

Preliminary Site Investigation

84 Sheaffes Road, Kembla Grange
NSW

8201911101



Prepared for
BlueScope Steel Limited

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Contact Information

Cardno (NSW/ACT) Pty Ltd

ABN 95 001 145 035

16 Burelli Street
Wollongong NSW 2500
Australia

Phone +612 4228 4133

Fax +612 4228 6811

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Author(s):



Stephen Hanna
Environmental Scientist

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Approved By:



Matthew Tendam, CEnvP - SC
Principal Environmental Engineer

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Executive Summary

Cardno (NSW/ACT) Pty Ltd ("Cardno") was engaged by BlueScope Steel Limited ("the Client") to prepare a Preliminary Site Investigation (PSI) for the property located at 84 Sheaffes Road, Kembla Grange NSW, legally identified as Lot 1 in Deposited Plan (DP) 588139. This PSI has been prepared for the client in support of a development application (DA) for the subdivision of land identified as Lot 1 DP 588139. The subject site is located within the West Dapto Urban Release Area (WDURA) within the Wollongong Local Government Area (LGA).

The site is predominantly undeveloped land used for livestock grazing and horse agistment with grassed areas situated in the central, north eastern and south eastern portions of the site. The south, middle and north west portions of the site are vegetated with a dense stand of remnant trees. The trees in the middle and southern portions of the site are identified as Illawarra Lowland Grassy Woodland, a Critically Endangered Ecological Community (CEEC) listed under the *Environment Protection and Biodiversity Conservation Act* (2000). A residential dwelling and associated sheds are situated along the eastern Site boundary and several derelict buildings associated with the former agricultural operation are located approximately 100m west of the residential dwelling. Derelict sheds and a horse track are situated in the south western portion of the site.

Two (2) experienced Cardno Environmental Scientists/Engineers inspected the site on the 12th of November 2018.

Based on the results of the PSI the following is concluded:

- > A review of historical information and observations noted during the site inspection indicate that the site has historically been used for agricultural purposes, primarily livestock grazing.
- > The southern portion of the site is predominantly occupied by a stand of trees listed as a critically endangered ecological community. The area was inspected during the investigation and appears generally undisturbed with the exception of dirt bike trails that have been created amongst the trees.
- > The Acid Sulphate Soil (ASS) Planning Maps provided by the NSW Department of Planning and the Wollongong Local Environmental Plan 2009 indicate that the site is situated on Class 5 land. Areas classified as Class 5 are located within 500 metres of adjacent class 1, 2, 3 or 4 land. Intrusive works in a Class 5 area that are likely to lower the water table below 1 metre on adjacent class 1, 2, 3 or 4 land will trigger the requirement for assessment and may require management.
- > As part of the *Phase 1 – Kembla grange Site Due Diligence Review* (Cardno, 2017), Cardno undertook 2D flood modelling to assess the existing flood conditions. The results indicated that shallow flooding (up to 0.15m in depth) may occur from Sheaffes Creek in the north-east of the Site during the Probable Maximum Flood (PMF). In addition, flooding of up to 1.2m may occur in the PMF in the north-east from Dapto Creek. Some shallow flooding (up to 0.3m) may also occur in the south-west from Sheaffes Creek. The assessment concluded that the majority of the developable land is considered to be flood free under the 100-year Average Return Interval (ARI) storm.
- > Based on information gathered during desktop searches and observations made during the site inspection the following PAECs have been identified:

Potential Area of Environmental Concern	Site Activity
PAEC01: Filling Areas	<p>Potential areas of filling were identified in the eastern portion of the site, specifically within the dam wall, creek crossing and in the vicinity of the dilapidated agricultural sheds and former building footprints. Asbestos fragments were identified on the surface within the fill lining the dam and were also identified within surface fillings in the vicinity of the dilapidated agricultural buildings and building footprints. The likely source of buried asbestos and fragments identified on the ground surface is from demolition of previous agricultural buildings and imported fill for the dam.</p> <p>Potential areas of filling were identified within the dam wall, lining the drainage channel, within the horse training track and within the building footprints in the western portion of the site.</p>
PAEC02: Stockpiles	<p>A stockpile of demolition and building waste contained within a concrete structure and comprising plasterboard, wood, steel, rubber, plastic and asbestos containing fibre cement fragments was observed adjacent to the dam in the eastern portion of the site.</p> <p>A soil stockpile was identified to the north of the residence in the eastern portion of the site and comprised silty CLAY material with fragments of asbestos containing pipe.</p>

Potential Area of Environmental Concern	Site Activity
	<p>A stockpile containing asphalt boulders was observed adjacent to the tree line in the middle portion of the site.</p> <p>Soil stockpiles of unknown composition were observed within the vicinity of the dilapidated sheds in the south west portion of the site.</p>
PAEC03: Equipment, Waste and Chemical Storage	<p>Discarded building materials and miscellaneous items of equipment were observed in the south-west portion of the site in the vicinity of the dilapidated sheds and horse training track. Discarded chemical storage vessels were observed within the sheds may have been associated with historical / current horse agistment practices.</p> <p>Miscellaneous mechanical equipment, including abandoned vehicle chassis were also observed sporadically within the vicinity of the dilapidated sheds and horse training track.</p>
PAEC04: Offsite Sources of Contamination	<p>To the immediate north of the site is an industrial parcel of land operating as a car parking facility for new cars arriving from Port Kembla. To the north-east is Whytes Gully Waste and Resource Recovery Centre.</p>

Based on the conclusions detailed above, Cardno recommends the following:

- > Any future investigations should be undertaken in accordance with relevant regulatory guidance including the *National Environment Protection (Assessment of Site Contamination) Measure 1999*, as amended 2013.
- > If the findings of subsequent investigation(s) indicate that remediation is required, a Remediation Action Plan (RAP) must be prepared by a suitably qualified environmental consultant.
- > A 'SafeWork NSW Site Search for Schedule 11 Hazardous Chemicals on Premises' was pending at the time of this report. The results of the search should be reviewed and any findings incorporated into future phases of investigation
- > A hazardous material survey (HAZMAT) survey should be undertaken on the residential dwelling and associated sheds prior to demolition in order to identify any potential hazardous building materials that may be present within the property
- > Due to the presence of asbestos at the site, an Asbestos Management Plan (AMP) should be prepared to ensure asbestos is appropriately managed during remediation and redevelopment works;
- > Any future works involving soil disturbance should incorporate an unexpected finds protocol to facilitate the identification and management of previously undocumented contamination;
- > Any soil proposed for off-site excavation should be classified in accordance with the 2014 *NSW EPA Waste Classification Guidelines Part 1* and
- > Should future soil sampling identify risks to human health or the environment, these should be managed in accordance with the *Contaminated Land Management Act 1997*.

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1 Introduction

1.1 Introduction

Cardno (NSW/ACT) Pty Ltd (“Cardno”) was engaged by BlueScope Steel Limited (“the Client”) to prepare a Preliminary Site Investigation (PSI) for the property located at 84 Sheaffes Road, Kembla Grange NSW, legally identified as Lot 1 in Deposited Plan (DP) 588139. The location and regional context of the site is depicted in **Figure 1 of Appendix A** and a site features plan is shown in **Figure 2 of Appendix A**.

1.2 Background

This PSI has been prepared for the client in support of a development application (DA) for the subdivision of land identified as Lot 1 DP 588139. The subject site is located within the West Dapto Urban Release Area (WDURA) within the Wollongong Local Government Area (LGA). The WDURA has been identified as providing long term housing supply for the LGA and Illawarra region, with an estimated 17,000 dwellings to be provided over a 40-year period.

The site occupies land on the western side of West Dapto Road and to the north of Sheaffes Road, with an approximate area of 107.76 ha. Lot 1 DP 588139 contains land zoned R2 - Low Density Residential, IN2 – Light Industrial, E2 – Environmental Conservation and E3 – Environmental Management. Lot 2 DP 230137 contains land zoned E3 – Environmental Management and IN3 – Heavy Industrial (LEP 2013).

1.3 Purpose and Objectives

The purpose of the PSI is to provide the Client with preliminary advice on the contamination status of the land beneath and surrounding the subject buildings and structures and the consequent implications with regard to the proposed demolition works.

The objectives of the PSI were therefore to:

- > Identify and assess the degree to which historical and current activities may have resulted in potential contamination of land or groundwater;
- > Develop a preliminary conceptual site model (CSM) that identifies the potential contaminant sources, contaminants of concern, potential human and environmental receptors and the potential pathways for contaminants to interact with receptors; and
- > Assess the requirement, if any, for further environmental investigation and/or remediation to make the site suitable for the proposed land use.

1.4 Scope

Cardno carried out the following scope of works to meet the objectives of the PSI:

- > A site walkover by two experienced environmental professionals to inspect general site conditions, each building and structure and identify potential sources of contamination
- > Cardno reviewed the following sources of information to prepare this report included:
 - A summary of background information relating to the site, including review of previous investigations and their findings;
 - A review of the NSW Environment Protection Authority (EPA) contaminated land public register and the Protection of the Environment Operations (POEO) Public Register under Section 308 of the *Protection of the Environment Operations Act 1997* (POEO Act);
 - A discussion of local and regional geology, hydrogeology, topography and hydrology;
 - A review of groundwater data available for the area;
 - A review of acid sulfate soil risk maps;
 - A review of seven historical aerial photographs dating back as early as 1948.
 - A review of current and historic land title information to identify previous site owners and possible historic site activities;

- Review of the Section 10.7 (2&5) certificate for the lot that makes up the site (one Lot/DP);
 - A summary of potential sources of contamination, contaminants of potential concern (COPCs), identification of sensitive receptors and potential exposure pathways prepared in the form of a CSM;
 - A series of figures / maps presenting the location of significant site features and any potential areas of environmental concern; and
 - Recommendations for further assessment and/or remediation (if required) and potential management considerations to inform demolition.
- > Preparation of this PSI report in general accordance with the *Guidelines for Consultants Reporting on Contaminated Sites* (OEH, 2011) and the *National Environmental Protection Measure (Assessment of Site Contamination)*, 1999, as amended 2013 (NEPM,2013).

2 Site Condition and Surrounding Environment

2.1 Site Definition

The Site is located at 84 Sheaffes Road, Kembla Grange NSW, which is approximately 11 kilometres south-west of the Wollongong CDB. The Site location is shown in in **Figure 1** in **Appendix A** and Site details are presented in **Table 2-1**

Table 2-1 Site Identification

Item	Details
Site Address	84 Sheaffes Road, Kembla Grange
Lot Details	Lot 1 in Deposited Plan (DP) 588139
Local Government Area	Wollongong City Council
Parish and County	Parish of Kembla, County of Camden
Land Use	Predominantly rural with one low density residential dwelling
Land Zoning	E2 Environmental Conservation E3 Environmental Management IN2 Light Industrial R2 Low Density Residential
Approximate Site Area (ha)	109
Current Site Owners	BlueScope Steel Ltd

2.2 Site Description

The site is predominantly undeveloped land used for livestock grazing and horse agistment with grassed areas situated in the central, north eastern and south eastern portions of the site. The south, middle and north west portions of the site are vegetated with a dense stand of remnant trees. The trees in the middle and southern portions of the site are identified as Illawarra Lowland Grassy Woodland, a Critically Endangered Ecological Community (CEEC) listed under the *Environment Protection and Biodiversity Conservation Act* (2000). A residential dwelling and associated sheds are situated along the eastern Site boundary and several derelict buildings associated with the former agricultural operation are located approximately 100m west of the residential dwelling. Derelict sheds and a horse track are situated in the south western portion of the site.

. A site plan showing the location of significant site features is presented in **Figure 2** in **Appendix A**.

Two (2) experienced Cardno Environmental Scientists and Engineers inspected the site on the 12th of November 2018. Site photographs taken during the inspection are provided in **Appendix B**. Details of observations made during the site inspection are provided in **Table 2-2**.

Table 2-2 Site Observations

Item	Observations
Current site use	The majority of the site is used for agricultural purposes including livestock grazing of cattle and horse agistment. The site also contains a residential dwelling with ancillary structures along the eastern site boundary and derelict sheds and a horse track in the south west portion of the site.
Site slope and drainage features	The Site broadly slopes towards West Dapto Road to the east. Surface water at the site is inferred to infiltrate or flow via surface runoff to the tributaries and creeks that generally flow from the north to the south and south east.
Vicinity surface water bodies	The site contains several creeks and surface water bodies. An unnamed creek passes along the northern site boundary flowing to the east before diverting south where it eventually passes beneath Sheaffes Road. Dapto Creek passes through the north eastern corner of the site and passes beneath West Dapto Road, approximately 45m north east of the residential dwelling. A farm dam is situated in the north eastern portion of the site, approximately 30m North West of the residential dwelling. The dam receives water from an unnamed creek that

Item	Observations
	<p>flows from the neighbouring site to the north. The nearest surface water bodies include two dams located within the eastern portion of the site, adjacent to a residential dwelling, and along the western boundary. Drainage channels run through the eastern, northern and south west portions of the site. Standing water was observed in the two dams and drainage channels at the time of the inspection (refer to Photograph 9 of Appendix B)</p> <p>Surface water contained within the dams and drainage channels originates from neighbouring properties to the north and west via culverts and spillways.</p>
Site surface coverings	<p>The majority of the site surface covering is grass. The exception of this is the footprints of buildings and structures that are constructed on concrete slabs and the dams that are located in the eastern and western portion of the site. The central and north western portions of the site are vegetated with a dense stand of trees.</p>
Surface soils	<p>Surface soils predominantly consist of silty CLAY, brown, low plasticity, slightly moist.</p>
Site cut and fill	<p>Evidence of cut was not observed during the site inspection. Evidence of fill was observed in the following locations:</p> <ul style="list-style-type: none"> > Within the batters of the dams in the north eastern portion of the site and western boundary (refer to Photograph 9 of Appendix B). > Mounds of soil were visible in the north east and central portions of the site including berms and jumps associated with a motocross track (refer to Photograph 6 of Appendix B). > A creek crossing constructed of imported fill was observed toward the north eastern portion of the Site (refer to Photograph 4 of Appendix B). > The horse training track in the south western portion of the site may have been constructed by importation of fill (refer to Photograph 18 of Appendix B). > Along the alignment of the drainage channel in the western portion of the site (refer to Photograph 5 of Appendix B). > Within the former building footprints in the western portion of the site (refer to Photograph 19 and 20 of Appendix B).
Buildings	<p>The location of buildings at the site are presented in Figure 2 of Appendix A and are summarised below:</p> <ul style="list-style-type: none"> > Residential dwelling and associated sheds: the buildings are located in the eastern portion of the site and are accessible from West Dapto Road. The residential dwelling and sheds appear to have a timber cladding and a metal roofing; > Dilapidated agricultural buildings: the buildings are located in the eastern portion of the site and approximately 100m west and south of the current residential dwelling. The buildings appeared to have metal sheet cladding and roofing with timber frames. Some sheds contained concrete slabs, remnant agricultural infrastructure including equipment and materials as well as discarded waste. Suspected asbestos cement sheeting was observed in one building both intact on the wall and in fragments on the ground (refer to Photographs 2 and 3 of Appendix B). A number of partially submerged concrete slabs and footings were observed 300m south west of the current residential dwelling that are associated with former agricultural operations. Suspected asbestos containing fibrous sheeting was observed to be attached to one of the concrete footings. > Dilapidated residential dwelling: the former residential dwelling is located immediately east of the agricultural buildings. The building was not entered during the inspection due to a heightened risk of building collapse. The building may contain asbestos cement sheeting but was otherwise constructed of timber frames and metal sheet roofing. > Dilapidated sheds: associated with the horse training track located in the south west portion of the site. Sheds appeared to be constructed of sheet metal with timber frames. Exterior of the sheds potentially coated with flaking

Item	Observations
	lead paint. Miscellaneous items and empty chemical storage containers were observed within the sheds (refer to Photograph 15 and 16 of Appendix B).
Potential asbestos in building materials	<p>The residential dwelling and agricultural buildings appeared to contain asbestos cement sheeting. The current residential dwelling and associated sheds along the eastern site boundary may also contain potential asbestos containing building material.</p> <p>A detailed hazardous materials survey was not conducted during the investigation.</p>
Manufacturing, industrial or chemical processes and infrastructure	Not observed.
Fuel storage tanks (USTs/ASTs)	Not observed.
Dangerous goods	<p>Dangerous goods observed during the site inspection were limited to small volumes of petroleum and oil contained in the sheds surrounding the current residential dwelling. The dangerous goods were stored in appropriate storage containers at volumes no greater than 20L per vessel.</p> <p>Rusted out steel drums were observed within and in the vicinity of the dilapidated agricultural buildings, however, the former contents of the drums was not evident.</p> <p>Empty chemical storage containers were observed within the dilapidated sheds within the south west portion of the site, however the contents of the containers is unknown.</p>
Solid waste deposition	<p>Solid waste deposition was observed at the following locations:</p> <ul style="list-style-type: none"> > A stockpile containing asphalt gravel and boulders was observed north of the tree line in the centre of the site. > A stockpile of building and demolition waste was observed in the eastern portion of the site, approximately 160 m west of the current residential dwelling, (refer to Photograph 12 of Appendix B). The stockpile was contained within a disused concrete structured and appeared to contain foreign materials including asbestos containing fragments of cement sheeting, which is further discussed in Section 4.1. > Areas of filling were observed within the batter of the dam approximately 30 m west of the current residential dwelling and adjacent to the building footprint located approximately 300 m south west of the residential dwelling. The fill contained foreign materials including demolition rubble and fragments of asbestos cement sheeting were observed on the ground surface, which is further discussed in Section 4.1 (refer to Photograph 13 of Appendix B). > Bonded asbestos fragments were observed within the vicinity of the dilapidated agricultural buildings and former building footprints in the eastern portion of the site (refer to Photograph 11 of Appendix B). > Stockpiles of miscellaneous building waste were observed to be sporadically located in the vicinity of the horse training track and associated dilapidated structures (refer to Photograph 8 of Appendix B). > Miscellaneous mechanical equipment, including abandoned vehicles were observed in the south-west portion of the site within the vicinity of the horse training track (refer to Photograph 17 of Appendix B). > Soil stockpiles of unknown composition were observed in the south western portion of the site in the vicinity of the horse training track (refer to Photograph 7 of Appendix B).
Liquid waste disposal features	Not observed.
Evidence of previous site contamination investigations	Not observed.
Evidence of land contamination (staining or odours)	Minor oil staining was observed on the ground surface within the vicinity of the shed adjacent to the current residential dwelling (refer to Photograph 49 of Appendix B).

Item	Observations
	The only other evidence of contamination was asbestos cement sheeting observed at a number of locations as discussed in Section 4.1 .
Evidence of groundwater contamination	Not observed.
Groundwater use	The site occupant indicated that groundwater was not used at the site. Livestock are watered from surface water contained in drainage channels and the dam.
Vegetation	Vegetation at the site is predominantly comprised of grass and mature trees. A stand of mature trees occupies the majority of the southern and north-western portions of the site, as shown in Figure 2 of Appendix A . Riparian vegetation was observed lining the tributaries running through the site.
Site fencing	Chain fencing was observed lining the northern border of the site with typical farm fences comprising timber posts and barbed wire lining the eastern, southern and western borders of the site.

2.3 Surrounding Land Uses

Land uses around the Site are detailed in **Table 2-3**. The area is serviced by public roads and access to the Site is available from Sheaffes Road and Paynes Road. Sheaffes Road connects to West Dapto Road which provides access to the Princes Highway and the Princes Motorway. The Site and surrounding uses are illustrated on the Vicinity and Site Plans on **Figures 1 and 2 in Appendix A**.

Table 2-3 Surrounding Land Uses

Direction	Land Use or Activity
North	Industrial parcel of land currently under development as a car parking facility for new cars arriving from Port Kembla. To the north-east is Whytes Gully Waste and Resource Recovery Centre.
West	Paynes Road and rural land, a portion of the land has been developed as a residential land development by Urban Land and Housing.
East	West Dapto Road, beyond which is rural land and West Dapto Cemetery. A vehicle parking facility is located to the south of the resource recovery centre.
South	Sheaffes Road, beyond which is rural land.

2.4 Topography and Drainage

Elevation contours on **Figure 2 of Appendix A** indicate that the Site has an approximate elevation of 40mAHD at the north-western extent, sloping down to 15 m AHD at the eastern extent. The site is traversed by Sheaffes Creek, Dapto Creek and a number of tributaries that generally flow from north to south in the direction of the nearest significant surface water body, Mullet Creek, which is located approximately 790m south of the site. The watercourses depart the site via culverts that pass under West Dapto Road and Sheaffes Road.

The Site is currently undeveloped with the exception of a remnant building remains, dilapidated site sheds and a residential dwelling along the eastern boundary. Surface water at the site is inferred to infiltrate or flow via surface runoff to the tributaries and creeks.

2.5 Flood Potential

A Section 149 Certificate (parts 2 and 5) was obtained for the Site from Wollongong City Council. The certificate indicates that the Site is located within a High Flood Risk precinct.

As part of the *Phase 1 – Kembla grange Site Due Diligence Review* (Cardno, 2017), Cardno undertook 2D flood modelling to assess the existing flood conditions. The results indicated that shallow flooding (up to 0.15m in depth) may occur from Sheaffes Creek in the north-east of the Site during the Probable Maximum Flood (PMF). In addition, flooding of up to 1.2m may occur in the PMF in the north-east from Dapto Creek. Some shallow flooding (up to 0.3m) may also occur in the south-west from Sheaffes Creek. The assessment concluded that the majority of the developable land is considered to be flood free under the 100-year Average Return Interval (ARI) storm.

2.6 Regional Geology and Hydrogeology

2.6.1 Geology

The Wollongong-Port Hacking 1:100,000 Geological Sheet SI 56-9 (Geological Survey of NSW Second Edition, 1966) indicates that the site is situated on Budgong Sandstone, characterised by red, brown and grey lithic sandstone.

2.6.2 Groundwater Database

A search of the NSW Office of Water Groundwater Database (NSW DPI Water, 2017) on 13 November 2018 identified six bores within a 500m radius of the Site. A copy of the licensed bore information is presented in **Appendix C** and summarised in **Table 2-4**.

Two water bearing zones were identified in bore GW010779 at 10.00-10.30mbgl and at 27.70-28.60mbgl, and two water bearing zones were identified in bore GW028786 at 20.10-20.70mbgl and at 55.40-55.70mbgl. Yields were between 0.13-0.45 L/s in the shallower water bearing zones, and 9 L/s in the deeper water bearing zone. Groundwater levels are expected to fluctuate with variations in climatic conditions and site conditions.

Table 2-4 Registered Groundwater Bore Search Summary

Well Number	Use	Construction Date	Depth (m)	SWL (m)	Proximity to Site (m)
GW010779	General use	01 / 05 / 1954	30.40	9.70	80m south
GW028786	Stock	01 / 05 / 1968	55.70	12.10	450m south
GW113733	Monitoring bore	25 / 07 / 2011	ND ¹	ND ¹	240m north-east
GW113734	Monitoring bore	21 / 07 / 2011	ND ¹	ND ¹	240m north-east
GW113735	Monitoring bore	20 / 07 / 2011	ND ¹	ND ¹	420m north-east
GW112724	Monitoring bore	12 / 12 / 2011	ND ¹	ND ¹	500m north-east

¹ND = 'no data'

2.6.3 Acid Sulphate Soils

The Acid Sulphate Soil (ASS) Planning Maps provided by the NSW Department of Planning and the Wollongong Local Environmental Plan 2009 indicate that the site is situated on Class 5 land.

Acid sulfate soils are not typically found in Class 5 areas. Areas classified as Class 5 are located within 500 metres of adjacent class 1, 2, 3 or 4 land. Intrusive works in a Class 5 area that are likely to lower the water table below 1 metre on adjacent class 1, 2, 3 or 4 land will trigger the requirement for assessment and may require management. Acid sulfate soils risk maps are indicative only and actual soil conditions can differ to those stated. Based on the physical setting of the site, it is unlikely that ASS is present below the site.

2.6.4 Salinity

Based on the Salinity Hazard Map generated using eSPADE, elevated salinity in site soils is not expected to be encountered.

2.7 Previous Environmental Reports

Cardno reviewed the following environmental report:

- > Camp Scott Furphy Pty Ltd Consulting Engineers, *Environmental Impact Statement, Proposed Sanitary Landfill Site at West Dapto*, May 1979.
- > Cardno, *Phase 1 – Kembla grange Site Due Diligence Review*, 2017

2.7.1 Camp Scott Furphy Pty Ltd Consulting Engineers, Environmental Impact Statement, Proposed Sanitary Landfill Site at West Dapto, May 1979

An Environmental Impact Statement (EIS) was completed for the Site to assess the potential environmental impacts of a proposed sanitary landfill site. The EIS did not specifically consider potential contamination risks at the site but included a geotechnical Site Suitability Assessment (Golder, 1978) which included excavation

of test pits and logging of soil and rock. It should be noted that the proposed sanitary landfill was not constructed. A summary of relevant information from the EIS is provided below:

- > At the time of the EIS, the site was used for grazing agistment. The neighbouring dairy farmers and the site owners had grazing rights to the site
- > A piggery operated by the Illawarra Meat Company and a dairy farm owned by the McPhail family were immediate neighbours to the site
- > The geotechnical assessment (Golder, 1978) noted the following with respect to site geology and hydrogeology
 - The geological profile was described as topsoil generally ranging in depth from 0.1 to 0.5 metres across the site with a thin layer of clayey silt overlying silty clay to depths of approximately 7mbgl
 - The clay was reportedly stiff to very stiff
 - Groundwater was encountered at approximately 7mbgl, but some water was found near the surface and was likely resultant from recent heavy rainfall.

2.7.2 Cardno, Phase 1 – Kembla Grange Site Due Diligence Review, 2017

A Site Due Diligence review was undertaken to identify site constraints and opportunities to inform a pre-purchase site selection process in order to accommodate the potential future relocation of Prysmian's existing Liverpool based cable manufacturing operations.

A summary of the contamination risk from the Phase 1 Due Diligence Review is provided below:

- > The site has been used for a mixture of residential and agricultural land uses including livestock grazing and crop cultivation since at least 1948
- > The site was earmarked by Wollongong City Council as a potential site for a sanitary landfill. However, the landfill was not constructed at the site
- > According to a review of ASS risk maps, Class 5 acid sulfate soils are present below the site. Any future proposed ground disturbance at the site should consider the risks of encountering ASS and an Acid Sulfate Soils Management Plan may be required to mitigate environmental risks associated with ASS
- > The development north of the site is understood to be a facility for temporary storage of vehicles imported from overseas and received at Port Kembla harbour. A significant quantity of coal wash has been spread across the site, however, this does not present a contamination risk to the site
- > The historic site buildings/structures are still present at the site but are likely in disrepair. It is possible that remnant building materials are present in shallow soils near the structures, particularly toward the north eastern portion of the site. It is not known of what materials the buildings were constructed and how or if buildings and structures were demolished. Therefore, it is possible that remnant hazardous building materials may be present near the buildings/structures
- > Soil may have historically been imported to site as a surface material for the racehorse training track. However, the aerial photographs do not indicate that widespread filling occurred at the site
- > The historic agricultural land use may have resulted in application of chemicals to land such as herbicides and / or pesticides
- > Areas of filling / deposition of waste may be present at the site however a review of available information suggests that filling areas (if any) are likely to be contained to a small footprint and
- > Although the risk of contamination has been deemed to be low from a desk top level review, prior to final purchase it is recommended that an intrusive site assessment be completed to assess the potential areas of environmental concern at the site. A combined geotechnical and contamination could be undertaken to maximise value and ensure any risks are identified up front.

2.8 EPA Records Search

2.8.1 Contaminated Land Record of Notices

The Contaminated Land Record of Notices is maintained by the Office of Environment and Heritage (OEH) in accordance with Part 5 of the Contaminated Land Management (CLM) Act 1997 and contains regulatory notices issued by the Environment Protection Authority (EPA) in relation to contaminated sites. The Record of Notices was searched on 13th November 2018 for the suburb of Kembla Grange and did not identify any notices at or near the Site.

2.8.2 PoEO Public Register

The PoEO Public Register under Section 308 of the Protection of the Environment Operations (PoEO) Act 1997 contains Environment Protection Licences (EPLs), applications and notices issued by the EPA. The Public Register was searched on 13th November 2018 within the suburb of Kembla Grange to identify any issues of relevance to the Site.

Ten sites were identified within the suburb of Kembla Grange, of which six sites have active licences. The closest site with an active licence is located approximately 600m to the north-east of the Site. Due to the distance between the site and each EPL holder the likelihood of contamination from an offsite source impacting the site is considered low.

One Clean Up Notice was issued to one of the sites in Kembla Grange. The Clean Up Notice was issued in April 2017 for offensive odours and the discharge of leachate and/or leachate contaminated stormwater into stormwater drains.

The list of licences and a copy of the Clean Up Notice is provided in **Appendix D**.

2.8.3 List of NSW Contaminated Sites Notified to the EPA

In response to 2008 amendments to the CLM Act clarifying the Section 60 duty to report contaminated sites, the EPA received approximately 1,000 notifications from owners or occupiers of sites where they believe the sites are contaminated. Sites appearing on this list indicate that the notifiers consider that the sites are contaminated and warrant reporting to EPA; however, the contamination may or may not be significant enough to warrant regulation by the EPA. The EPA needs to review and, if necessary, obtain more information before it can make a determination as to whether the sites warrant regulation.

A search of the List of NSW Contaminated Sites Notified to the EPA on 13th November 2018 identified one site within the suburb of Kembla Grange. The identified site is located over one kilometre from the Site and regulation under the CLM Act is not required.

2.9 Planning Information

The Site is zoned as E2 Environmental Conservation, E3 Environmental Management, IN2 Light Industrial, and R2 Low Density Residential under the Wollongong Local Environmental Plan 2009.

The objectives of E2 Environmental Conservation are:

- > To protect, manage and restore areas of high ecological, scientific, cultural or aesthetic values.
- > To prevent development that could destroy, damage or otherwise have an adverse effect on those values.
- > To retain and enhance the visual and scenic qualities of the Illawarra Escarpment.
- > To maintain the quality of the water supply for Sydney and the Illawarra by protecting land forming part of the Sydney drinking water catchment (within the meaning of State Environmental Planning Policy (Sydney Drinking Water Catchment) 2011) to enable the management and appropriate use of the land by Water NSW.

The objectives of E3 Environmental Management are:

- > To protect, manage and restore areas with special ecological, scientific, cultural or aesthetic values.
- > To provide for a limited range of development that does not have an adverse effect on those values.

The objectives of IN2 Light Industrial are:

- > To provide a wide range of light industrial, warehouse and related land uses.

- > To encourage employment opportunities and to support the viability of centres.
- > To minimise any adverse effect of industry on other land uses.
- > To enable other land uses that provide facilities or services to meet the day to day needs of workers in the area.
- > To support and protect industrial land for industrial uses.
- > To encourage appropriate forms of industrial development which will contribute to the economic and employment growth of Wollongong.

The objectives of R2 Low Density Residential are:

- > To provide for the housing needs of the community within a low density residential environment.
- > To enable other land uses that provide facilities or services to meet the day to day needs of residents.

The proposed site use as a manufacturing facility is permitted with consent on those areas of the Site zoned as IN2 Light Industrial and is prohibited on those areas zoned as E2 Environmental Conservation, E3 Environmental Management, and R2 Low Density Residential under the Wollongong LEP 2009.

3 Site History

3.1 Historical Information Sources

The historical information sources listed in **Table 3-1** were obtained and reviewed.

Table 3-1 Historical and Background Information Sources

Information	Source	Details
Historical Title Search	NSW Land and Property Information	Searched Lot 1 DP588139
Aerial Photographs	Wollongong City Council <i>Dekho</i> online interactive mapping tool and Land Insight & Resources	Obtained scanned high resolution aerials for 1948/1951 (composite image), 1963, 1977, 1984, 1994, 2006 and 2017 (nearmap)
Heritage Sites	NSW Office of Environment and Heritage	Searched the suburb of Kemplar Grange

3.2 Historical Certificates of Title Review

A Land Title Search was undertaken for Lot 1 DP588139. Results of the search are summarised in **Table 3-2** and provided in **Appendix E**.

Table 3-2 Land Use History and Activities – Historical Title

Year	Interpretation
1878-1992	Earliest records for the eastern half of the site are from 1878 and show the land was owned by the McPhail family who were farmers. Earliest records for the western half of the site are from 1922 and show that the land was owned by Samuel Taylor, a farmer.
1939	In 1939 a small portion of the site on West Dapto Road was purchased by Evan Wilson, a Council Employee.
1949	In 1945, the western half of the site was owned by Beryl Harshaw, a married woman. The small section of land on the eastern portion of the site on West Dapto Road was purchased by a dairy farmer.
1951-1954	In 1951, the north-west portion of the site was purchased by the Greater Wollongong City Council (now The Council for the City of Greater Wollongong) for the Purpose of Establishing a Sanitary Depot for the Disposal of Nightsoil and for the Cleansing of Pans. In 1954, the small section of land on the eastern portion of the site on West Dapto Road was purchased by an iron worker
1958-1959	In 1958, Australian Iron & Steel Proprietary Limited (also known as Australian Iron and Steel Pty Ltd, and now known as BHP Steel (AIS) Pty Ltd, i.e. the current site owners), purchased the eastern half of the site and the south-western portion of the site. The company then purchased the small section of land on the eastern portion of the site on West Dapto Road in 1959.
1962	In 1962, the north-western portion of the site was again owned by Beryl Harshaw, a married woman.
1967	By 1967, the north-western portion of the site was purchased by and the entirety of the site was Australian Iron & Steel Proprietary Limited (also known as Australian Iron and Steel Pty Ltd, and now known as BHP Steel (AIS) Pty Ltd, i.e. the current site owners).

3.3 Historical Aerial Photograph Review

Four historical aerial photographs dating back to 1948 were sourced from LPI and are presented in **Appendix F**. An interpretation of the aerial photography is presented in **Table 3-3** and **Appendix G**.

Table 3-3 Land Use History and Activities – Aerial Photography

Year	Interpretation
1948/1951	The site surface appears to be dominated by open space in the west / south western portion of the site along Sheaffes / Paynes Road, as well as the central to north eastern sections of the site. Dense bush land occupied the southern end, with more sparse vegetation towards the centre of the site. The north east portion showed several buildings and structures which were visible from West Dapto Road. The use

Year	Interpretation
	<p>of each building and structure is not evident, however, the number of structures and their configuration indicate that they may be associated with an agricultural operation.</p> <p>The remainder of the site appears to be used for livestock grazing.</p>
1963	<p>The site appears generally unchanged since 1948/1951. The buildings and structures toward the north east portion of the site are visible with greater definition and appear to be a mixture of residential dwellings and ancillary agricultural structures such as sheds. An additional narrow shed is now visible approximately 400m west of West Dapto Road that may have been associated with the piggery noted in the EIS (Camp Scott Furphy, 1978).</p>
1977	<p>The site appears generally unchanged since 1963. The buildings and structures toward the north east portion of the site are still visible.</p> <p>A dam is now visible in the north east of the site immediately north of the dwellings and structures.</p> <p>Several rectangular shaped areas of clearing are visible in the central and north west portions of the site for either pastoral improvement or cultivation.</p> <p>A number of structures are visible near the western site boundary in close proximity to Farm Road, however, the use of each structure is unknown.</p> <p>The remainder of the site appears to be used for livestock grazing.</p>
1984	<p>The site remains relatively unchanged since the 1977 aerial. The long narrow shed in the east of the site potentially associated with the piggery has been demolished. In the west, two small potential structures are present south east of the structures adjacent Farm Road.</p> <p>The remainder of the site use appears consistent with live stock grazing.</p>
1994	<p>The structure adjacent the eastern site boundary, west of the former piggery has been demolished.</p> <p>In the west of the site, a horse track is now present east of Sheaffes Creek, with structures present to the south adjacent Sheaffes Road. The two potential structures south east of the Paynes Road area are no longer present.</p>
2006	<p>The site surface appears to be dominated by open space in the west / south western portion of the site along Sheaffes / Paynes Road, as well as the central to north eastern sections of the site. Dense bush land occupied the southern end, with more sparse vegetation towards the centre of the site. The north east portion showed several buildings and structures which were visible from West Dapto Road. The use of each building and structure is not evident, however, the number of structures and their configuration indicate that they may be associated with an agricultural operation.</p> <p>The remainder of the site appears to be used for livestock grazing.</p>
2017	<p>The site appears generally unchanged since 1948/1951. The buildings and structures toward the north east portion of the site are visible with greater definition and appear to be a mixture of residential dwellings and ancillary agricultural structures such as sheds. An additional narrow shed is now visible approximately 400m west of West Dapto Road that may have been associated with the piggery noted in the EIS (Camp Scott Furphy, 1978).</p>

3.4 Heritage Databases

The State Heritage Inventory was searched online on 13th November 2018 for the suburb of Kembbla Grange. The search returned no items listed under the NSW Heritage Act 1977 and 15 items listed by local government and state agencies. One item is located on the Site and six others are located within 500m of the Site boundaries. These items are listed in **Table 3-4**.

Table 3-4 Heritage Items

Item No.	Name	Description	Proximity to Site (m)
6326	Group of Bunya Pines, Moreton Bay Figs and Hills Figs, Sheaffes Road (150m SE of bend in Paynes Road)	May be indicative of plantings associated with a homestead from the 19 th or early 20 th century.	On site, near western boundary
6329	Moreton Bay Fig, West Dapto Road (on bend in West Dapto Road, northern end of property)	May be indicative of ornamental plantings associated with a homestead.	30m to the east, on West Dapto Road
5974	St John's Catholic Cemetery, 231 West Dapto Road	Cemetery dating from 19 th century	30m to the east, on West Dapto Road

5975	West Dapto Public School and residence (former), Sheaffes Road	Buildings from late 19 th century made from locally quarried stone	270m to the west, on Sheaffes Road
5976	"Stan Dyke" homestead and outbuildings, Sheaffes Road	Homestead and outbuildings from late 19 th century	320m to the west, on Sheaffes Road
6322	"Glen Ayre" homestead, Sheaffes Road	Homestead and outbuildings from early to mid-19 th century	400m to the west, on Sheaffes Road
6328	Hoop pines, Paynes Road	May be indicative of ornamental plantings associated with a homestead.	410m to the west, on Paynes Road

4 Discussion

4.1 Summary of Potential Areas of Environmental Concern

The PAECs identified at the site are summarised below in **Table 4-1** and the approximate lateral extent of each on is depicted on **Figure 3** of **Appendix A**.

Table 4-1 Potential Areas of Environmental Concern

Potential Area of Environmental Concern	Site Activity	Contaminants of Potential Concern (COPC)
PAEC01: Filling Areas	<p>Potential areas of filling were identified in the eastern portion of the site, specifically within the dam wall, creek crossing and in the vicinity of the dilapidated agricultural sheds and former building footprints. Asbestos fragments were identified on the surface within the fill lining the dam and were also identified within surface fillings in the vicinity of the dilapidated agricultural buildings and building footprints. The likely source of buried asbestos and fragments identified on the ground surface is from demolition of previous agricultural buildings and imported fill for the dam.</p> <p>Potential areas of filling were identified within the dam wall, lining the drainage channel, within the horse training track and within the building footprints in the western portion of the site.</p>	<ul style="list-style-type: none"> > Heavy Metals (Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel and Zinc) > Polycyclic Aromatic Hydrocarbons (PAHs) > Benzene, Toluene, Ethylbenzene, Xylenes (Total) (BTEX) > Total Recoverable Hydrocarbons (TRHs) > Organochlorine and Organophosphorus Pesticides (OCP/OPP) > Polychlorinated Biphenyls (PCBs) > Asbestos
PAEC02: Stockpiles	<p>A stockpile of demolition and building waste contained within a concrete structure and comprising plasterboard, wood, steel, rubber, plastic and asbestos containing fibre cement fragments was observed adjacent to the dam in the eastern portion of the site.</p> <p>A soil stockpile was identified to the north of the residence in the eastern portion of the site and comprised silty CLAY material with fragments of asbestos containing pipe.</p> <p>A stockpile containing asphalt boulders was observed adjacent to the tree line in the middle portion of the site.</p> <p>Soil stockpiles of unknown composition were observed within the vicinity of the dilapidated sheds in the south west portion of the site.</p>	<ul style="list-style-type: none"> > Heavy Metals > PAHs > BTEX > TRH > OCP/OPP > PCBs > Asbestos
PAEC03: Equipment, Waste and Chemical Storage	<p>Discarded building materials and miscellaneous items of equipment were observed in the south-west portion of the site in the vicinity of the dilapidated sheds and horse training track. Discarded chemical storage vessels were observed within the sheds may have been associated with historical / current horse agistment practices.</p> <p>Miscellaneous mechanical equipment, including abandoned vehicle chassis were also observed sporadically within the vicinity of the dilapidated sheds and horse training track.</p>	<ul style="list-style-type: none"> > Heavy metals > PAHs > TRHs > BTEX > OCP/OPP > Phenols > PCBs > Volatile Organic Compounds (VOCs) > Asbestos.
PAEC04: Offsite Sources of Contamination	<p>To the immediate north of the site is an industrial parcel of land operating as a car parking facility for new cars arriving from Port Kembla. To the north-east is Whytes Gully Waste and Resource Recovery Centre.</p>	<ul style="list-style-type: none"> > Heavy metals > PAHs > TRHs > BTEX

Notes: heavy metals (arsenic, cadmium, chromium (total), copper, lead, mercury, nickel and zinc); Polycyclic Aromatic Hydrocarbons (PAHs); Total Recoverable Hydrocarbons (TRHs); Benzene, Toluene, Ethylbenzene, Xylenes (total), Naphthalene (BTEXN); Organochlorine Pesticides (OCPs); Organophosphate pesticides (OPPs) Polychlorinated Biphenyls (PCBs)

4.2 Preliminary Conceptual Site Model

Generally, a conceptual site model (CSM) provides an assessment of the fate and transport of COPC relative to site specific subsurface conditions with regard to their potential risk to human health and the environment. The CSM takes into account site-specific factors including:

- > Source(s) of contamination;
- > Identification of COPCs associated with past (and present) source(s);
- > Vertical, lateral and temporal distribution of COPC;
- > Site specific lithologic information including soil type(s), depth to groundwater, effective porosity, and groundwater flow velocity; and
- > Actual or potential receptors considering both current and future land use both for the site and adjacent properties, and any sensitive ecological receptors.

Based on the information review undertaken as a component of this report as well as site observations, a Preliminary CSM has been developed and is outlined below in **Table 4-2**. Additional details are included in the sections that follow as necessary.

Table 4-2 Preliminary Conceptual Site Model

CSM Element	Description
Site History/Contaminant Sources	The contaminant sources and COPCs summarised in Table 4-1 were identified as presenting potential risks to human health and/or environmental receptors as a result of historical site activities. The identified potential contaminant sources included areas of filling, potentially contaminated stockpiles and equipment, waste and chemical storage.
Site Current and Future Use	The site is currently rural land and low density residential along the eastern site boundary. The intended future use is as a mixed use site that includes low-density residential development and areas of open space.
Site Geology	The Wollongong-Port Hacking 1:100,000 Geological Sheet SI 56-9 (Geological Survey of NSW Second Edition, 1966) indicates that the site is situated on Budgong Sandstone, characterised by red, brown and grey lithic sandstone.
Site Hydrogeology	The Section 149 Certificate (parts 2 and 5) planning certificate indicates that the Site is located within a High Flood Risk precinct, however flood modeling undertaken by Cardno (2017) indicates that majority of the developable land is flood-free under the 1% ARI event. There is the potential for at least two water bearing zones to exist beneath the Site. Due to the presence of water courses at the site groundwater levels are expected to fluctuate with weather events and climatic conditions such as heavy rainfall events and periods of drought. Based on the locations of surface water bodies and site topography, the overall regional direction of groundwater flow is expected toward the east and southeast with localized gradients in varying directions.
COPCs – Soil	The soil COPCs identified during this investigation include Heavy Metals, PAHs, TRHs, BTEXN, OCP / OPPs, PCBs, Phenols, VOCs and asbestos.
COPCs – Groundwater	The groundwater COPCs identified during this investigation include Heavy Metals, PAHs, TRHs and BTEXN.
Extent of Soil Impacts	The extent of potential soil impact is unknown as an intrusive assessment of soil has not been completed at or around the buildings or areas of interest.
Potential Human Receptors	Potential human receptors at the site include: <ul style="list-style-type: none"> > Residential dwellings on Sheaffe Road, Farm Road and Paynes Road. > Future residents of the large scale residential development along Paynes Road. > Future Site workers during construction of the site

CSM Element	Description
Potential Ecological Receptors	<p>Potential ecological receptors at the site include:</p> <ul style="list-style-type: none"> > Illawarra Lowland Grassy Woodland Critically Endangered Ecological Community (CEEC) (listed under the <i>Environment Protection and Biodiversity Conservation Act 2000</i>) located in the southern section of the Site > Sheaffes Creek, Dapto Creek, associated tributaries and the associated riparian areas of these watercourses. > Heritage listed bunyip pine and fig trees located in the western portion of the site.
Potential Contaminant Pathways	<p>Potential contaminant pathways at the site include:</p> <ul style="list-style-type: none"> > Dermal contact with contaminated materials including soil and hazardous building materials during demolition. > Inhalation of volatile contaminants and/or asbestos fibres accessible by future demolition and works at the site. > Ingestion of contaminant impacted materials including soil and hazardous building materials during demolition. > Potential dermal and oral exposure to surface water and/or seepage water within the site. > Potential contaminant uptake by the root network of vegetation. > Potential ingestion of contaminant impacted produce (fruit and vegetables) grown at the site.

4.2.2 Evaluation of Risk

Due to the potential onsite and offsite sources of contamination, an intrusive investigation is required in order to determine the site suitability. Information obtained from desktop searches and onsite observations indicate there is a risk of contamination from sources within the site and surrounding areas, including an industrial parcel of land operating as a car parking facility for new cars arriving from Port Kembla and Whytes Gully Waste and Resource Recovery Centre to the north-east of the site. However, it is not expected that impacts are present that would pose a significant constraint to the overall development of the site and could be managed during construction / redevelopment activities. Due to the localised nature of the contamination, the investigation would be a targeted investigation and would not meet grid based sampling design guideline densities.

4.2.3 Data Gaps and Uncertainties

The assessment of potential impacts at the site was based on a site inspection and review of available historical reports and information. As such, the lateral and vertical extent of potential impacts in soil and / or groundwater is unknown. Similarly, an assessment of potential impact to groundwater was not included in this assessment. The dense cover of grass and lantana in drainage channels made it difficult to assess for potential buried waste at the site.

5 Conclusion and Recommendations

5.1 Conclusions

Cardno (NSW/ACT) Pty Ltd (“Cardno”) was engaged by BlueScope Steel Limited (“the Client”) to prepare a Preliminary Site Investigation (PSI) for the property located at 84 Sheaffes Road, Kembla Grange NSW, legally identified as Lot 1 in Deposited Plan (DP) 588139. This PSI has been prepared for the client in support of a development application (DA) for the subdivision of land identified as Lot 1 DP 588139. The subject site is located within the West Dapto Urban Release Area (WDURA) within the Wollongong Local Government Area (LGA).

The site is predominantly undeveloped land used for livestock grazing and horse agistment with grassed areas situated in the central, north eastern and south eastern portions of the site. The south, middle and North West portions of the site are vegetated with a dense stand of remnant trees. The trees in the middle and southern portions of the site are identified as Illawarra Lowland Grassy Woodland, a Critically Endangered Ecological Community (CEEC) listed under the *Environment Protection and Biodiversity Conservation Act* (2000). A residential dwelling and associated sheds are situated along the eastern Site boundary and several derelict buildings associated with the former agricultural operation are located approximately 100m west of the residential dwelling. Derelict sheds and a horse track are situated in the south western portion of the site.

Two (2) experienced Cardno Environmental Scientists and Engineers inspected the site on the 12th of November 2018.

Based on the results of the PSI the following is concluded:

- > A review of historical information and observations noted during the site inspection indicate that the site has historically been used for agricultural purposes, primarily livestock grazing.
- > The southern portion of the site is predominantly occupied by a stand of trees listed as a critically endangered ecological community. The area was inspected during the investigation and appears generally undisturbed with the exception of dirt bike trails that have been created amongst the trees.
- > The Acid Sulphate Soil (ASS) Planning Maps provided by the NSW Department of Planning and the Wollongong Local Environmental Plan 2009 indicate that the site is situated on Class 5 land. Areas classified as Class 5 are located within 500 metres of adjacent class 1, 2, 3 or 4 land. Intrusive works in a Class 5 area that are likely to lower the water table below 1 metre on adjacent class 1, 2, 3 or 4 land will trigger the requirement for assessment and may require management.
- > As part of the *Phase 1 – Kembla grange Site Due Diligence Review* (Cardno, 2017), Cardno undertook 2D flood modelling to assess the existing flood conditions. The results indicated that shallow flooding (up to 0.15m in depth) may occur from Sheaffes Creek in the north-east of the Site during the Probable Maximum Flood (PMF). In addition, flooding of up to 1.2m may occur in the PMF in the north-east from Dapto Creek. Some shallow flooding (up to 0.3m) may also occur in the south-west from Sheaffes Creek. The assessment concluded that the majority of the developable land is considered to be flood free under the 100-year Average Return Interval (ARI) storm.
- > Based on information gathered during desktop searches and observations made during the site inspection the following PAECs have been identified:

Potential Area of Environmental Concern	Site Activity
PAEC01: Filling Areas	<p>Potential areas of filling were identified in the eastern portion of the site, specifically within the dam wall, creek crossing and in the vicinity of the dilapidated agricultural sheds and former building footprints. Asbestos fragments were identified on the surface within the fill lining the dam and were also identified within surface fillings in the vicinity of the dilapidated agricultural buildings and building footprints. The likely source of buried asbestos and fragments identified on the ground surface is from demolition of previous agricultural buildings and imported fill for the dam.</p> <p>Potential areas of filling were identified within the dam wall, lining the drainage channel, within the horse training track and within the building footprints in the western portion of the site.</p>
PAEC02: Stockpiles	<p>A stockpile of demolition and building waste contained within a concrete structure and comprising plasterboard, wood, steel, rubber, plastic and asbestos containing fibre cement fragments was observed adjacent to the dam in the eastern portion of the site.</p> <p>A soil stockpile was identified to the north of the residence in the eastern portion of the site and comprised silty CLAY material with fragments of asbestos containing pipe.</p> <p>A stockpile containing asphalt boulders was observed adjacent to the tree line in the middle portion of the site.</p> <p>Soil stockpiles of unknown composition were observed within the vicinity of the dilapidated sheds in the south west portion of the site.</p>
PAEC03: Equipment, Waste and Chemical Storage	<p>Discarded building materials and miscellaneous items of equipment were observed in the south-west portion of the site in the vicinity of the dilapidated sheds and horse training track. Discarded chemical storage vessels were observed within the sheds may have been associated with historical / current horse agistment practices.</p> <p>Miscellaneous mechanical equipment, including abandoned vehicle chassis were also observed sporadically within the vicinity of the dilapidated sheds and horse training track.</p>
PAEC04: Offsite Sources of Contamination	<p>To the immediate north of the site is an industrial parcel of land operating as a car parking facility for new cars arriving from Port Kembla. To the north-east is Whytes Gully Waste and Resource Recovery Centre.</p>

5.2 Recommendations

Given the results of this investigation, Cardno recommends the following:

- > Any future investigations should be undertaken in accordance with relevant regulatory guidance including the *National Environment Protection (Assessment of Site Contamination) Measure 1999*, as amended 2013.
- > If the findings of subsequent investigation(s) indicate that remediation is required a RAP must be prepared by a suitably qualified environmental consultant.
- > A 'SafeWork NSW Site Search for Schedule 11 Hazardous Chemicals on Premises' was pending at the time of this report. The results of the search should be reviewed and any findings incorporated into future phases of investigation
- > A hazardous material survey (HAZMAT) should be undertaken on the residential dwelling and associated sheds prior to demolition in order to identify any potential hazardous building materials that may be present within the property
- > Due to the presence of asbestos at the site, an Asbestos Management Plan (AMP) should be prepared to ensure asbestos is appropriately managed during remediation and redevelopment works;
- > Any future works involving soil disturbance should incorporate an unexpected finds protocol to facilitate the identification and management of previously undocumented contamination;
- > Any soil proposed for off-site excavation should be classified in accordance with the 2014 *NSW EPA Waste Classification Guidelines Part 1* and
- > Should future soil sampling identify risks to human health or the environment, these should be managed in accordance with the *Contaminated Land Management Act 1997*.

6 Limitations

This assessment has been undertaken in general accordance with the current “industry standards” for a PSI for the purpose and objectives and scope identified in this report. These standards are set out in:

- > National Environment Protection [Assessment of Site Contamination] Measure (NEPM), December 1999, National Environment Protection Council (NEPC).
- > National Environment Protection (Assessment of Site Contamination) Measure (NEPM) 1999 (NEPC, 1999) as varied May 2013 (the ‘NEPM 2013’).
- > AS4482.1- 2005: Guide to the sampling and investigation of potentially contaminated soil Part 1: Non-volatile and semi-volatile compounds. Standards Australia (2005).

The agreed scope of this assessment has been limited for the current purposes of the Client. The assessment may not identify contamination occurring in all areas of the site, or occurring after sampling was conducted. Subsurface conditions may vary considerably away from the sample locations where information has been obtained.

This Document has been provided by Cardno subject to the following limitations:

- > This Document has been prepared for the particular purpose outlined in Cardno’s proposal and no responsibility is accepted for the use of this Document, in whole or in part, in other contexts or for any other purpose.
- > The scope and the period of Cardno’s services are as described in Cardno’s proposal, and are subject to restrictions and limitations. Cardno did not perform a complete assessment of all possible conditions or circumstances that may exist at the site referenced in the Document. If a service is not expressly indicated, do not assume it has been provided. If a matter is not addressed, do not assume that any determination has been made by Cardno in regards to it.
- > Conditions may exist which were undetectable given the limited nature of the enquiry Cardno was retained to undertake with respect to the site. Variations in conditions may occur between investigatory locations, and there may be special conditions pertaining to the site which have not been revealed by the investigation and which have not therefore been taken into account in the Document. Accordingly, additional studies and actions may be required.
- > In addition, it is recognised that the passage of time affects the information and assessment provided in this Document. Cardno’s opinions are based upon information that existed at the time of the production of the Document. It is understood that the services provided allowed Cardno to form no more than an opinion of the actual conditions of the site at the time this Document was prepared and cannot be used to assess the effect of any subsequent changes in the quality of the site, or its surroundings, or any laws or regulations.
- > Any assessments made in this Document are based on the conditions indicated from published sources and the investigation described. No warranty is included, either express or implied, that the actual conditions will conform exactly to the assessments contained in this Document.
- > Where data supplied by the client or other external sources, including previous site investigation data, have been used, it has been assumed that the information is correct unless otherwise stated. No responsibility is accepted by Cardno for incomplete or inaccurate data supplied by others.
- > Cardno may have retained sub consultants affiliated with Cardno to provide services for the benefit of Cardno. To the maximum extent allowed by law, the Client acknowledges and agrees it will not have any direct legal recourse to, and waives any claim, demand, or cause of action against, Cardno’s affiliated companies, and their employees, officers and directors.

This assessment report is not any of the following:

- > A Site Audit Report or Site Audit Statement (SAR/SAS) as defined under the Contaminated Land Management Act, 1997 or an assessment sufficient for an Environmental Auditor to be able to conclude a SAR/SAS.
- > A geotechnical report and the bore logs/test pit logs may not be sufficient for geotechnical advice.
- > A detailed hydrogeological assessment in conformance with NSW DEC (2007) Contaminated Sites: Guidelines for the Assessment and Management of Groundwater Contamination.

- > An assessment of groundwater contaminants potentially arising from other sites or sources nearby.
- > A total assessment of the site to determine suitability of the entire parcel of land at the site for one or more beneficial uses of land.

7 References

Camp Scott Furphy Pty Ltd Consulting Engineers (1979) Environmental Impact Statement, Proposed Sanitary Landfill Site at West Dapto. Prepared May 1979.

Cardno (2017) Phase 1 – Kembla Grange Site Due Diligence Review, Prysmian Factory Relocation. Prepared for Prysmian Australia Pty Ltd, June 2017

DECC (2009) Contaminated Sites: Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act 1997. Department of Environment and Climate Change NSW, Sydney. June 2009.

Golder Associates (1978) Site Suitability Assessment, Proposed Sanitary Landfill site at West Dapto.

NEPC (1999) Guideline on the Investigation Levels for Soil and Groundwater' of the National Environment Protection (Assessment of Site Contamination) Measure (NEPM) 1999 (NEPC, 1999) as varied May 2013 (the 'NEPM 2013');

NSW DPI Water (2017) Groundwater Map, Greater Sydney Region, Georges River Basin. Accessed 22 August 2017.

NSW EPA (1997) Contaminated Sites: Guidelines for Consultants reporting on Contaminated Sites. NSW Environment Protection Authority, Sydney. Reprinted August 2011.

Standards Australia (2005) Australian Standard 4482.1-2005: Guide to the Investigation and Sampling of Sites with Potentially Contaminated Soil.

Websites

Nearmap

www.nearmap.com

NSW Environment and Heritage, eSPADE NSW Soil and Land Information Online Mapping Tool

<http://www.environment.nsw.gov.au/eSpadeWebapp/>

NSW Environment and Heritage, Search for NSW Heritage

<http://www.environment.nsw.gov.au/heritageapp/heritagesearch.aspx>

NSW Department of Primary Industries – Water, Online Groundwater Mapping tool

<http://allwaterdata.water.nsw.gov.au/water.stm>

Shellharbour City Council Online Mapping Tool

<http://www.mapping.shellharbour.nsw.gov.au/IntraMaps80/>

OEH Contaminated Land Record of Notices

<http://www.epa.nsw.gov.au/prclmapp/aboutregister.aspx>

POEO Public Register

<http://www.epa.nsw.gov.au/prpoeoapp/>

NSW Land and Property Information

<http://www.lpi.nsw.gov.au/>

APPENDIX

A

FIGURES



Location Plan

PRELIMINARY SITE INVESTIGATION
- BLUESCOPE LANDS

Legend

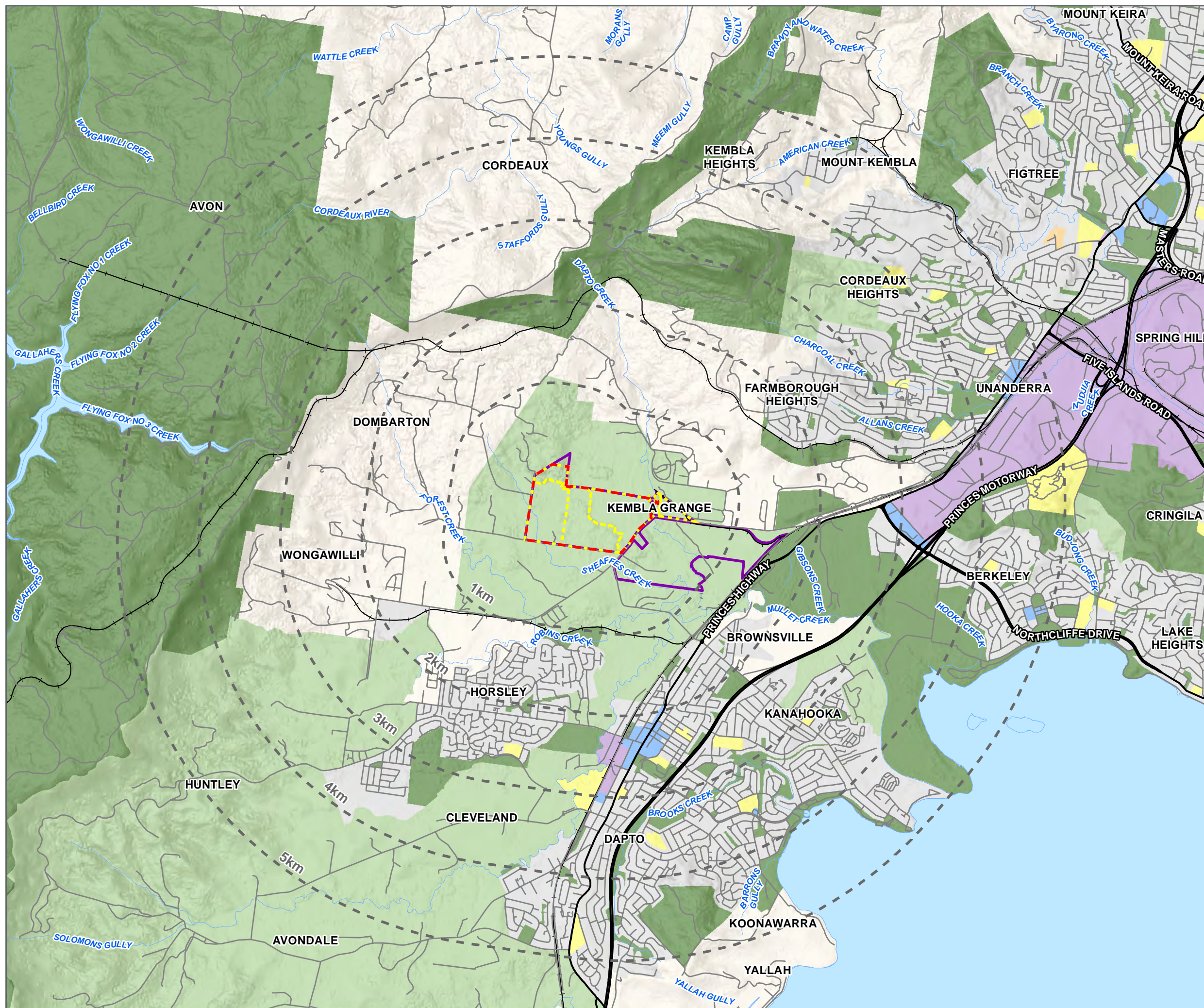
- Site Boundary
- Distance Buffer
- Major Road (LPI)
- Local Road (LPI)
- Railway (LPI)
- Major Watercourse (LPI)
- Superlot Boundary
- Bluescope Landholdings
- Land Use (ABS, 2016)**
 - Other
 - Commercial
 - Education
 - Hospital/Medical
 - Industrial
 - Parkland
 - Primary Production
 - Residential
 - Water

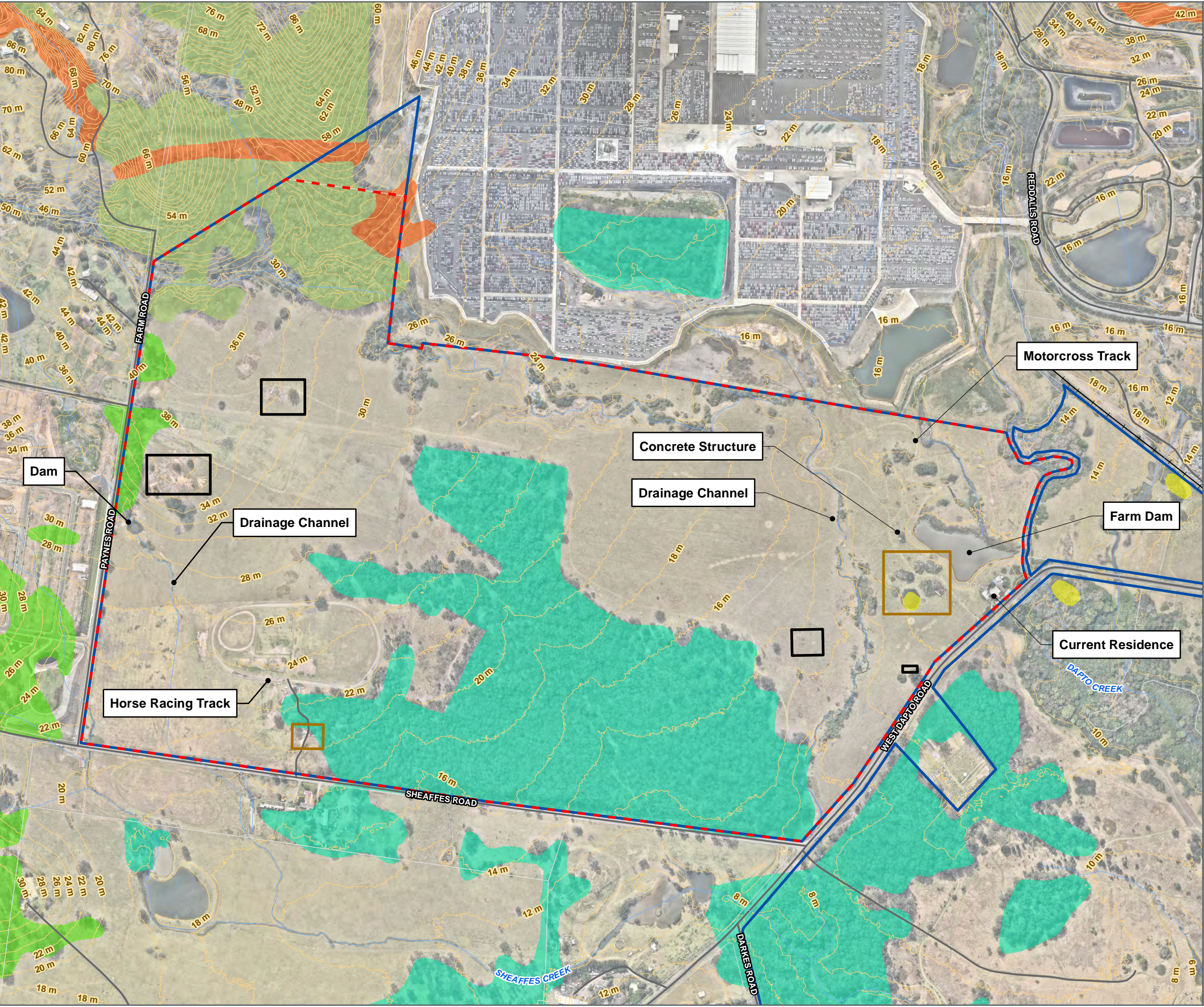
FIGURE 1

1:45,000 Scale at A3



Map Produced by Cardno NSW/ACT Pty Ltd (WOL)
Date: 2018-11-13 | Project: 82019111-01
Coordinate System: GDA 1994 MGA Zone 56
Map: 82019111-01-GS-012-PSI_LocationPlan.mxd 01





Site Plan

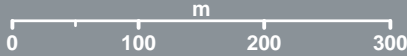
PRELIMINARY SITE INVESTIGATION
- BLUESCOPE LANDS

Legend

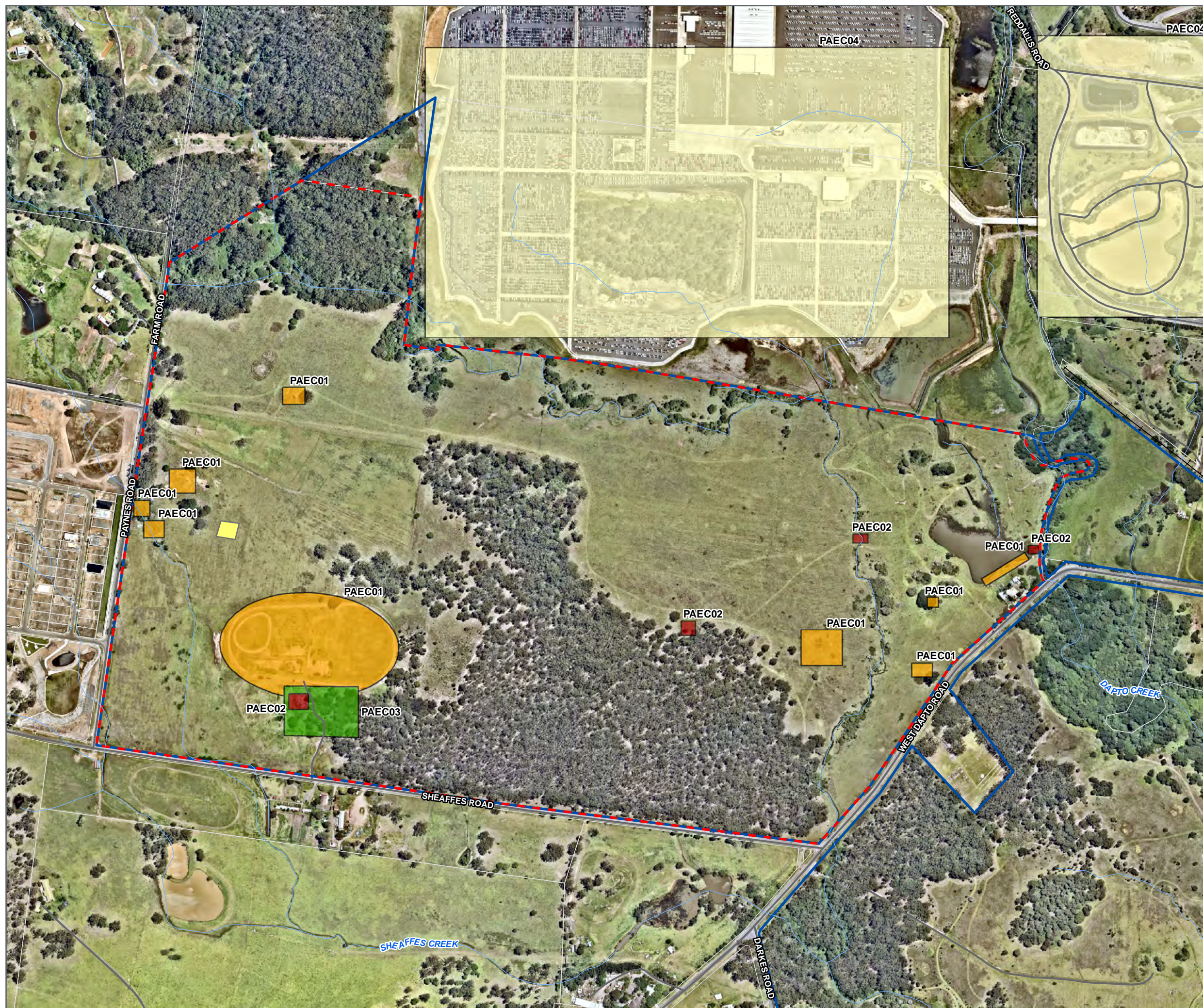
- Site Boundary
- Railway (LPI)
- Local Road (LPI)
- Watercourse (LPI)
- 2m Contours (LPI LiDAR, 2013)
- Building Remnants
- Dilapidated Buildings
- Cadastral (DFS-SS, 2018)
- Bluescope Landholdings
- Illawarra Vegetation Communities (NPWS, 2002)**
 - Acacia Scrub
 - Coastal Grassy Red Gum Forest
 - Fig Trees
 - Lowland Woollybutt-Melaleuca Forest
 - Moist Coastal White Box Forest

FIGURE 2

1:6,000 Scale at A3



Map Produced by Cardno NSW/ACT Pty Ltd (WOL)
Date: 2018-11-16 | Project: 82019111-01
Coordinate System: GDA 1994 MGA Zone 56
Map: 82019111-01-GS-011-PSI_SitePlan.mxd 03
Aerial imagery supplied by nearmap (October, 2018)



Potential Areas of Environmental Concern

PRELIMINARY SITE INVESTIGATION
- BLUESCOPE LANDS

Legend

- Site Boundary
 - Railway (LPI)
 - Local Road (LPI)
 - Watercourses (LPI)
 - Cadastre (DFSI-SS, 2018)
 - Bluescope Landholdings
 - Former Structure for Inspection
- Potential Area of Environmental Concern**
- PAEC01: Filling Areas (5.02 ha)
 - PAEC02: Stockpiles (0.19 ha)
 - PAEC03: Equipment Waste and Chemical Storage (0.98 ha)
 - PAEC04: Offsite Sources of Contamination

FIGURE 3

1:6,000 Scale at A3



Map Produced by Cardno NSW/ACT Pty Ltd (WOL)
Date: 2019-04-15 | Project: 82019111-01
Coordinate System: GDA 1994 MGA Zone 56
Map: 82019111-01-GS-014-PSL_PAEC 02.mxd 02
Aerial imagery supplied by nearmap (October, 2018)

APPENDIX

B

SITE PHOTOGRAPHS



Photograph 1 – Overview of the north-east portion of the site, as observed on 12.11.2018



Photograph 2 – Interior of dilapidated sheds located in the eastern portion of the site, as observed on the 12.11.2018



Photograph 3 – Interior of dilapidated sheds located in the eastern portion of the site, as observed on the 12.11.2018



Photograph 4 – Imported fill material used as a crossing, as observed on the 12.11.2018



Photograph 5 – Fill lining the drainage channel in the western portion of the site, observed on the 12.11.2018



Photograph 6 – Soil mounds comprising a motocross track, observed on the 12.11.2018



Photograph 7 – Stockpiles of unknown composition in the south western portion of the site, observed on the 12.11.2018



Photograph 8 – Miscellaneous waste in the south western portion of the site, observed on the 12.11.2018



Photograph 9 – Dam in the western portion of the site, observed on the 12.11.2018



Photograph 10 – Bonded asbestos pipe identified in the eastern portion of the site, as observed on the 12.11.2018



Photograph 11 – Bonded asbestos fragments identified in the eastern portion of the site, as observed on the 12.11.2018



Photograph 12 – Stockpile of demolition waste containing bonded asbestos fragments, identified in the eastern portion of the site, as observed on the 12.11.201



Photograph 13 – Identified bonded asbestos fragments within the fill of the dam in the eastern portion of the site, observed on the 12.11.2018



Photograph 14 – Suspected ACM sheeting attached to one of the concrete footings in the eastern portion of the site, as observed on the 12.11.2018



Photograph 15 – Dilapidated site shed in the south western portion of the site, as observed on the 12.11.2018



Photograph 16 – Empty chemical storage containers in the dilapidated sheds, as observed on the 12.11.2018



Photograph 17 – Abandoned vehicles within the vicinity of the horse training track, as observed on the 12.11.2018



Photograph 18 –Horse training track, as observed on the 12.11.2018



Photograph 19 –Former building footprint and associated fill identified in the western portion of the site, as observed on the 12.11.2018



Photograph 20 –Former building footprint and associated fill identified in the western portion of the site, as observed on the 12.11.2018

APPENDIX

C

GROUNDWATER DATABASE SEARCH RESULTS

NSW Office of Water

Work Summary

GW010779

Licence:

Licence Status:

Authorised Purpose(s):

Intended Purpose(s): GENERAL USE

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:

Completion Date: 01/05/1954

Final Depth: 30.40 m

Drilled Depth: 30.50 m

Contractor Name:

Driller:

Assistant Driller:

Property:

GWMA:

GW Zone:

Standing Water Level

(m):

Salinity Description: 3001-7000 ppm

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: CAMDE
Licensed:

Parish
CAMDE.031

Cadastre
47

Region: 10 - Sydney South Coast

CMA Map: 9029-2S

River Basin: 214 - WOLLONGONG COAST
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6183211.0
Easting: 296347.0

Latitude: 34°28'21.3"S
Longitude: 150°46'57.2"E

GS Map: -

MGA Zone: 0

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	14.20	127			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
10.00	10.30	0.30	(Unknown)	9.70		0.13			
27.70	28.60	0.90	Consolidated	9.70		0.45			

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	10.06	10.06	Clay	Clay	
10.06	12.80	2.74	Rock Decomposed Water Supply	Rock	
12.80	30.48	17.68	Sandstone Marine Water Supply	Sandstone	

Remarks

*** End of GW010779 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

NSW Office of Water

Work Summary

GW028786

Licence: 10BL022544

Licence Status: CONVERTED

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1968

Final Depth: 55.70 m
Drilled Depth: 55.80 m

Contractor Name:

Driller:

Assistant Driller:

Property: WOLLONGONG CITY COUNCIL
BILGUY WEST DAPTO ROAD
KEMBLA GRANGE 2526 NSW
GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: CAMDE
Licensed: CAMDEN

Parish
CAMDE.031
KEMBLA

Cadastre
45
Whole Lot //

Region: 10 - Sydney South Coast

CMA Map: 9029-2S

River Basin: 214 - WOLLONGONG COAST
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6182868.0
Easting: 296175.0

Latitude: 34°28'32.3"S
Longitude: 150°46'50.2"E

GS Map: -

MGA Zone: 0

Coordinate Source: PR.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	19.80	127			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.10	20.70	0.60	Fractured	12.10		0.13			
55.40	55.70	0.30	Consolidated	5.90		9.09			

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Made Ground	Fill	
0.30	20.11	19.81	Clay Gravel Mixed	Clay	
20.11	30.17	10.06	Rock Green Basaltic Water Supply	Rock	
30.17	40.23	10.06	Basalt	Basalt	

40.23	55.77	15.54	Sandstone Grey Water Supply	Sandstone	
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Remarks

*** End of GW028786 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

APPENDIX

D

NSW EPA DATABASE SEARCH RESULTS

List of NSW contaminated sites notified to EPA

List current as of 05 October 2018

Suburb	Site Name	Site Address	Contamination Activity Type	Management Class
KELSO	Caltex Service Station Kelso	19 Sydney ROAD	Service Station	Regulation under CLM Act not required
KEMBLA GRANGE	ShawCor Australia	66 West Dapto ROAD	Other Petroleum	Regulation under CLM Act not required
KEMBLAWARRA	Griffins Bay, Lake Illawarra	Shellharbour ROAD	Landfill	Regulation under CLM Act not required

Site Status	Explanation
Under assessment	The contamination is being assessed by the EPA to determine whether regulation is required. The EPA may require further information to complete the assessment. For example, the completion of management actions regulated under the planning process or <i>Protection of the Environment Operations Act 1997</i> . Alternatively, the EPA may require information via a notice issued under s77 of the <i>Contaminated Land Management Act 1997</i> or issue a Preliminary Investigation Order.
Regulation under CLM Act not required	The EPA has completed an assessment of the contamination and decided that regulation under the <i>Contaminated Land Management Act 1997</i> is not required.

Search results



Your search for: **General Search** with the following criteria

Suburb - kembla grange
returned 77 results

Number	Name	Location	Type	Status	Issued date
11894	APC SOCOTHERM PTY LIMITED	LOT 562 REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	POEO licence	Surrendered	25-Aug-03
1032916	APC SOCOTHERM PTY LIMITED	LOT 562 REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	17-Dec-07
1085617	APC SOCOTHERM PTY LIMITED	LOT 562 REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	16-May-08
1090857	APC SOCOTHERM PTY LIMITED	LOT 562 REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	28-Aug-08
1110460	APC SOCOTHERM PTY LIMITED	LOT 562 REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	27-Apr-10
1118061	APC SOCOTHERM PTY LIMITED	LOT 562 REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	9-Aug-10
1505695	APC SOCOTHERM PTY LIMITED	LOT 562 REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	30-Apr-12
10776	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	POEO licence	Surrendered	30-Jun-00
1014175	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	18-Feb-02
1026913	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	19-May-03
1030227	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	23-Jan-04
1037184	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	28-May-04
1040518	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	13-Oct-04
1044111	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	10-Feb-05
1074300	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	11-Dec-07
1097012	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	14-May-09
1106339	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	14-Sep-09
1108358	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	2-Nov-09
1110267	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	16-Feb-10
1112087	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	17-Mar-10
1505679	BREDERO SHAW AUSTRALIA PTY LTD	66 WEST DAPTO ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	30-May-12
20747	BUILDING PRODUCTS SUPPLIES PTY. LIMITED	LOT 21 CANTERBURY ROAD, KEMBLA GRANGE, NSW 2526	POEO licence	Issued	5-Apr-16
21072	CANTERBURY ROAD KEMBLA GRANGE PTY LTD	Lot 22 DP 1070953 Canterbury Road , KEMBLA GRANGE, NSW 2526	POEO licence	Issued	16-Oct-18
3173523147	Darren Brown	35 West Dapto Road, KEMBLA GRANGE, NSW 2526	Penalty Notice	Issued	25-Aug-17
20601	KEMBLA GRANGE RECYCLING PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	POEO licence	Issued	15-Mar-16
1555041	KEMBLA GRANGE RECYCLING PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.96 Prevention Notice	Issued	7-Aug-17
1555624	KEMBLA GRANGE RECYCLING PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.110 Variation of Prevention Notice	Issued	18-Aug-17
1556289	KEMBLA GRANGE RECYCLING PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.110 Variation of Prevention Notice	Issued	6-Sep-17
1557305	KEMBLA GRANGE RECYCLING PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.110 Variation of Prevention Notice	Issued	3-Oct-17
1558107	KEMBLA GRANGE RECYCLING PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.110 Variation of Prevention Notice	Issued	29-Oct-17
1558888	KEMBLA GRANGE RECYCLING PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.91 Clean Up Notice	Issued	7-Dec-17
1559601	KEMBLA GRANGE RECYCLING PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.110 Variation of Clean Up Notice	Issued	12-Dec-17

1562446	KEMBLA GRANGE RECYCLING PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.110 Variation of Clean Up Notice	Issued	2-Mar-18
12978	ONESTEEL TRADING PTY LIMITED	132 West Dapto Road, KEMBLA GRANGE, NSW 2526	POEO licence	Surrendered	3-Nov-08
1095287	ONESTEEL TRADING PTY LIMITED	132 West Dapto Road, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	10-Dec-08
1097522	ONESTEEL TRADING PTY LIMITED	132 West Dapto Road, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	11-Feb-09
1098867	ONESTEEL TRADING PTY LIMITED	132 West Dapto Road, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	20-Mar-09
1100630	ONESTEEL TRADING PTY LIMITED	132 West Dapto Road, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	18-May-09
1118665	ONESTEEL TRADING PTY LIMITED	132 West Dapto Road, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	24-Dec-10
1124478	ONESTEEL TRADING PTY LIMITED	132 West Dapto Road, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	21-Feb-11
1502128	ONESTEEL TRADING PTY LIMITED	132 West Dapto Road, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	11-Nov-11
13382	PAR RECYCLING SERVICES PTY LTD	115 Reddalls Road, KEMBLA GRANGE, NSW 2526	POEO licence	Surrendered	28-May-12
3085769565	PAR RECYCLING SERVICES PTY LTD	115 Reddalls Road, KEMBLA GRANGE, NSW 2526	Penalty Notice	Issued	18-Mar-13
21174	SOILCO PTY LIMITED	2 / 132 West Dapto Road, KEMBLA GRANGE, NSW 2526	POEO licence	Pending	
13171	SOILCO PTY LIMITED	61 Reddalls Rd, KEMBLA GRANGE, NSW 2526	POEO licence	Issued	28-Oct-09
1507909	SOILCO PTY LIMITED	61 Reddalls Rd, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	3-May-13
1550925	SOILCO PTY LIMITED	61 Reddalls Rd, KEMBLA GRANGE, NSW 2526	s.91 Clean Up Notice	Issued	4-Apr-17
3173523201	SOILCO PTY LIMITED	61 Reddalls Rd, KEMBLA GRANGE, NSW 2526	Penalty Notice	Issued	29-Aug-17
3173523210	SOILCO PTY LIMITED	61 Reddalls Rd, KEMBLA GRANGE, NSW 2526	Penalty Notice	Issued	29-Aug-17
1571069	SOILCO PTY LIMITED	61 Reddalls Rd, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Pending	8-Oct-18
20651	SOUTH COAST TYRE RECYCLING PTY LTD	35 West Dapto Road, KEMBLA GRANGE, NSW 2526	POEO licence	Issued	1-Dec-15
3173523138	SOUTH COAST TYRE RECYCLING PTY LTD	35 West Dapto Road, KEMBLA GRANGE, NSW 2526	Penalty Notice	Issued	25-Aug-17
20628	VISY PAPER PTY. LTD.	113 REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	POEO licence	Issued	7-Oct-16
1566297	VISY PAPER PTY. LTD.	113 REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	Compliance Audit	Complete	25-Jun-18
5862	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	POEO licence	Issued	6-Dec-00
1004923	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	27-Mar-01
1006649	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	14-Jun-01
1010783	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	18-Oct-01
1013124	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	15-Mar-02
1018823	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	8-Jul-02
1040733	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	14-Mar-05
1046062	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	10-Oct-05
1080328	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	20-Nov-07
1092800	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	17-Oct-08
1095240	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	26-Nov-08
1506302	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	23-Aug-13
3085774020	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	Penalty Notice	Issued	22-May-14
3085774039	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	Penalty Notice	Issued	22-May-14
1522234	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	8-Jul-14
1525454	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	28-Oct-14
1532651	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	1-Sep-15

1546335	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	23-Nov-16
1547871	WOLLONGONG CITY COUNCIL	REDDALLS ROAD, KEMBLA GRANGE, NSW 2526	s.58 Licence Variation	Issued	20-Jan-17
1557160	WOLLONGONG RECYCLING (NSW) PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.91 Clean Up Notice	Issued	3-Oct-17
1557816	WOLLONGONG RECYCLING (NSW) PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.110 Variation of Clean Up Notice	Issued	24-Oct-17
1558677	WOLLONGONG RECYCLING (NSW) PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.110 Variation of Clean Up Notice	Issued	17-Nov-17
1562257	WOLLONGONG RECYCLING (NSW) PTY LTD	50 Wyllie Road, KEMBLA GRANGE, NSW 2526	s.91 Clean Up Notice	Issued	27-Apr-18

Clean-Up Notice

Licence - 13171



SOILCO PTY LTD
ABN 85 055 303 243
PO Box 199
UNANDERRA NSW 2526

Attention: Mr Charlie Emery

Notice Number	1550925
File Number	EF13/4521
Date of Issue	04-Apr-2017

Dear Mr Emery

NOTICE OF CLEAN-UP ACTION

DEFINITIONS

In this Notice, unless explicitly stated otherwise, the following definitions apply:

- a. The EPA - NSW Environment Protection Authority;
- b. The POEO Act - the *Protection of the Environment Operations Act 1997*;
- c. The Regulation - the *Protection of the Environment Operations (Waste) Regulation 2014*;
- d. Waste - as defined in the Dictionary of the POEO Act;
- e. Air Pollution - as defined in the Dictionary of the POEO Act;
- f. Water Pollution - as defined in the Dictionary of the POEO Act;
- g. Pollution Incident - as defined in the Dictionary of the POEO Act; and
- h. The Premises - Soilco Pty Ltd facility at 61 Reddalls Road, Kembla Grange, NSW.

Note: Current copies of legislation referred to in this Notice can be found at www.legislation.nsw.gov.au.

BACKGROUND

- A. Soilco Pty Ltd (the Licensee) holds Environmental Protection Licence No. 13171 (the Licence) permitting waste and composting activities at the Premises.
- B. The Licence includes a number of conditions requiring that activities be carried out in a competent manner and that plant and equipment be maintained and operated in a proper and efficient manner. Furthermore, the Licence prohibits the emission of offensive odour and the pollution of waters.

Clean-Up Notice



- C. Since late February 2017, the EPA has received over 30 odour complaints from residents of the Farmborough Heights area.
- D. The EPA has conducted numerous odour surveys and compliance inspections as a result of these odour complaints and on 28 March 2017, identified that leachate and/or leachate contaminated stormwater was discharging from the Premises, flowing into nearby stormwater drains, and overflowing onto nearby premises. Furthermore, this leachate and/or leachate contaminated stormwater was highly odorous, was identified offsite and in the Farmborough Heights areas, and considered offensive.
- E. On 28 March 2017, the EPA provided the Licensee with an opportunity to remedy these matters voluntarily without Notices.
- F. On 03 April 2017, the EPA attended the Premises to check on clean-up activities and identified that leachate and/or leachate contaminated stormwater was still discharging from the Premises. Furthermore, offensive odour was again identified offsite and again considered offensive.
- G. The EPA is of the opinion that the Licensee is breaching conditions of the Licence and therefore breaching Section 64(1) of the POEO Act.
- H. The EPA is also of the opinion, based on the evidence obtained on 28 March and 03 April 2017, and information provided to it by the Licensee and others, including nearby businesses, that leachate and/or leachate contaminated stormwater has been discharging from the Premises for a number of yet to be determined days, which is generating offensive odours affecting residents of the Farmborough Heights area causing air pollution and also causing water pollution.
- I. The EPA therefore reasonably suspects that a Pollution Incident is occurring as a result of those activities being undertaken by the Licensee at the Premises and that further actions are required to remedy the Pollution Incident.
- J. The EPA may, by notice in writing, and where it reasonably suspects that a Pollution Incident has occurred or is occurring, direct the occupier of Premises or the relevant person responsible for causing that Pollution Incident to take such clean-up action as specified.

PURPOSE FOR WHICH THIS NOTICE IS ISSUED

This Notice is issued to prevent the further discharge of leachate and/or leachate contaminated stormwater and prevent the emission of offensive odour from this material.

DIRECTION TO TAKE CLEAN-UP ACTION

The EPA directs SOILCO PTY LTD to take the following clean-up action:

1. Immediately, on receipt of this Notice, engaged a liquid waste contractor to attend the Premises as soon as possible and remove and lawfully dispose of all leachate and leachate contaminated stormwater in any onsite tank, pit, sump or drain within the Premises and continue to do so until Direction 2 a) or b) is complied with.

Note: Evidence of this engagement, waste removal, transport and disposal must be retained by SOILCO PTY LTD.

2. a)

As soon as possible and by no later than **5pm on 7 April 2017**, isolate all leachate and all leachate contaminated stormwater onsite and put in place practices and mechanisms to prevent any further discharges of such material from the Premises.

Clean-Up Notice



OR if 2 a) is not achievable or requires Development Approval etc:

b)

By **5pm on 7 April 2017**, cease all activities onsite until a system is put in place to isolate all leachate and all leachate contaminated stormwater onsite and put in place practices and mechanisms to prevent any further discharges of such material from the Premises.

3. As soon as possible and by no later than **5pm on 7 April 2017**, remove and lawfully dispose of all leachate and leachate contaminated stormwater that has discharged from the Premises and any affected soils.

Note 1: Evidence of any engagement, waste removal, transport and disposal must be retained by SOILCO PTY LTD.

Note 2: Permission to enter neighboring premises may be required to comply with this Direction.

4. As soon as possible and by no later than **5pm on 9 April 2017**, disinfect and deodorise the areas affected by any leachate and leachate contaminated stormwater that has discharged from the Premises.

FEE TO BE PAID

- You are required by law to pay a fee of \$520 for the administrative costs of issuing this Notice. An invoice for the fee has been attached to this Notice.
- It is an offence not to pay this fee. However you can apply for an extension of time to pay the fee or for the fee to be waived. At the end of this Notice there is information about how and when to pay the fee and how to apply for an extension or a waiver of the fee.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Matthew Corradin'.

MATTHEW CORRADIN
Unit Head Waste Compliance
Environment Protection Authority
(by Delegation)

INFORMATION ABOUT THIS CLEAN-UP NOTICE

- This Notice is issued under Section 91 of the POEO Act.
- It is an offence against the POEO Act not to comply with this Notice without lawful excuse.

Clean-Up Notice



Penalty for not complying with this Notice

- The maximum penalty for a corporation is \$1,000,000 and a further \$120,000 for each day the offence continues. The maximum penalty for an individual is \$250,000 and a further \$60,000 for each day the offence continues.

Cost recovery from the person who caused the incident

- If you comply with this Notice but you are not the person who caused the Pollution Incident to which the Notice relates, you have a right to go to court to recover your costs of complying with the Notice from the person who caused the Pollution Incident.

Deadline for paying the fee

- The fee must be paid by **no later than 30 days after the date of this Notice**, unless the EPA extends the time to pay the fee, or waives the fee.

How to pay the fee

- Possible methods of payment are listed on the last page of the attached invoice/statement.
- Please include the payment slip from the attached invoice/statement with your payment.

How to apply for an extension of time to pay/waive the fee

- Any application for and extension of time to pay the fee or for the fee to be waived should be made in writing to the EPA. The application should set out clearly why you think your application should be granted.

Other cost

- The POEO Act allows the EPA to recover from you reasonable costs and expenses it incurs in monitoring action taken under this Notice, ensuring the Notice is complied with and associated matters. (If you are going to be required to pay these costs and expenses you will later be sent a separate Notice called a "Notice Requiring Payment of Reasonable Costs and Expenses").

Continuing obligation

- Under Section 319A of the POEO Act, your obligation to comply with the requirements of this Notice continues until the Notice is complied with, even if the due date for compliance has passed.

Variation of this notice

- This Notice may only be varied by subsequent notices issued by the EPA.

APPENDIX

E

HISTORICAL LAND TITLE

ABN: 42 166 543 255
Ph: 02 9099 7400
Fax: 02 9232 7141

Level 14, 135 King Street, Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

Summary of Owners Report

LPI

Sydney

Address: 84 Sheaffes Road, Kemble Grange

Description: - Lot 1 D.P. 795839

As regards the part numbered 1 on W7377-3

<u>Date of Acquisition and term held</u>	<u>Registered Proprietor(s) & Occupations where available</u>	<u>Reference to Title at Acquisition and sale</u>
24.03.1922 (1922 to 1945)	Samuel Brown Taylor (Farmer) & his deceased estate	Book 1255 No. 78
15.12.1945 (1945 to 1951)	Beryl Evelyn Harshaw (Married Woman)	Book 1978 No. 381
16.11.1951 (1951 to 1962)	The Greater Wollongong City Council Now The Council of the City of Greater Wollongong (For the Purpose of Establishing a Sanitary Depot for the Disposal of Nightsoil and for the Cleansing of Pans)	Government Gazette 16.11.1951
08.10.1962 (1962 to 1967)	Beryl Evelyn Harshaw (Married Woman) Also known as Beryl Evelyn Marie Maitland Harshaw (Married Woman) & her deceased estate	Book 2627 No. 952
07.07.1967 (1967 to Date)	# Australian Iron & Steel Proprietary Limited Then # Australian Iron and Steel Pty Ltd Now # BHP Steel (AIS) Pty Ltd	Book 2853 No. 904 Now 1/588139

Denotes Current Registered Proprietor

Easements & Leases: -NIL

As regards the part numbered 2 & 3 on W7377-3

<u>Date of Acquisition and term held</u>	<u>Registered Proprietor(s) & Occupations where available</u>	<u>Reference to Title at Acquisition and sale</u>
24.03.1922 (1922 to 1945)	Samuel Brown Taylor (Farmer) & his deceased estate	Book 1255 No. 78
15.12.1945 (1945 to 1958)	Beryl Evelyn Harshaw (Married Woman)	Book 1978 No. 381
30.06.1958 (1958 to 1961)	Goldsbrough Mort and Company Limited (Trustees for Australian Iron & Steel Proprietary Limited)	Book 2450 No. 129
30.06.1958 (1958 to Date)	# Australian Iron & Steel Proprietary Limited Then # Australian Iron and Steel Pty Ltd Now # BHP Steel (AIS) Pty Ltd	Book 2606 No. 167 Now 1/588139

Denotes Current Registered Proprietor

Easements: -

- 15.04.1964 (Book 2716 No. 185) – Easement for Water Supply 5.03 wide (Part 3 on

Leases: -NIL

ABN: 42 166 543 255
Ph: 02 9099 7400
Fax: 02 9232 7141

Level 14, 135 King Street, Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

As regards the part numbered 4 on W7377-3

<u>Date of Acquisition and term held</u>	<u>Registered Proprietor(s) & Occupations where available</u>	<u>Reference to Title at Acquisition and sale</u>
06.08.1883 (1883 to 1939)	George McPhail (Farmer) & his deceased estate	Book 290 No. 868
08.05.1939 (1939 to 1949)	John McPhail (Farmer) & his deceased estate	Book 1849 No. 288
13.06.1949 (1949 to 1958)	Colin George McPhail (Farmer) Grace Pankhurst McPhail (Married Woman)	Book 2089 No. 855
31.07.1958 (1958 to 1961)	Goldsbrough Mort and Company Limited (Trustees for Australian Iron & Steel Proprietary Limited)	Book 2453 No. 974
31.07.1958 (1958 to Date)	# Australian Iron & Steel Proprietary Limited Then # Australian Iron and Steel Pty Ltd Now # BHP Steel (AIS) Pty Ltd	Book 2606 No. 177 Now 1/588139

Denotes Current Registered Proprietor

Easements & Leases: -NIL

As regards the part numbered 5 on W7377-3

<u>Date of Acquisition and term held</u>	<u>Registered Proprietor(s) & Occupations where available</u>	<u>Reference to Title at Acquisition and sale</u>
06.07.1878 (1878 to 1939)	George McPhail (Farmer) & his deceased estate	Book 183 No. 735
08.05.1939 (1939 to 1949)	John McPhail (Farmer) & his deceased estate	Book 1849 No. 288
13.06.1949 (1949 to 1958)	Colin George McPhail (Farmer) Grace Pankhurst McPhail (Married Woman)	Book 2089 No. 855
31.07.1958 (1958 to 1961)	Goldsbrough Mort and Company Limited (Trustees for Australian Iron & Steel Proprietary Limited)	Book 2453 No. 974
31.07.1958 (1958 to Date)	# Australian Iron & Steel Proprietary Limited Then # Australian Iron and Steel Pty Ltd Now # BHP Steel (AIS) Pty Ltd	Book 2606 No. 177 Now 1/588139

Denotes Current Registered Proprietor

Easements: -

- 15.04.1964 (Book 2716 No. 185) – Easement for Water Supply 5.03 wide

Leases: -NIL

ABN: 42 166 543 255
Ph: 02 9099 7400
Fax: 02 9232 7141

Level 14, 135 King Street, Sydney 2000
GPO Box 4103 Sydney NSW 2001
DX 967 Sydney

As regards the part numbered 6 on W7377-3

<u>Date of Acquisition and term held</u>	<u>Registered Proprietor(s) & Occupations where available</u>	<u>Reference to Title at Acquisition and sale</u>
06.08.1883 (1883 to 1949)	George McPhail (Farmer) & his deceased estate	Book 290 No. 868
18.02.1949 (1949 to 1958)	George Colin McPhail (Farmer)	Book 2095 No. 292
31.07.1958 (1958 to 1961)	Goldsbrough Mort and Company Limited (Trustees for Australian Iron & Steel Proprietary Limited)	Book 2453 No. 975
31.07.1958 (1958 to Date)	# Australian Iron & Steel Proprietary Limited Then # Australian Iron and Steel Pty Ltd Now # BHP Steel (AIS) Pty Ltd	Book 2606 No. 169 Now 1/588139

Denotes Current Registered Proprietor

Easements: -

- 18.02.1949 (Book 2095 No. 292) – Lane or Right of Way 20 feet wide – This right of way has not been carried forward onto the current title. We have not investigated which land benefits from the use of this lane or right of way 20 feet wide

Leases: -NIL

As regards the part numbered 7 on W7377-3

<u>Date of Acquisition and term held</u>	<u>Registered Proprietor(s) & Occupations where available</u>	<u>Reference to Title at Acquisition and sale</u>
06.07.1878 (1878 to 1939)	George McPhail (Farmer) & his deceased estate	Book 183 No. 735
08.05.1939 (1939 to 1949)	John McPhail (Farmer) & his deceased estate	Book 1849 No. 288
14.06.1939 (1939 to 1945)	Evan Alexander John Steel Wilson (Shire Council Employee) Gwenneth Carlyle Wilson (Married Woman)	Book 1850 No. 55
08.05.1945 (1945 to 1954)	William Francis Monie (Dairy Farmer) & his deceased estate	Book 1962 No. 858
13.07.1954 (1954 to 1959)	Walter Adie (Iron Worker)	Book 2301 No. 27
03.02.1959 (1959 to 1961)	Goldsbrough Mort and Company Limited (Trustees for Australian Iron & Steel Proprietary Limited)	Book 2474 No. 54
03.02.1959 (1959 to Date)	# Australian Iron & Steel Proprietary Limited Then # Australian Iron and Steel Pty Ltd Now # BHP Steel (AIS) Pty Ltd	Book 2603 No. 72 Now 1/588139

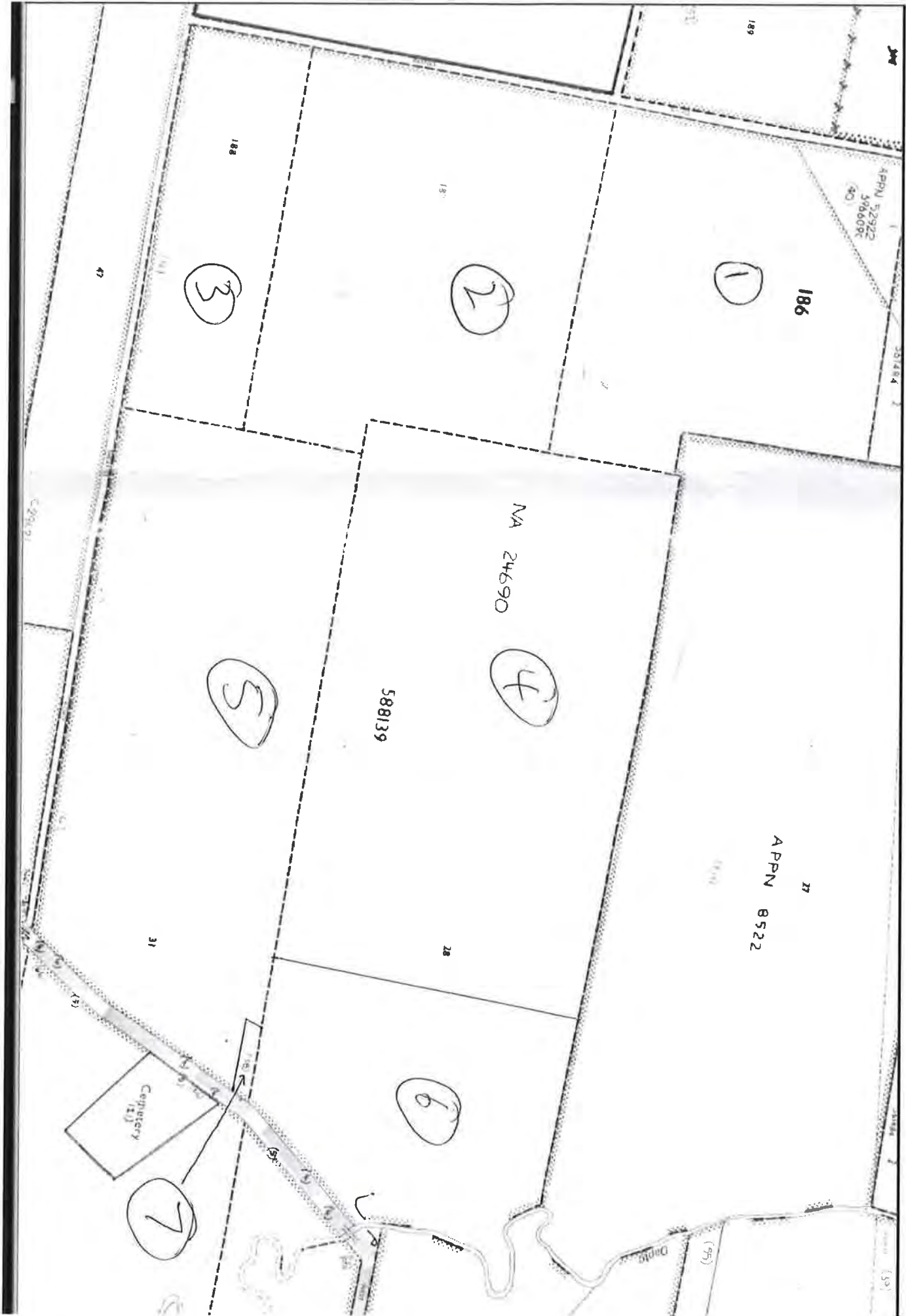
Denotes Current Registered Proprietor

Easements & Leases: -NIL

Yours Sincerely
James McDonnell
29 August 2017

Email: james.mcdonnell@scottashwood.com

Charting Map W 7377-3



Charting Map W 7377-3

County : CAMDEN



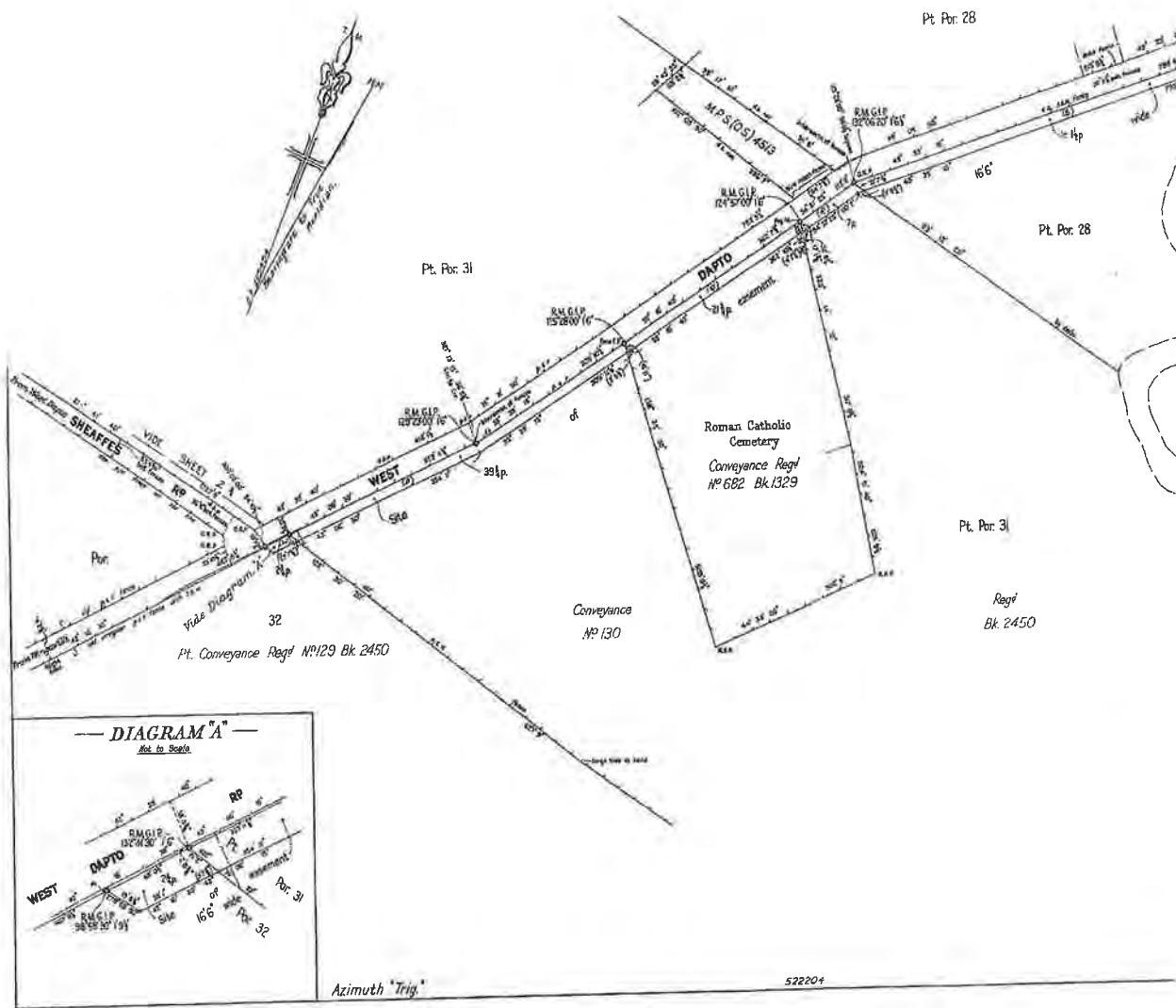
PLAN

PLAN

of sites of easement proposed to be acquired in connection with Avon Berkeley Watermain.

— Parish of Kembla — County of Camden —

Scale: 100 Feet to an Inch.



CONVERSION TABLE ADDED IN 1964 (FOR CHARTERED AIRCRAFT)									
FEET	INCHES	FEET	INCHES	FEET	INCHES	FEET	INCHES	FEET	INCHES
1	6 1/8	1	6 1/8	1	6 1/8	1	6 1/8	1	6 1/8
2	1 1/4	2	1 1/4	2	1 1/4	2	1 1/4	2	1 1/4
3	8 5/8	3	8 5/8	3	8 5/8	3	8 5/8	3	8 5/8
4	2 1/2	4	2 1/2	4	2 1/2	4	2 1/2	4	2 1/2
5	3 1/8	5	3 1/8	5	3 1/8	5	3 1/8	5	3 1/8
6	3 3/4	6	3 3/4	6	3 3/4	6	3 3/4	6	3 3/4
7	4 1/8	7	4 1/8	7	4 1/8	7	4 1/8	7	4 1/8
8	5	8	5	8	5	8	5	8	5
9	5 1/2	9	5 1/2	9	5 1/2	9	5 1/2	9	5 1/2
10	6	10	6	10	6	10	6	10	6
11	6 1/2	11	6 1/2	11	6 1/2	11	6 1/2	11	6 1/2
12	6 5/8	12	6 5/8	12	6 5/8	12	6 5/8	12	6 5/8
13	7	13	7	13	7	13	7	13	7
14	7 1/4	14	7 1/4	14	7 1/4	14	7 1/4	14	7 1/4
15	7 1/2	15	7 1/2	15	7 1/2	15	7 1/2	15	7 1/2
16	7 5/8	16	7 5/8	16	7 5/8	16	7 5/8	16	7 5/8
17	8	17	8	17	8	17	8	17	8
18	8 1/4	18	8 1/4	18	8 1/4	18	8 1/4	18	8 1/4
19	8 1/2	19	8 1/2	19	8 1/2	19	8 1/2	19	8 1/2
20	8 5/8	20	8 5/8	20	8 5/8	20	8 5/8	20	8 5/8
21	9	21	9	21	9	21	9	21	9
22	9 1/4	22	9 1/4	22	9 1/4	22	9 1/4	22	9 1/4
23	9 1/2	23	9 1/2	23	9 1/2	23	9 1/2	23	9 1/2
24	9 3/4	24	9 3/4	24	9 3/4	24	9 3/4	24	9 3/4
25	10	25	10	25	10	25	10	25	10
26	10 1/4	26	10 1/4	26	10 1/4	26	10 1/4	26	10 1/4
27	10 1/2	27	10 1/2	27	10 1/2	27	10 1/2	27	10 1/2
28	10 3/4	28	10 3/4	28	10 3/4	28	10 3/4	28	10 3/4
29	11	29	11	29	11	29	11	29	11
30	11 1/4	30	11 1/4	30	11 1/4	30	11 1/4	30	11 1/4
31	11 1/2	31	11 1/2	31	11 1/2	31	11 1/2	31	11 1/2
32	11 3/4	32	11 3/4	32	11 3/4	32	11 3/4	32	11 3/4
33	12	33	12	33	12	33	12	33	12
34	12 1/4	34	12 1/4	34	12 1/4	34	12 1/4	34	12 1/4
35	12 1/2	35	12 1/2	35	12 1/2	35	12 1/2	35	12 1/2
36	12 3/4	36	12 3/4	36	12 3/4	36	12 3/4	36	12 3/4
37	13	37	13	37	13	37	13	37	13
38	13 1/4	38	13 1/4	38	13 1/4	38	13 1/4	38	13 1/4
39	13 1/2	39	13 1/2	39	13 1/2	39	13 1/2	39	13 1/2
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41	14	41	14	41	14	41	14	41	14
42	14 1/4	42	14 1/4	42	14 1/4	42	14 1/4	42	14 1/4
43	14 1/2	43	14 1/2	43	14 1/2	43	14 1/2	43	14 1/2
44	14 3/4	44	14 3/4	44	14 3/4	44	14 3/4	44	14 3/4
45	15	45	15	45	15	45	15	45	15
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52	16 3/4	52	16 3/4	52	16 3/4	52	16 3/4	52	16 3/4
53	17	53	17	53	17	53	17	53	17
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57	18	57	18	57	18	57	18	57	18
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60	18 3/4	60	18 3/4	60	18 3/4	60	18 3/4	60	18 3/4
61	19	61	19	61	19	61	19	61	19
62	19 1/4	62	19 1/4	62	19 1/4	62	19 1/4	62	19 1/4
63	19 1/2	63	19 1/2	63	19 1/2	63	19 1/2	63	19 1/2
64	19 3/4	64	19 3/4	64	19 3/4	64	19 3/4	64	19 3/4
65	20	65	20	65	20	65	20	65	20
66	20 1/4	66	20 1/4	66	20 1/4	66	20 1/4	66	20 1/4
67	20 1/2	67	20 1/2	67	20 1/2	67	20 1/2	67	20 1/2
68	20 3/4	68	20 3/4	68	20 3/4	68	20 3/4	68	20 3/4
69	21	69	21	69	21	69	21	69	21
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74	22 1/4	74	22 1/4	74	22 1/4	74	22 1/4	74	22 1/4
75	22 1/2	75	22 1/2	75	22 1/2	75	22 1/2	75	22 1/2
76	22 3/4	76	22 3/4	76	22 3/4	76	22 3/4	76	22 3/4
77	23	77	23	77	23	77	23	77	23
78	23 1/4	78	23 1/4	78	23 1/4	78	23 1/4	78	23 1/4
79	23 1/2	79	23 1/2	79	23 1/2	79	23 1/2	79	23 1/2
80	23 3/4	80	23 3/4	80	23 3/4	80	23 3/4	80	23 3/4
81	24	81	24	81	24	81	24	81	24
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83	24 1/2	83	24 1/2	83	24 1/2	83	24 1/2	83	24 1/2
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85	25	85	25	85	25	85	25	85	25
86	25 1/4	86	25 1/4	86	25 1/4	86	25 1/4	86	25 1/4
87	25 1/2	87	25 1/2	87	25 1/2	87	25 1/2	87	25 1/2
88	25 3/4	88	25 3/4	88	25 3/4	88	25 3/4	88	25 3/4
89	26	89	26	89	26	89	26	89	26
90	26 1/4	90	26 1/4	90	26 1/4	90	26 1/4	90	26 1/4
91	26 1/2	91	26 1/2	91	26 1/2	91	26 1/2	91	26 1/2
92	26 3/4	92	26 3/4	92	26 3/4	92	26 3/4	92	26 3/4
93	27	93	27	93	27	93	27	93	27
94	27 1/4	94	27 1/4	94	27 1/4	94	27 1/4	94	27 1/4
95	27 1/2	95	27 1/2	95	27 1/2	95	27 1/2	95	27 1/2
96	27 3/4	96	27 3/4	96	27 3/4	96	27 3/4	96	27 3/4
97	28	97	28	97	28	97	28	97	28
98	28 1/4	98	28 1/4	98	28 1/4	98	28 1/4	98	28 1/4
99	28 1/2	99	28 1/2	99	28 1/2	99	28 1/2	99	28 1/2
100	28 3/4	100	28 3/4	100	28 3/4	100	28 3/4	100	28 3/4
101	29	101	29	101	29	101	29	101	29
102	29 1/4	102	29 1/4	102	29 1/4	102	29 1/4	102	29 1/4
103	29 1/2	103	29 1/2	103	29 1/2	103	29 1/2	103	29 1/2
104	29 3/4	104	29 3/4	104	29 3/4	104	29 3/4	104	29 3/4
105	30	105	30	105	30	105	30	105	30
106	30 1/4	106	30 1/4	106	30 1/4	106	30 1/4	106	30 1/4
107	30 1/2	107	30 1/2	107	30 1/2	107	30 1/2	107	30 1/2
108	30 3/4	108	30 3/4	108	30 3/4	108	30 3/4	108	30 3/4
109	31	109	31	109	31	109	31	109	31
110	31 1/4	110	31 1/4	110	31 1/4	110	31 1/4	110	31 1/4
111	31 1/2	111	31 1/2	111	31 1/2	111	31 1/2	111	31 1/2
112	31 3/4	112	31 3/4	112	31 3/4	112	31 3/4	112	31 3/4
113	32	113	32	113	32	113	32	113	32
114	32 1/4	114	32 1/4	114	32 1/4	114	32 1/4	114	32 1/4
115	32 1/2	115	32 1/2	115	32 1/2	115	32 1/2	115	32 1/2
116	32 3/4	116	32 3/4	116	32 3/4	116	32 3/4	116	32 3/4
117	33	117	33	117	33	117	33	117	33
118	33 1/4	118	33 1/4	118	33 1/4	118	33 1/4	118	33 1/4
119	33 1/2	119	33 1/2	119	33 1/2	119	33 1/2	119	33 1/2
120	33 3/4	120	33 3/4	120	33 3/4	120	33 3/4	120	33 3/4
121	34	121	34	121	34	121	34	121	34
122	34 1/4	122	34 1/4	122	34 1/4	122	34 1/4	122	34 1/4
123	34 1/2	123	34 1/2	123	34 1/2	123	34 1/2	123	34 1/2
124	34 3/4	124	34 3/4	124	34 3/4	124	34 3/4	124	34 3/4
125	35	125	35	125	35	125	35	125	35
126	35 1/4	126	35 1/4	126	35 1/4	126	35 1/4	126	35 1/4
127	35 1/2	127	35 1/2	127	35 1/2	127	35 1/2	127	35 1/2
128	35 3/4	128	35 3/4	128	35 3/4	128	35 3/4	128	35 3/4
129	36	129	36	129	36	129	36	129	36
130	36 1/4	130	36 1/4	130	36 1/4	130	36 1/4	130	36 1/4
131	36 1/2	131	36 1/2	131	36 1/2	131	36 1/2	131	36 1/2
132	36 3/4	132	36 3/4	132	36 3/4	132	36 3/4	132	36 3/4
133	37	133	37	133	37	133	37	133	37
134	37 1/4	134	37 1/4	134	37 1/4	134	37 1/4	134	37 1/4
135	37 1/2								

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 25th day of March, 1977.

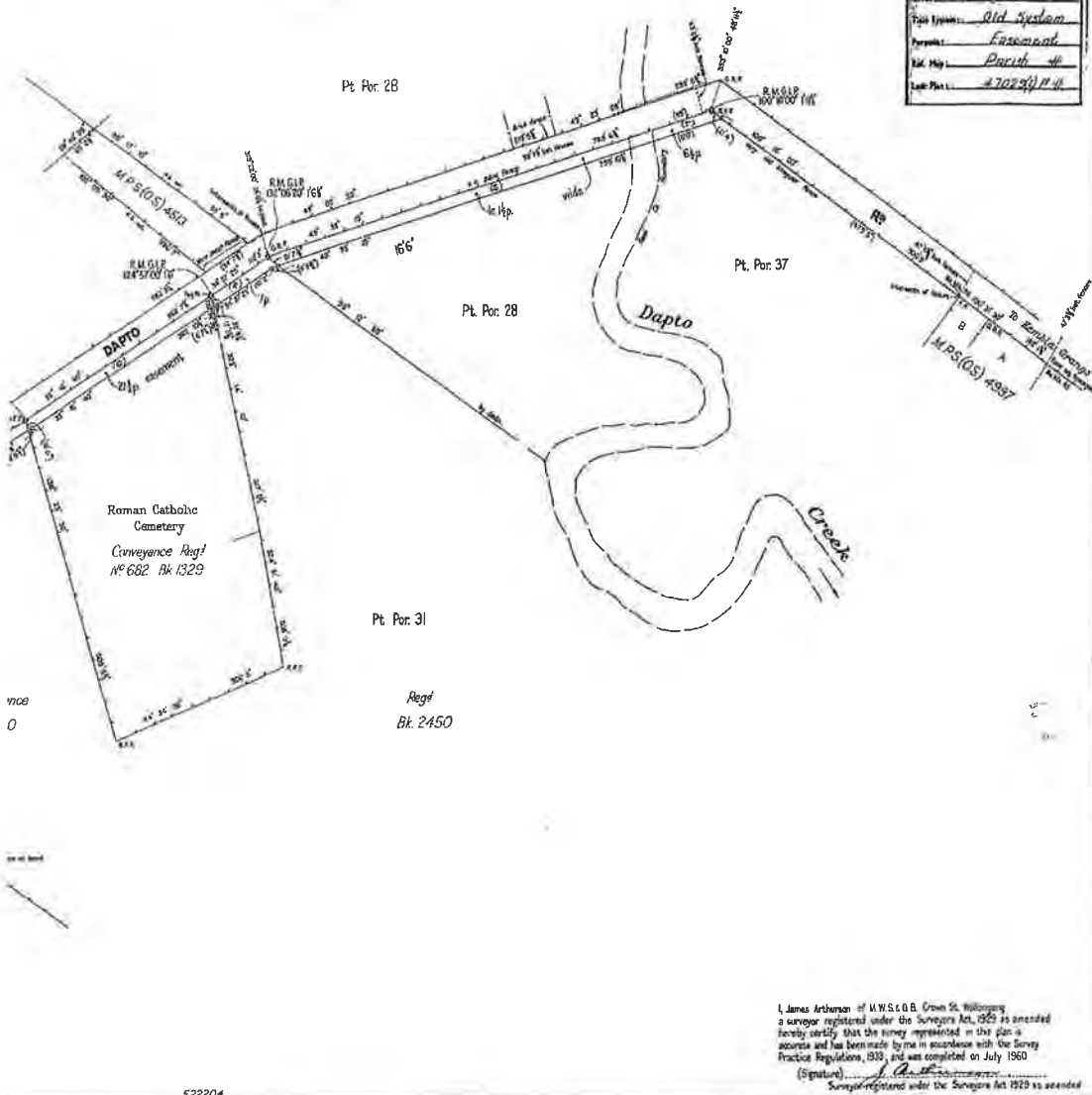
PLAN

SHEET 1 OF
4 SHEETS

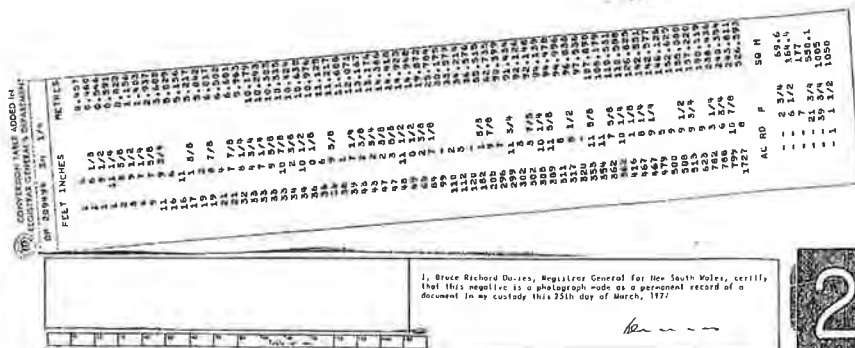
tes of easement proposed to be acquired in connection with Avon Berkeley Watermain.

of Kembla — County of Camden —

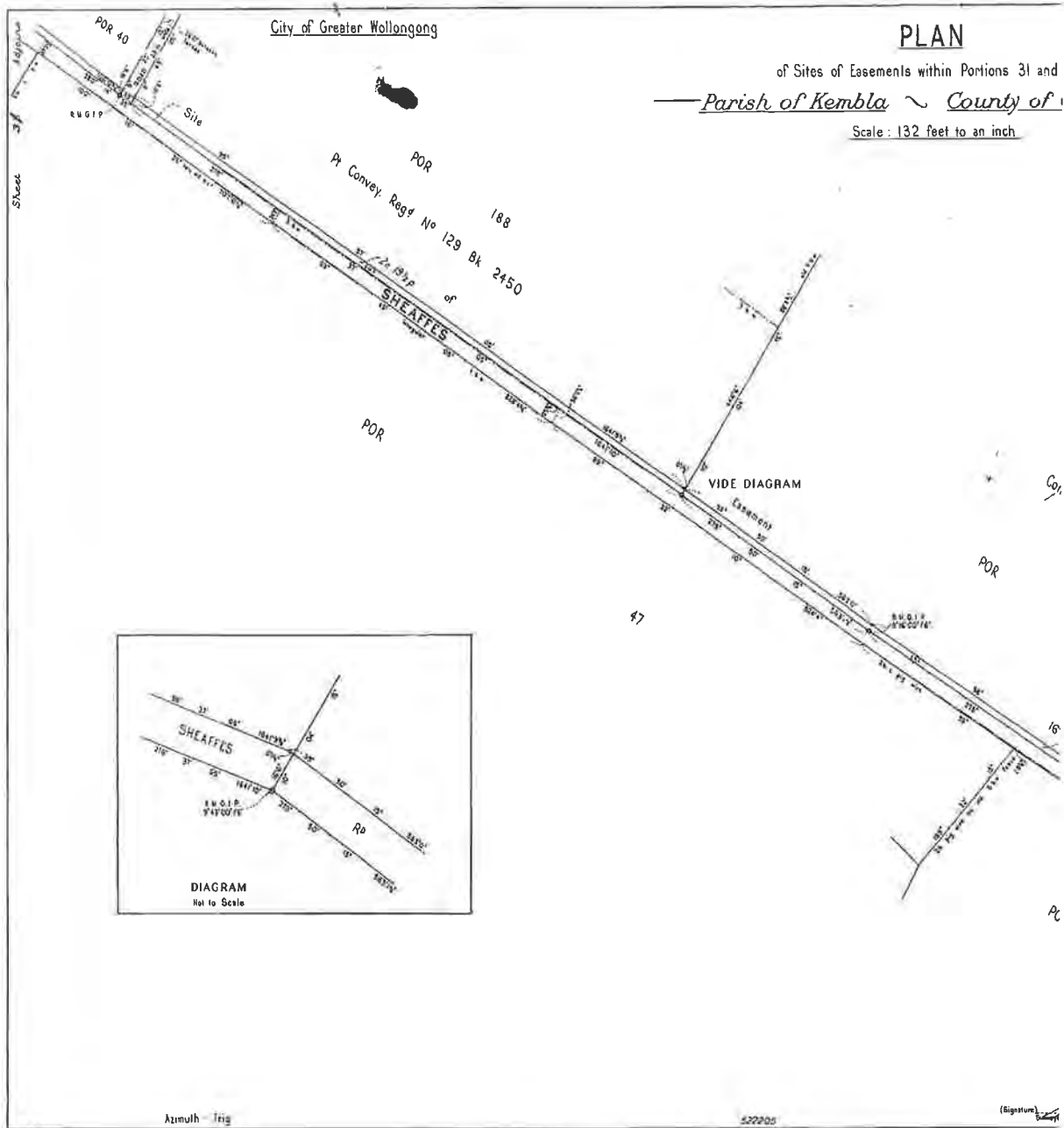
Scale: 100 Feet to an Inch



522204



2



CONVEYANCE ACT 1992
OF 1992
OF 1992

FEET INCHES	METRES
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1 1/4	0.305
1 1/2	0.457
1 3/4	0.610
2	0.762
2 1/4	0.914
2 1/2	1.067
2 3/4	1.219
3	1.372
3 1/4	1.524
3 1/2	1.676
3 3/4	1.829
4	1.981
4 1/4	2.134
4 1/2	2.286
4 3/4	2.438
5	2.591
5 1/4	2.743
5 1/2	2.895
5 3/4	3.048
6	3.200
6 1/4	3.352
6 1/2	3.505
6 3/4	3.657
7	3.810
7 1/4	3.962
7 1/2	4.114
7 3/4	4.267
8	4.419
8 1/4	4.571
8 1/2	4.724
8 3/4	4.876
9	5.028
9 1/4	5.181
9 1/2	5.333
9 3/4	5.485
10	5.638
10 1/4	5.790
10 1/2	5.942
10 3/4	6.095
11	6.247
11 1/4	6.400
11 1/2	6.552
11 3/4	6.704
12	6.857
12 1/4	7.009
12 1/2	7.161
12 3/4	7.314
13	7.466
13 1/4	7.618
13 1/2	7.770
13 3/4	7.923
14	8.075
14 1/4	8.227
14 1/2	8.380
14 3/4	8.532
15	8.684
15 1/4	8.837
15 1/2	8.989
15 3/4	9.141
16	9.294
16 1/4	9.446
16 1/2	9.598
16 3/4	9.751
17	9.903
17 1/4	10.055
17 1/2	10.208
17 3/4	10.360
18	10.512
18 1/4	10.665
18 1/2	10.817
18 3/4	10.969
19	11.122
19 1/4	11.274
19 1/2	11.426
19 3/4	11.579
20	11.731
20 1/4	11.883
20 1/2	12.036
20 3/4	12.188
21	12.340
21 1/4	12.493
21 1/2	12.645
21 3/4	12.797
22	12.950
22 1/4	13.102
22 1/2	13.254
22 3/4	13.407
23	13.559
23 1/4	13.711
23 1/2	13.864
23 3/4	14.016
24	14.168
24 1/4	14.321
24 1/2	14.473
24 3/4	14.625
25	14.778
25 1/4	14.930
25 1/2	15.082
25 3/4	15.235
26	15.387
26 1/4	15.539
26 1/2	15.692
26 3/4	15.844
27	15.996
27 1/4	16.149
27 1/2	16.301
27 3/4	16.453
28	16.606
28 1/4	16.758
28 1/2	16.910
28 3/4	17.063
29	17.215
29 1/4	17.367
29 1/2	17.520
29 3/4	17.672
30	17.824
30 1/4	17.977
30 1/2	18.129
30 3/4	18.281
31	18.434
31 1/4	18.586
31 1/2	18.738
31 3/4	18.891
32	19.043
32 1/4	19.195
32 1/2	19.348
32 3/4	19.500
33	19.652
33 1/4	19.805
33 1/2	19.957
33 3/4	20.109
34	20.262
34 1/4	20.414
34 1/2	20.566
34 3/4	20.719
35	20.871
35 1/4	21.023
35 1/2	21.176
35 3/4	21.328
36	21.480
36 1/4	21.633
36 1/2	21.785
36 3/4	21.937
37	22.090
37 1/4	22.242
37 1/2	22.394
37 3/4	22.547
38	22.699
38 1/4	22.851
38 1/2	23.004
38 3/4	23.156
39	23.308
39 1/4	23.461
39 1/2	23.613
39 3/4	23.765
40	23.918
40 1/4	24.070
40 1/2	24.222
40 3/4	24.375
41	24.527
41 1/4	24.679
41 1/2	24.832
41 3/4	24.984
42	25.136
42 1/4	25.289
42 1/2	25.441
42 3/4	25.593
43	25.746
43 1/4	25.898
43 1/2	26.050
43 3/4	26.203
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44 1/4	26.507
44 1/2	26.660
44 3/4	26.812
45	26.964
45 1/4	27.117
45 1/2	27.269
45 3/4	27.421
46	27.574
46 1/4	27.726
46 1/2	27.878
46 3/4	28.031
47	28.183
47 1/4	28.335
47 1/2	28.488
47 3/4	28.640
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48 1/4	28.945
48 1/2	29.097
48 3/4	29.249
49	29.402
49 1/4	29.554
49 1/2	29.706
49 3/4	29.859
50	30.011
50 1/4	30.163
50 1/2	30.316
50 3/4	30.468
51	30.620
51 1/4	30.773
51 1/2	30.925
51 3/4	31.077
52	31.230
52 1/4	31.382
52 1/2	31.534
52 3/4	31.687
53	31.839
53 1/4	31.991
53 1/2	32.144
53 3/4	32.296
54	32.448
54 1/4	32.601
54 1/2	32.753
54 3/4	32.905
55	33.058
55 1/4	33.210
55 1/2	33.362
55 3/4	33.515
56	33.667
56 1/4	33.819
56 1/2	33.972
56 3/4	34.124
57	34.276
57 1/4	34.429
57 1/2	34.581
57 3/4	34.733
58	34.886
58 1/4	35.038
58 1/2	35.190
58 3/4	35.343
59	35.495
59 1/4	35.647
59 1/2	35.799
59 3/4	35.952
60	36.104
60 1/4	36.256
60 1/2	36.409
60 3/4	36.561
61	36.713
61 1/4	36.866
61 1/2	37.018
61 3/4	37.170
62	37.323
62 1/4	37.475
62 1/2	37.627
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63	37.932
63 1/4	38.084
63 1/2	38.237
63 3/4	38.389
64	38.541
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64 1/2	38.846
64 3/4	38.998
65	39.151
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65 3/4	39.608
66	39.760
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66 3/4	40.217
67	40.369
67 1/4	40.522
67 1/2	40.674
67 3/4	40.826
68	40.979
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68 3/4	41.436
69	41.588
69 1/4	41.740
69 1/2	41.893
69 3/4	42.045
70	42.197
70 1/4	42.350
70 1/2	42.502
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71	42.807
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72 3/4	43.873
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73 1/2	44.330
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75 3/4	45.701
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76 3/4	46.310
77	46.463
77 1/4	46.615
77 1/2	46.767
77 3/4	46.920
78	47.072
78 1/4	47.224
78 1/2	47.377
78 3/4	47.529
79	47.681
79 1/4	47.834
79 1/2	47.986
79 3/4	48.138
80	48.291
80 1/4	48.443
80 1/2	48.595
80 3/4	48.748
81	48.899
81 1/4	49.052
81 1/2	49.204
81 3/4	49.356
82	49.509
82 1/4	49.661
82 1/2	49.813
82 3/4	49.966
83	50.118
83 1/4	50.270
83 1/2	50.423
83 3/4	50.575
84	50.727
84 1/4	50.880
84 1/2	51.032
84 3/4	51.184
85	51.337
85 1/4	51.489
85 1/2	51.641
85 3/4	51.794
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86 1/4	52.098
86 1/2	52.251
86 3/4	52.403
87	52.555
87 1/4	52.708
87 1/2	52.860
87 3/4	53.012
88	53.165
88 1/4	53.317
88 1/2	53.469
88 3/4	53.622
89	53.774
89 1/4	53.926
89 1/2	54.079
89 3/4	54.231
90	54.383
90 1/4	54.536
90 1/2	54.688
90 3/4	54.840
91	54.993
91 1/4	55.145
91 1/2	55.297
91 3/4	55.450
92	55.602
92 1/4	55.754
92 1/2	55.907
92 3/4	56.059
93	56.211
93 1/4	56.364
93 1/2	56.516
93 3/4	56.668
94	56.821
94 1/4	56.973
94 1/2	57.125
94 3/4	57.278
95	57.430
95 1/4	57.582
95 1/2	57.735
95 3/4	57.887
96	58.039
96 1/4	58.192
96 1/2	58.344
96 3/4	58.496
97	58.649
97 1/4	58.801
97 1/2	58.953
97 3/4	59.106
98	59.258
98 1/4	59.410
98 1/2	59.563
98 3/4	59.715
99	59.867
99 1/4	60.020
99 1/2	60.172
99 3/4	60.324
100	60.477

AC RD P SD R
- 2 13 1/2 2515
- 3 13 2516

3

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 25th day of March, 1977.

Reg:R259713 /Doc:DP 0209494 P /Rev:11-sep-1992 /Sts:OK /Fgs:ATL /Prt:28-Aug-2017 10:07 /Seq:3 of 8

PLAN

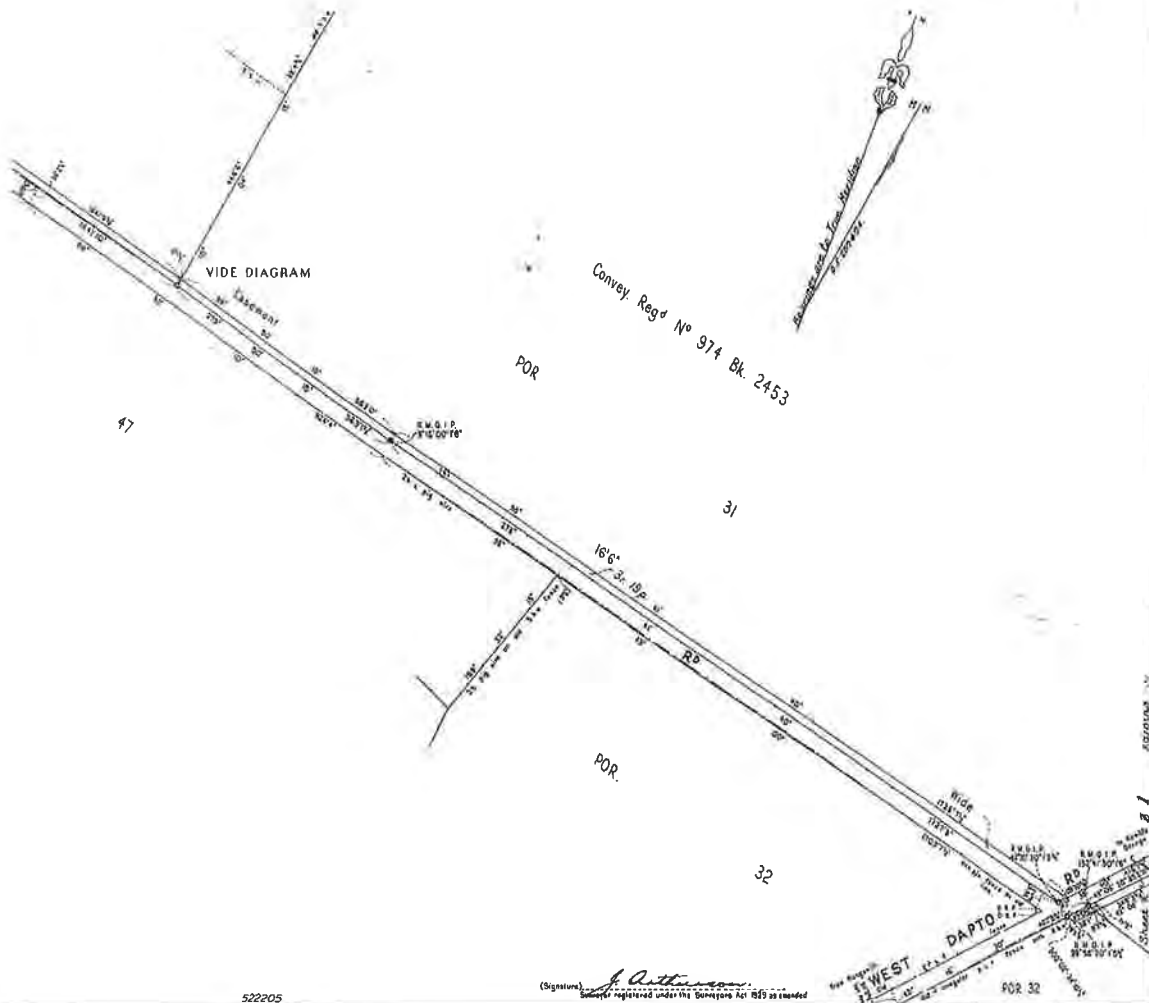
of Sites of Easements within Portions 31 and 188

-Parish of Kembla ~ County of Camden

Scale : 132 feet to an inch.

D. P. 203434

Q275427



FEET INCHES	MM	IN	MM
- 1 1/4	6.35		
- 1 1/2	7.62		
- 1 3/4	8.91		
- 1 7/8	10.16		
- 2	11.43		
- 2 1/8	12.7		
- 2 1/4	13.97		
- 2 3/8	15.24		
- 2 1/2	16.51		
- 2 5/8	17.78		
- 3	19.05		
- 3 1/8	20.32		
- 3 1/4	21.59		
- 3 3/8	22.86		
- 3 1/2	24.13		
- 3 5/8	25.4		
- 3 3/4	26.67		
- 3 7/8	27.94		
- 4	29.21		
- 4 1/8	30.48		
- 4 1/4	31.75		
- 4 3/8	33.02		
- 4 1/2	34.29		
- 4 5/8	35.56		
- 4 3/4	36.83		
- 4 7/8	38.1		
- 5	39.37		
- 5 1/8	40.64		
- 5 1/4	41.91		
- 5 3/8	43.18		
- 5 1/2	44.45		
- 5 5/8	45.72		
- 5 3/4	46.99		
- 5 7/8	48.26		
- 6	49.53		
- 6 1/8	50.8		
- 6 1/4	52.07		
- 6 3/8	53.34		
- 6 1/2	54.61		
- 6 5/8	55.88		
- 6 3/4	57.15		
- 6 7/8	58.42		
- 7	59.69		
- 7 1/8	60.96		
- 7 1/4	62.23		
- 7 3/8	63.5		
- 7 1/2	64.77		
- 7 5/8	66.04		
- 7 3/4	67.31		
- 7 7/8	68.58		
- 8	69.85		
- 8 1/8	71.12		
- 8 1/4	72.39		
- 8 3/8	73.66		
- 8 1/2	74.93		
- 8 5/8	76.2		
- 8 3/4	77.47		
- 8 7/8	78.74		
- 9	80.01		
- 9 1/8	81.28		
- 9 1/4	82.55		
- 9 3/8	83.82		
- 9 1/2	85.09		
- 9 5/8	86.36		
- 9 3/4	87.63		
- 9 7/8	88.9		
- 10	90.17		
- 10 1/8	91.44		
- 10 1/4	92.71		
- 10 3/8	93.98		
- 10 1/2	95.25		
- 10 5/8	96.52		
- 10 3/4	97.79		
- 10 7/8	99.06		
- 11	100.33		
- 11 1/8	101.6		
- 11 1/4	102.87		
- 11 3/8	104.14		
- 11 1/2	105.41		
- 11 5/8	106.68		
- 11 3/4	107.95		
- 11 7/8	109.22		
- 12	110.49		
- 12 1/8	111.76		
- 12 1/4	113.03		
- 12 3/8	114.3		
- 12 1/2	115.57		
- 12 5/8	116.84		
- 12 3/4	118.11		
- 12 7/8	119.38		
- 13	120.65		
- 13 1/8	121.92		
- 13 1/4	123.19		
- 13 3/8	124.46		
- 13 1/2	125.73		
- 13 5/8	127.0		
- 13 3/4	128.27		
- 13 7/8	129.54		
- 14	130.81		
- 14 1/8	132.08		
- 14 1/4	133.35		
- 14 3/8	134.62		
- 14 1/2	135.89		
- 14 5/8	137.16		
- 14 3/4	138.43		
- 14 7/8	139.7		
- 15	140.97		
- 15 1/8	142.24		
- 15 1/4	143.51		
- 15 3/8	144.78		
- 15 1/2	146.05		
- 15 5/8	147.32		
- 15 3/4	148.59		
- 15 7/8	149.86		
- 16	151.13		
- 16 1/8	152.4		
- 16 1/4	153.67		
- 16 3/8	154.94		
- 16 1/2	156.21		
- 16 5/8	157.48		
- 16 3/4	158.75		
- 16 7/8	160.02		
- 17	161.29		
- 17 1/8	162.56		
- 17 1/4	163.83		
- 17 3/8	165.1		
- 17 1/2	166.37		
- 17 5/8	167.64		
- 17 3/4	168.91		
- 17 7/8	170.18		
- 18	171.45		
- 18 1/8	172.72		
- 18 1/4	173.99		
- 18 3/8	175.26		
- 18 1/2	176.53		
- 18 5/8	177.8		
- 18 3/4	179.07		
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- 19	181.61		
- 19 1/8	182.88		
- 19 1/4	184.15		
- 19 3/8	185.42		
- 19 1/2	186.69		
- 19 5/8	187.96		
- 19 3/4	189.23		
- 19 7/8	190.5		
- 20	191.78		
- 20 1/8	193.05		
- 20 1/4	194.32		
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- 20 1/2	196.86		
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- 20 7/8	200.67		
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- 21 7/8	210.83		
- 22	212.1		
- 22 1/8	213.37		
- 22 1/4	214.64		
- 22 3/8	215.91		
- 22 1/2	217.18		
- 22 5/8	218.45		
- 22 3/4	219.72		
- 22 7/8	220.99		
- 23	222.26		
- 23 1/8	223.53		
- 23 1/4	224.8		
- 23 3/8	226.07		
- 23 1/2	227.34		
- 23 5/8	228.61		
- 23 3/4	229.88		
- 23 7/8	231.15		
- 24	232.42		
- 24 1/8	233.69		
- 24 1/4	234.96		
- 24 3/8	236.23		
- 24 1/2	237.5		
- 24 5/8	238.77		
- 24 3/4	240.04		
- 24 7/8	241.31		
- 25	242.58		
- 25 1/8	243.85		
- 25 1/4	245.12		
- 25 3/8	246.39		
- 25 1/2	247.66		
- 25 5/8	248.93		
- 25 3/4	250.2		
- 25 7/8	251.47		
- 26	252.74		
- 26 1/8	254.01		
- 26 1/4	255.28		
- 26 3/8	256.55		
- 26 1/2	257.82		
- 26 5/8	259.09		
- 26 3/4	260.36		
- 26 7/8	261.63		
- 27	262.9		
- 27 1/8	264.17		
- 27 1/4	265.44		
- 27 3/8	266.71		
- 27 1/2	267.98		
- 27 5/8	269.25		
- 27 3/4	270.52		
- 27 7/8	271.79		
- 28	273.06		
- 28 1/8	274.33		
- 28 1/4	275.6		
- 28 3/8	276.87		
- 28 1/2	278.14		
- 28 5/8	279.41		
- 28 3/4	280.68		
- 28 7/8	281.95		
- 29	283.22		
- 29 1/8	284.49		
- 29 1/4	285.76		
- 29 3/8	287.03		
- 29 1/2	288.3		
- 29 5/8	289.57		
- 29 3/4	290.84		
- 29 7/8	292.11		
- 30	293.38		
- 30 1/8	294.65		
- 30 1/4	295.92		
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- 30 1/2	298.46		
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- 30 7/8	302.27		
- 31	303.54		
- 31 1/8	304.81		
- 31 1/4	306.08		
- 31 3/8	307.35		
- 31 1/2	308.62		
- 31 5/8	309.89		
- 31 3/4	311.16		
- 31 7/8	312.43		
- 32	313.7		
- 32 1/8	314.97		
- 32 1/4	316.24		
- 32 3/8	317.51		
- 32 1/2	318.78		
- 32 5/8	320.05		
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- 34	334.02		
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- 34 1/4	336.56		
- 34 3/8	337.83		
- 34 1/2	339.1		
- 34 5/8	340.37		
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- 35 3/8	347.99		
- 35 1/2	349.26		
- 35 5/8	350.53		
- 35 3/4	351.8		
- 35 7/8	353.07		
- 36	354.34		
- 36 1/8	355.61		
- 36 1/4	356.88		
- 36 3/8	358.15		
- 36 1/2	359.42		
- 36 5/8	360.69		
- 36 3/4	361.96		
- 36 7/8	363.23		
- 37	364.5		
- 37 1/8	365.77		
- 37 1/4	367.04		
- 37 3/8	368.31		
- 37 1/2	369.58		
- 37 5/8	370.85		
- 37 3/4	372.12		
- 37 7/8	373.39		
- 38	374.66		
- 38 1/8	375.93		
- 38 1/4	377.2		
- 38 3/8	378.47		
- 38 1/2	379.74		
- 38 5/8	381.01		
- 38 3/4	382.28		
- 38 7/8	383.55		
- 39	384.82		
- 39 1/8	386.09		
- 39 1/4	387.36		
- 39 3/8	388.63		
- 39 1/2	389.9		
- 39 5/8	391.17		
- 39 3/4	392.44		
- 39 7/8	393.71		
- 40	394.98		
- 40 1/8	396.25		
- 40 1/4	397.52		
- 40 3/8	398.79		
- 40 1/2	400.06		
- 40 5/8	401.33		
- 40 3/4	402.6		
- 40 7/8	403.87		
- 41	405.14		
- 41 1/8	406.41		
- 41 1/4	407.68		
- 41 3/8	408.95		
- 41 1/2	410.22		
- 41 5/8	411.49		
- 41 3/4	412.76		
- 41 7/8	414.03		
- 42	415.3		
- 42 1/8	416.57		
- 42 1/4	417.84		
- 42 3/8	419.11		
- 42 1/2	420.38		
- 42 5/8	421.65		
- 42 3/4	422.92		
- 42 7/8	424.19		
- 43	425.46		
- 43 1/8	426.73		
- 43 1/4	428.0		
- 43 3/8	429.27		
- 43 1/2	430.54		
- 43 5/8	431.81		
- 43 3/4	433.08		
- 43 7/8	434.35		
- 44	435.62		
- 44 1/8	436.89		
- 44 1/4	438.16		
- 44 3/8	439.43		
- 44 1/2	440.7		
- 44 5/8	441.97		
- 44 3/4	443.24		
- 44 7/8	444.51		
- 45	445.78		
- 45 1/8	447.05		
- 45 1/4	448.32		
- 45 3/8	449.59		
- 45 1/2	450.86		
- 45 5/8	452.13		
- 45 3/4	453.4		
- 45 7/8	454.67		
- 46	455.94		
- 46 1/8	457.21		
- 46 1/4	458.48		
- 46 3/8	459.75		
- 46 1/2	461.02		
- 46 5/8	462.29		
- 46 3/4	463.56		
- 46 7/8	464.83		
- 47	466.1		
- 47 1			

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 25th day of March, 1977

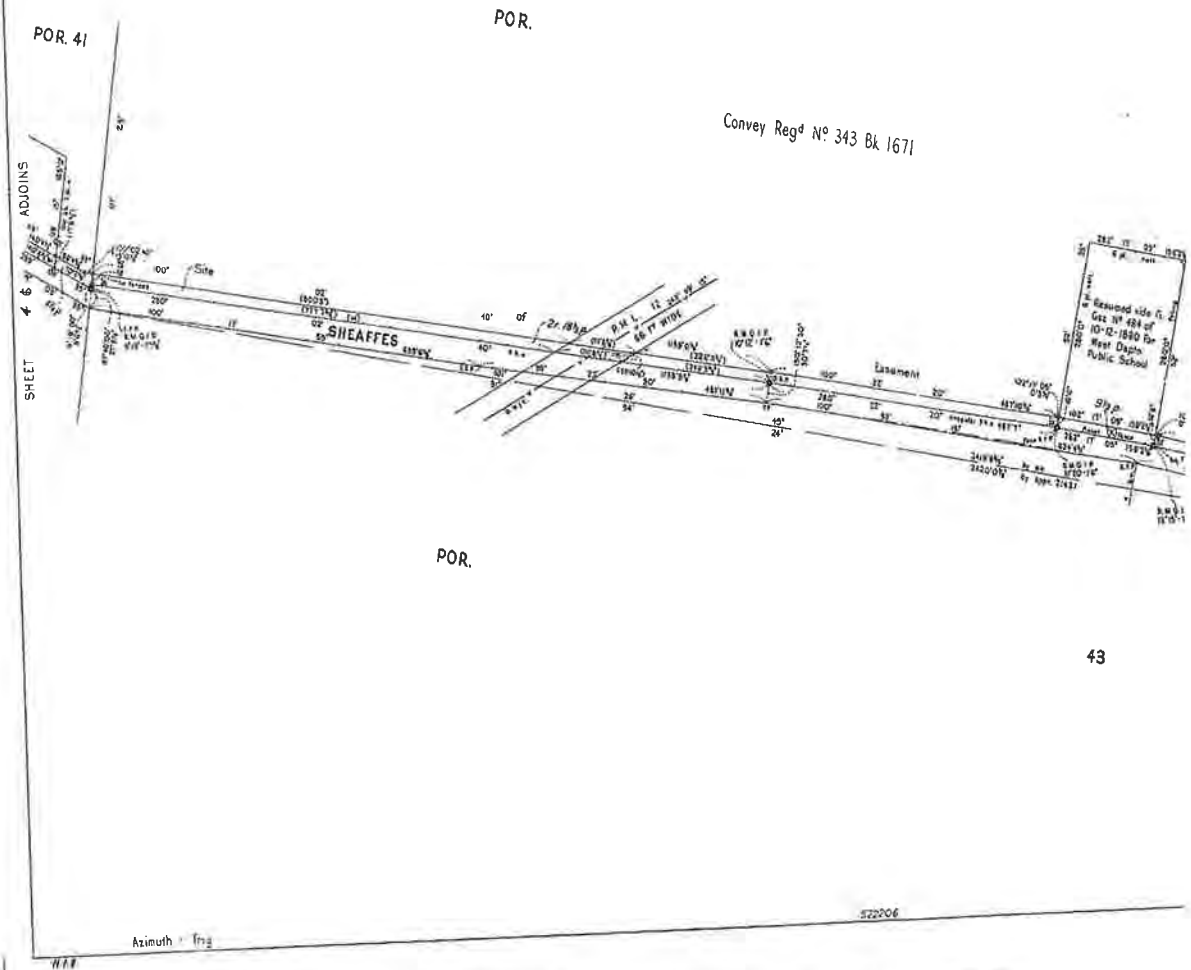
City of Greater Wollongong

PLAN

of sites of easements proposed to be acquired for Avon Berkeley Watermain

Parish of Kembla ~ County of Camden

Scale: 100 feet to an inch



FEET	INCHES	METRES
1	0	0.3048
2	0	0.6096
3	0	0.9144
4	0	1.2192
5	0	1.5240
6	0	1.8288
7	0	2.1336
8	0	2.4384
9	0	2.7432
10	0	3.0480
11	0	3.3528
12	0	3.6576
13	0	3.9624
14	0	4.2672
15	0	4.5720
16	0	4.8768
17	0	5.1816
18	0	5.4864
19	0	5.7912
20	0	6.0960
21	0	6.4008
22	0	6.7056
23	0	7.0104
24	0	7.3152
25	0	7.6200
26	0	7.9248
27	0	8.2296
28	0	8.5344
29	0	8.8392
30	0	9.1440
31	0	9.4488
32	0	9.7536
33	0	10.0584
34	0	10.3632
35	0	10.6680
36	0	10.9728
37	0	11.2776
38	0	11.5824
39	0	11.8872
40	0	12.1920
41	0	12.4968
42	0	12.8016
43	0	13.1064
44	0	13.4112
45	0	13.7160
46	0	14.0208
47	0	14.3256
48	0	14.6304
49	0	14.9352
50	0	15.2400
51	0	15.5448
52	0	15.8496
53	0	16.1544
54	0	16.4592
55	0	16.7640
56	0	17.0688
57	0	17.3736
58	0	17.6784
59	0	17.9832
60	0	18.2880
61	0	18.5928
62	0	18.8976
63	0	19.2024
64	0	19.5072
65	0	19.8120
66	0	20.1168
67	0	20.4216
68	0	20.7264
69	0	21.0312
70	0	21.3360
71	0	21.6408
72	0	21.9456
73	0	22.2504
74	0	22.5552
75	0	22.8600
76	0	23.1648
77	0	23.4696
78	0	23.7744
79	0	24.0792
80	0	24.3840
81	0	24.6888
82	0	24.9936
83	0	25.2984
84	0	25.6032
85	0	25.9080
86	0	26.2128
87	0	26.5176
88	0	26.8224
89	0	27.1272
90	0	27.4320
91	0	27.7368
92	0	28.0416
93	0	28.3464
94	0	28.6512
95	0	28.9560
96	0	29.2608
97	0	29.5656
98	0	29.8704
99	0	30.1752
100	0	30.4800
101	0	30.7848
102	0	31.0896
103	0	31.3944
104	0	31.6992
105	0	32.0040
106	0	32.3088
107	0	32.6136
108	0	32.9184
109	0	33.2232
110	0	33.5280
111	0	33.8328
112	0	34.1376
113	0	34.4424
114	0	34.7472
115	0	35.0520
116	0	35.3568
117	0	35.6616
118	0	35.9664
119	0	36.2712
120	0	36.5760
121	0	36.8808
122	0	37.1856
123	0	37.4904
124	0	37.7952
125	0	38.1000
126	0	38.4048
127	0	38.7096
128	0	39.0144
129	0	39.3192
130	0	39.6240
131	0	39.9288
132	0	40.2336
133	0	40.5384
134	0	40.8432
135	0	41.1480
136	0	41.4528
137	0	41.7576
138	0	42.0624
139	0	42.3672
140	0	42.6720
141	0	42.9768
142	0	43.2816
143	0	43.5864
144	0	43.8912
145	0	44.1960
146	0	44.5008
147	0	44.8056
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149	0	45.4152
150	0	45.7200
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152	0	46.3296
153	0	46.6344
154	0	46.9392
155	0	47.2440
156	0	47.5488
157	0	47.8536
158	0	48.1584
159	0	48.4632
160	0	48.7680
161	0	49.0728
162	0	49.3776
163	0	49.6824
164	0	49.9872
165	0	50.2920
166	0	50.5968
167	0	50.9016
168	0	51.2064
169	0	51.5112
170	0	51.8160
171	0	52.1208
172	0	52.4256
173	0	52.7304
174	0	53.0352
175	0	53.3400
176	0	53.6448
177	0	53.9496
178	0	54.2544
179	0	54.5592
180	0	54.8640
181	0	55.1688
182	0	55.4736
183	0	55.7784
184	0	56.0832
185	0	56.3880
186	0	56.6928
187	0	56.9976
188	0	57.3024
189	0	57.6072
190	0	57.9120
191	0	58.2168
192	0	58.5216
193	0	58.8264
194	0	59.1312
195	0	59.4360
196	0	59.7408
197	0	60.0456
198	0	60.3504
199	0	60.6552
200	0	60.9600
201	0	61.2648
202	0	61.5696
203	0	61.8744
204	0	62.1792
205	0	62.4840
206	0	62.7888
207	0	63.0936
208	0	63.3984
209	0	63.7032
210	0	64.0080
211	0	64.3128
212	0	64.6176
213	0	64.9224
214	0	65.2272
215	0	65.5320
216	0	65.8368
217	0	66.1416
218	0	66.4464
219	0	66.7512
220	0	67.0560
221	0	67.3608
222	0	67.6656
223	0	67.9704
224	0	68.2752
225	0	68.5800
226	0	68.8848
227	0	69.1896
228	0	69.4944
229	0	69.7992
230	0	70.1040
231	0	70.4088
232	0	70.7136
233	0	71.0184
234	0	71.3232
235	0	71.6280
236	0	71.9328
237	0	72.2376
238	0	72.5424
239	0	72.8472
240	0	73.1520
241	0	73.4568
242	0	73.7616
243	0	74.0664
244	0	74.3712
245	0	74.6760
246	0	74.9808
247	0	75.2856
248	0	75.5904
249	0	75.8952
250	0	76.2000
251	0	76.5048
252	0	76.8096
253	0	77.1144
254	0	77.4192
255	0	77.7240
256	0	78.0288
257	0	78.3336
258	0	78.6384
259	0	78.9432
260	0	79.2480
261	0	79.5528
262	0	79.8576
263	0	80.1624
264	0	80.4672
265	0	80.7720
266	0	81.0768
267	0	81.3816
268	0	81.6864
269	0	81.9912
270	0	82.2960
271	0	82.6008
272	0	82.9056
273	0	83.2104
274	0	83.5152
275	0	83.8200
276	0	84.1248
277	0	84.4296
278	0	84.7344
279	0	85.0392
280	0	85.3440
281	0	85.6488
282	0	85.9536
283	0	86.2584
284	0	86.5632
285	0	86.8680
286	0	87.1728
287	0	87.4776
288	0	87.7824
289	0	88.0872
290	0	88.3920
291	0	88.6968
292	0	89.0016
293	0	89.3064
294	0	89.6112
295	0	89.9160
296	0	90.2208
297	0	90.5256
298	0	90.8304
299	0	91.1352
300	0	91.4400
301	0	91.7448
302	0	92.0496
303	0	92.3544
304	0	92.6592
305	0	92.9640
306	0	93.2688
307	0	93.5736
308	0	93.8784
309	0	94.1832
310	0	94.4880
311	0	94.7928
312	0	95.0976
313	0	95.4024
314	0	95.7072
315	0	96.0120
316	0	96.3168
317	0	96.6216
318	0	96.9264
319	0	97.2312
320	0	97.5360
321	0	97.8408
322	0	98.1456
323	0	98.4504
324	0	98.7552
325	0	99.0600
326	0	99.3648
327	0	99.6696
328	0	99.9744
329	0	100.2792
330	0	100.5840
331	0	100.8888
332	0	101.1936
333	0	101.4984
334	0	101.8032
335	0	102.1080
336	0	102.4128
337	0	102.7176
338	0	103.0224
339	0	103.3272
340	0	103.6320
341	0	103.9368
342	0	104.2416
343	0	104.5464
344	0	104.8512
345	0	105.1560
346	0	105.4608
347	0	105.7656
348	0	106.0704
349	0	106.3752
350	0	106.6800
351	0	106.9848
352	0	107.2896
353	0	107.5944
354	0	107.8992
355	0	108.2040
356	0	108.5088
357	0	108.8136
358	0	109.1184
359	0	109.4232
360	0	109.7280
361	0	110.0328
362	0	110.3376
363	0	110.6424
364	0	110.9472
365	0	111.2520
366	0	111.5568
367	0	111.8616
368	0	112.1664
369	0	112.4712
370	0	112.7760
371	0	113.0808
372	0	113.3856
373	0	113.6904
374	0	113.9952
375	0	114.3000
376	0	114.6048
377	0	114.9096
378	0	115.2144
379	0	115.5192
380	0	115.8240
381	0	116.1288
382	0	116.4336
383	0	116.7384
384	0	117.0432
385	0	117.3480
386	0	117.6528
387	0	117.9576
388	0	118.2624
389	0	118.5672
390	0	118.8720
391	0	119.1768
392	0	119.4816
393	0	119.7864
394	0	120.0912
395	0	120.3960
396	0	120.7008
397	0	121.

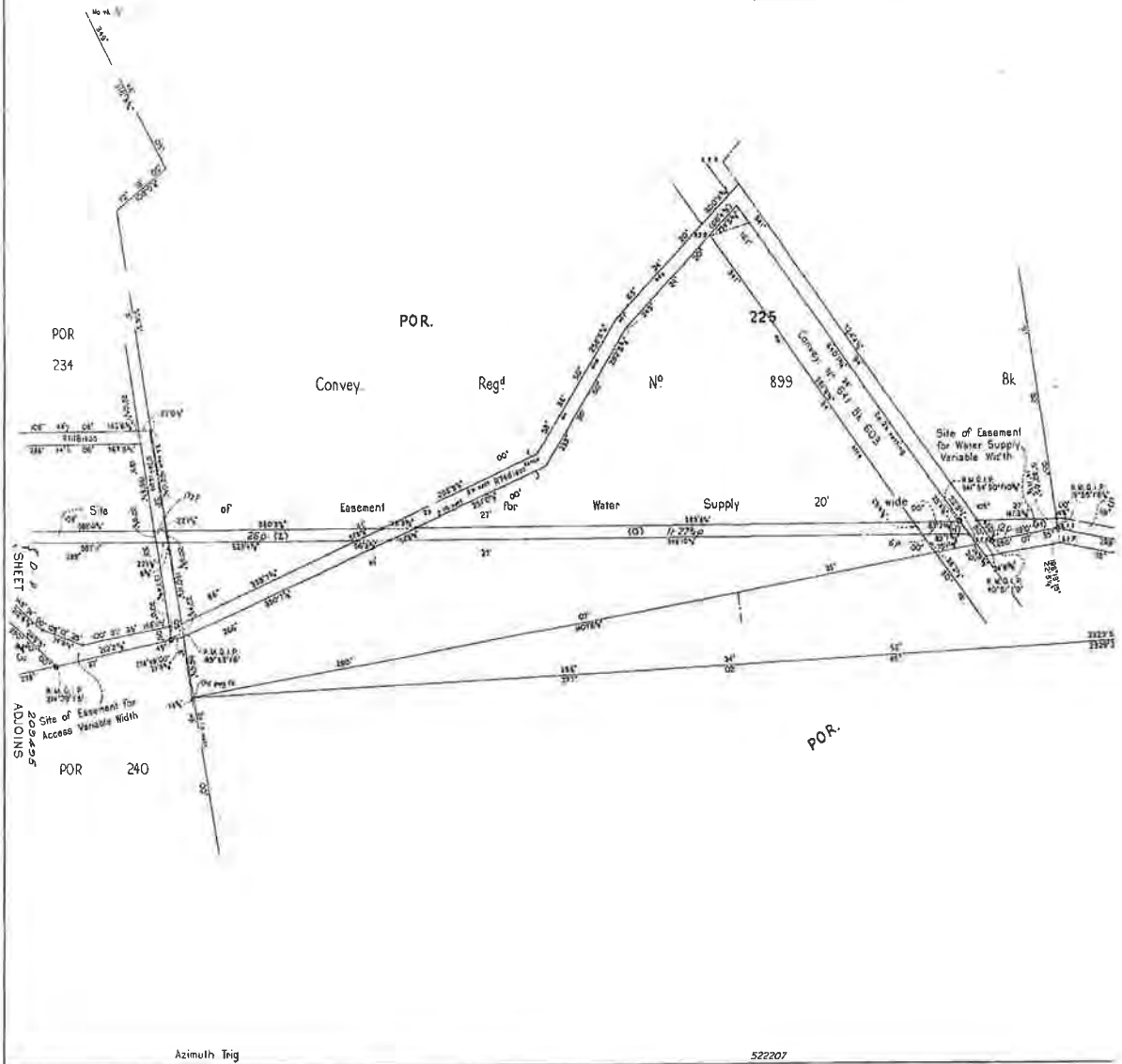
City of Greater Wollongong

PLAN

of Site of Easements in Portions 41 and 225

Parish of Kembla County of Camden

Scale: 100 feet to an inch.



CONVEYANCE TABLE ADDED IN
REGISTERED INSTRUMENT
OF 203494 SH 17

FEET INCHES	METRES
0 3/4	0.1875
1 0	0.2540
1 1/4	0.3175
1 1/2	0.3810
1 3/4	0.4445
2 0	0.5080
2 1/4	0.5715
2 1/2	0.6350
2 3/4	0.6985
3 0	0.7620
3 1/4	0.8255
3 1/2	0.8890
3 3/4	0.9525
4 0	1.0160
4 1/4	1.0795
4 1/2	1.1430
4 3/4	1.2065
5 0	1.2700
5 1/4	1.3335
5 1/2	1.3970
5 3/4	1.4605
6 0	1.5240
6 1/4	1.5875
6 1/2	1.6510
6 3/4	1.7145
7 0	1.7780
7 1/4	1.8415
7 1/2	1.9050
7 3/4	1.9685
8 0	2.0320
8 1/4	2.0955
8 1/2	2.1590
8 3/4	2.2225
9 0	2.2860
9 1/4	2.3495
9 1/2	2.4130
9 3/4	2.4765
10 0	2.5400
10 1/4	2.6035
10 1/2	2.6670
10 3/4	2.7305
11 0	2.7940
11 1/4	2.8575
11 1/2	2.9210
11 3/4	2.9845
12 0	3.0480
12 1/4	3.1115
12 1/2	3.1750
12 3/4	3.2385
13 0	3.3020
13 1/4	3.3655
13 1/2	3.4290
13 3/4	3.4925
14 0	3.5560
14 1/4	3.6195
14 1/2	3.6830
14 3/4	3.7465
15 0	3.8100
15 1/4	3.8735
15 1/2	3.9370
15 3/4	4.0005
16 0	4.0640
16 1/4	4.1275
16 1/2	4.1910
16 3/4	4.2545
17 0	4.3180
17 1/4	4.3815
17 1/2	4.4450
17 3/4	4.5085
18 0	4.5720
18 1/4	4.6355
18 1/2	4.6990
18 3/4	4.7625
19 0	4.8260
19 1/4	4.8895
19 1/2	4.9530
19 3/4	5.0165
20 0	5.0800
20 1/4	5.1435
20 1/2	5.2070
20 3/4	5.2705
21 0	5.3340
21 1/4	5.3975
21 1/2	5.4610
21 3/4	5.5245
22 0	5.5880
22 1/4	5.6515
22 1/2	5.7150
22 3/4	5.7785
23 0	5.8420
23 1/4	5.9055
23 1/2	5.9690
23 3/4	6.0325
24 0	6.0960
24 1/4	6.1595
24 1/2	6.2230
24 3/4	6.2865
25 0	6.3500
25 1/4	6.4135
25 1/2	6.4770
25 3/4	6.5405
26 0	6.6040
26 1/4	6.6675
26 1/2	6.7310
26 3/4	6.7945
27 0	6.8580
27 1/4	6.9215
27 1/2	6.9850
27 3/4	7.0485
28 0	7.1120
28 1/4	7.1755
28 1/2	7.2390
28 3/4	7.3025
29 0	7.3660
29 1/4	7.4295
29 1/2	7.4930
29 3/4	7.5565
30 0	7.6200
30 1/4	7.6835
30 1/2	7.7470
30 3/4	7.8105
31 0	7.8740
31 1/4	7.9375
31 1/2	8.0010
31 3/4	8.0645
32 0	8.1280
32 1/4	8.1915
32 1/2	8.2550
32 3/4	8.3185
33 0	8.3820
33 1/4	8.4455
33 1/2	8.5090
33 3/4	8.5725
34 0	8.6360
34 1/4	8.6995
34 1/2	8.7630
34 3/4	8.8265
35 0	8.8900
35 1/4	8.9535
35 1/2	9.0170
35 3/4	9.0805
36 0	9.1440
36 1/4	9.2075
36 1/2	9.2710
36 3/4	9.3345
37 0	9.3980
37 1/4	9.4615
37 1/2	9.5250
37 3/4	9.5885
38 0	9.6520
38 1/4	9.7155
38 1/2	9.7790
38 3/4	9.8425
39 0	9.9060
39 1/4	9.9695
39 1/2	10.0330
39 3/4	10.0965
40 0	10.1600
40 1/4	10.2235
40 1/2	10.2870
40 3/4	10.3505
41 0	10.4140
41 1/4	10.4775
41 1/2	10.5410
41 3/4	10.6045
42 0	10.6680
42 1/4	10.7315
42 1/2	10.7950
42 3/4	10.8585
43 0	10.9220
43 1/4	10.9855
43 1/2	11.0490
43 3/4	11.1125
44 0	11.1760
44 1/4	11.2395
44 1/2	11.3030
44 3/4	11.3665
45 0	11.4300
45 1/4	11.4935
45 1/2	11.5570
45 3/4	11.6205
46 0	11.6840
46 1/4	11.7475
46 1/2	11.8110
46 3/4	11.8745
47 0	11.9380
47 1/4	12.0015
47 1/2	12.0650
47 3/4	12.1285
48 0	12.1920
48 1/4	12.2555
48 1/2	12.3190
48 3/4	12.3825
49 0	12.4460
49 1/4	12.5095
49 1/2	12.5730
49 3/4	12.6365
50 0	12.7000
50 1/4	12.7635
50 1/2	12.8270
50 3/4	12.8905
51 0	12.9540
51 1/4	13.0175
51 1/2	13.0810
51 3/4	13.1445
52 0	13.2080
52 1/4	13.2715
52 1/2	13.3350
52 3/4	13.3985
53 0	13.4620
53 1/4	13.5255
53 1/2	13.5890
53 3/4	13.6525
54 0	13.7160
54 1/4	13.7795
54 1/2	13.8430
54 3/4	13.9065
55 0	13.9700
55 1/4	14.0335
55 1/2	14.0970
55 3/4	14.1605
56 0	14.2240
56 1/4	14.2875
56 1/2	14.3510
56 3/4	14.4145
57 0	14.4780
57 1/4	14.5415
57 1/2	14.6050
57 3/4	14.6685
58 0	14.7320
58 1/4	14.7955
58 1/2	14.8590
58 3/4	14.9225
59 0	14.9860
59 1/4	15.0495
59 1/2	15.1130
59 3/4	15.1765
60 0	15.2400
60 1/4	15.3035
60 1/2	15.3670
60 3/4	15.4305
61 0	15.4940
61 1/4	15.5575
61 1/2	15.6210
61 3/4	15.6845
62 0	15.7480
62 1/4	15.8115
62 1/2	15.8750
62 3/4	15.9385
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63 1/4	16.0655
63 1/2	16.1290
63 3/4	16.1925
64 0	16.2560
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64 1/2	16.3830
64 3/4	16.4465
65 0	16.5100
65 1/4	16.5735
65 1/2	16.6370
65 3/4	16.7005
66 0	16.7640
66 1/4	16.8275
66 1/2	16.8910
66 3/4	16.9545
67 0	17.0180
67 1/4	17.0815
67 1/2	17.1450
67 3/4	17.2085
68 0	17.2720
68 1/4	17.3355
68 1/2	17.3990
68 3/4	17.4625
69 0	17.5260
69 1/4	17.5895
69 1/2	17.6530
69 3/4	17.7165
70 0	17.7800
70 1/4	17.8435
70 1/2	17.9070
70 3/4	17.9705
71 0	18.0340
71 1/4	18.0975
71 1/2	18.1610
71 3/4	18.2245
72 0	18.2880
72 1/4	18.3515
72 1/2	18.4150
72 3/4	18.4785
73 0	18.5420
73 1/4	18.6055
73 1/2	18.6690
73 3/4	18.7325
74 0	18.7960
74 1/4	18.8595
74 1/2	18.9230
74 3/4	18.9865
75 0	19.0500
75 1/4	19.1135
75 1/2	19.1770
75 3/4	19.2405
76 0	19.3040
76 1/4	19.3675
76 1/2	19.4310
76 3/4	19.4945
77 0	19.5580
77 1/4	19.6215
77 1/2	19.6850
77 3/4	19.7485
78 0	19.8120
78 1/4	19.8755
78 1/2	19.9390
78 3/4	20.0025
79 0	20.0660
79 1/4	20.1295
79 1/2	20.1930
79 3/4	20.2565
80 0	20.3200
80 1/4	20.3835
80 1/2	20.4470
80 3/4	20.5105
81 0	20.5740
81 1/4	20.6375
81 1/2	20.7010
81 3/4	20.7645
82 0	20.8280
82 1/4	20.8915
82 1/2	20.9550
82 3/4	21.0185
83 0	21.0820
83 1/4	21.1455
83 1/2	21.2090
83 3/4	21.2725
84 0	21.3360
84 1/4	21.3995
84 1/2	21.4630
84 3/4	21.5265
85 0	21.5900
85 1/4	21.6535
85 1/2	21.7170
85 3/4	21.7805
86 0	21.8440
86 1/4	21.9075
86 1/2	21.9710
86 3/4	22.0345
87 0	22.0980
87 1/4	22.1615
87 1/2	22.2250
87 3/4	22.2885
88 0	22.3520
88 1/4	22.4155
88 1/2	22.4790
88 3/4	22.5425
89 0	22.6060
89 1/4	22.6695
89 1/2	22.7330
89 3/4	22.7965
90 0	22.8600
90 1/4	22.9235
90 1/2	22.9870
90 3/4	23.0505
91 0	23.1140
91 1/4	23.1775
91 1/2	23.2410
91 3/4	23.3045
92 0	23.3680
92 1/4	23.4315
92 1/2	23.4950
92 3/4	23.5585
93 0	23.6220
93 1/4	23.6855
93 1/2	23.7490
93 3/4	23.8125
94 0	23.8760
94 1/4	23.9395
94 1/2	24.0030
94 3/4	24.0665
95 0	24.1300
95 1/4	24.1935
95 1/2	24.2570
95 3/4	24.3205
96 0	24.3840
96 1/4	24.4475
96 1/2	24.5110
96 3/4	24.5745
97 0	24.6380
97 1/4	24.7015
97 1/2	24.7650
97 3/4	24.8285
98 0	24.8920
98 1/4	24.9555
98 1/2	25.0190
98 3/4	25.0825
99 0	25.1460
99 1/4	25.2095
99 1/2	25.2730
99 3/4	25.3365
100 0	25.4000

CONVEYANCE TABLE ADDED IN
REGISTERED INSTRUMENT
OF 203494 SH 17

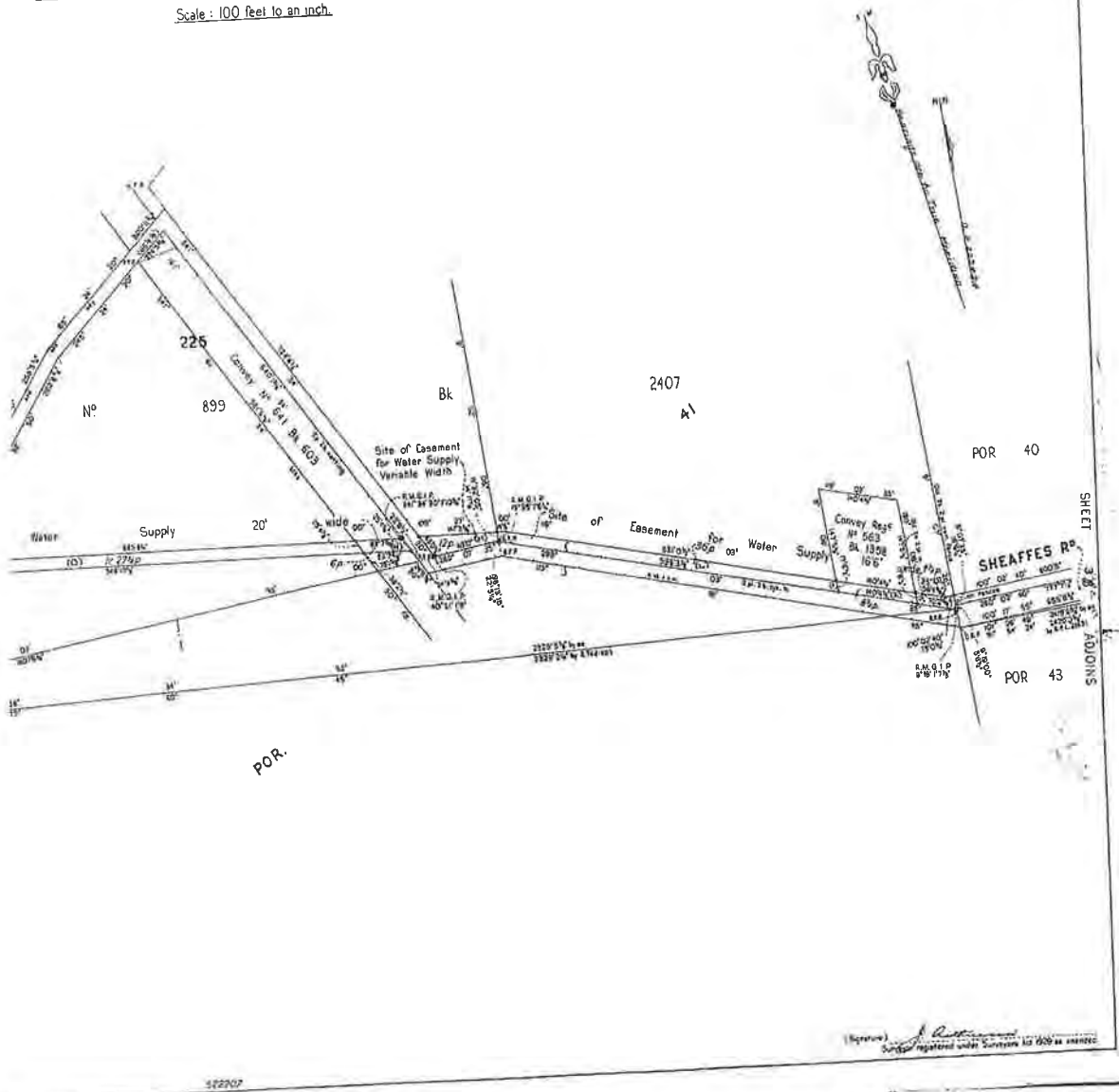
FEET INCHES	METRES
0 3/4	0.1875
1 0	0.2540
1 1/4	0.3175
1 1/2	0.3810
1 3/4	0.4445
2 0	0.5080
2 1/4	0.5715
2 1/2	0.6350
2 3/4	0.6985
3 0	0.7620
3 1/4	0.8255
3 1/2	0.8890
3 3/4	0.9525
4 0	1.0160
4 1/4	1.0795
4 1/2	1.1430
4 3/4	1.2065
5 0	1.2700
5 1/4	1.3335
5 1/2	1.3970
5 3/4	1.4605
6 0	1.5240
6 1/4	1.5875
6 1/2	1.6510
6 3/4	1.7145
7 0	1.7780
7 1/4	1.8415
7 1/2	1.9050
7 3/4	1.9685
8 0	2.0320
8 1/4	2.0955
8 1/2	2.1590
8 3/4	2.2225
9 0	2.2860
9 1/4	2.3495
9 1/2	2.4130
9 3/4	2.4765
10 0	2.5400

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made of a permanent record of a document in my custody this 25th day of March, 1977



of Site of Easements in Portions 41 and 225

Scale: 100 feet to an inch.



CONVERSION TABLE - DECID IN		CONVERSION TABLE - DECID IN	
OF SQUARE IN 1/4		OF SQUARE IN 1/4	
FEET METERS		FEET METERS	
1	0 5/8	1	0 5/8
2	1 3/4	2	1 3/4
3	1 1/2	3	1 1/2
4	1 1/4	4	1 1/4
5	1 1/8	5	1 1/8
6	1 1/2	6	1 1/2
7	1 3/4	7	1 3/4
8	1 5/8	8	1 5/8
9	1 7/8	9	1 7/8
10	2 0	10	2 0
11	2 1/8	11	2 1/8
12	2 1/2	12	2 1/2
13	2 3/4	13	2 3/4
14	2 5/8	14	2 5/8
15	2 7/8	15	2 7/8
16	3 0	16	3 0
17	3 1/8	17	3 1/8
18	3 1/4	18	3 1/4
19	3 1/2	19	3 1/2
20	3 3/4	20	3 3/4
21	3 5/8	21	3 5/8
22	4 0	22	4 0
23	4 1/8	23	4 1/8
24	4 1/4	24	4 1/4
25	4 1/2	25	4 1/2
26	4 3/4	26	4 3/4
27	4 5/8	27	4 5/8
28	4 7/8	28	4 7/8
29	5 0	29	5 0
30	5 1/8	30	5 1/8
31	5 1/4	31	5 1/4
32	5 1/2	32	5 1/2
33	5 3/4	33	5 3/4
34	5 5/8	34	5 5/8
35	5 7/8	35	5 7/8
36	6 0	36	6 0
37	6 1/8	37	6 1/8
38	6 1/4	38	6 1/4
39	6 1/2	39	6 1/2
40	6 3/4	40	6 3/4
41	6 5/8	41	6 5/8
42	6 7/8	42	6 7/8
43	7 0	43	7 0
44	7 1/8	44	7 1/8
45	7 1/4	45	7 1/4
46	7 1/2	46	7 1/2
47	7 3/4	47	7 3/4
48	7 5/8	48	7 5/8
49	7 7/8	49	7 7/8
50	8 0	50	8 0
51	8 1/8	51	8 1/8
52	8 1/4	52	8 1/4
53	8 1/2	53	8 1/2
54	8 3/4	54	8 3/4
55	8 5/8	55	8 5/8
56	8 7/8	56	8 7/8
57	9 0	57	9 0
58	9 1/8	58	9 1/8
59	9 1/4	59	9 1/4
60	9 1/2	60	9 1/2
61	9 3/4	61	9 3/4
62	9 5/8	62	9 5/8
63	9 7/8	63	9 7/8
64	10 0	64	10 0
65	10 1/8	65	10 1/8
66	10 1/4	66	10 1/4
67	10 1/2	67	10 1/2
68	10 3/4	68	10 3/4
69	10 5/8	69	10 5/8
70	10 7/8	70	10 7/8
71	11 0	71	11 0
72	11 1/8	72	11 1/8
73	11 1/4	73	11 1/4
74	11 1/2	74	11 1/2
75	11 3/4	75	11 3/4
76	11 5/8	76	11 5/8
77	11 7/8	77	11 7/8
78	12 0	78	12 0
79	12 1/8	79	12 1/8
80	12 1/4	80	12 1/4
81	12 1/2	81	12 1/2
82	12 3/4	82	12 3/4
83	12 5/8	83	12 5/8
84	12 7/8	84	12 7/8
85	13 0	85	13 0
86	13 1/8	86	13 1/8
87	13 1/4	87	13 1/4
88	13 1/2	88	13 1/2
89	13 3/4	89	13 3/4
90	13 5/8	90	13 5/8
91	13 7/8	91	13 7/8
92	14 0	92	14 0
93	14 1/8	93	14 1/8
94	14 1/4	94	14 1/4
95	14 1/2	95	14 1/2
96	14 3/4	96	14 3/4
97	14 5/8	97	14 5/8
98	14 7/8	98	14 7/8
99	15 0	99	15 0
100	15 1/8	100	15 1/8

CONVERSION TABLE ADDED BY REGISTERAL GENERAL'S DEPARTMENT			
DP 30999 IN 1/4" CONTO	FELT INCHES	METRIC	
1807	6 1/8	153.984	
1808	6 1/8	153.984	
2329	3 7/8	106.774	
2330	3 7/8	106.774	
2419	5 7/8	147.553	
2420	0 8/8	172.462	
AC RD P		50 M	
-	3 1/2	87.9	
-	4 1/4	107.5	
-	6	151.6	
-	0 1/2	213.5	
-	12	287.5	
-	8	201.5	
-	1 27	170.5	
-	1 27	170.5	

I, Bruce Richard Davies, Registrar General for the South Wales, that this negative is a photograph made of a particular record document in my custody this 25th day of March, 1964.



NORTH
30.00

EAST
19.00

sold to
William Clark
#42 acres.

ph Ki

Section 47

WEST
12.00

NORTH
12.00

Seete 20 charrs = 1 bush.

Bartholomae

pen of forty two acres at Duple - Parvate
annexed - County of Camden - capital
town at Mueschawer by Hunsow. Kitchel-

Condy (at water reg. Act of London, 1790)
 retained in fee's reserve of 2 new New River
 for sale at an upset of 200, but never
 sold. 18 June 1798. 1840
 Sold (1798) William Clark (1798-1840) (1798-1840)
 the 1st 1000 shares of 14 May 1840, London.
 but he had created there's do time the ground
 and placed them in the ground.

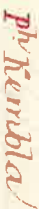
Description of Cornrows:

1. Snake W. to the north gate -
B. do. S. post. 30 to Black But.
C. Oak
D. Crabapple tree
E. Cedar
F. Snake -

about 20 acres of this portion is
rich brush land - the remainder
is good second hand - the timber
consists of Catalpa tree - Mallo tree
Gum - Yucca - Yucca is abundant -
Value \$1. per acre -

PLAN MICROFILMED
NO ADDITIONS OF AMENDMENTS TO BE MADE

PLAN MICROFILMED



Monocotylous
A. Slake
H. M. 10 to 12 ft. to 100 ft.
C. Slake
D. Slakey Bank.
B. Sea View
E. M. 15 to 25 ft. to 100 ft.

Place of birth soon ascertainable - Research
unsuccessful - ^{Research} Faculty of St. Andrews - appointed
for to purchase by William Clarke -
Acquaintance of latter's "Descent" of Commodore -
First of March

(Convey 10th under reg^d 10th of 1841
 Registered in the 1st vol^o of 2nd 1841 1842 1843
 for sale at an auction of 20th 1841
 20th of 1841 & 20th 1842
 sold to William. 1841

Dec. 11/13 wrote to me of his May 1840's stating that
he had counted 100000 to leave the grounds and
placed 100000 in *protection*

about ten and of this portion are
cleaned and found in three or four
good lots and stockyard artisans
employed by Kurors - the remainder
is sent straight down water in a gulf
valley £1 per acre -

443

PLAN MICROFILMED



Sialia mexicana = 1 sheet -

W. Keever. 100 verses.

Ph. Hembla

Country lot front
-situated in the
for sale at the west end
lot 15 - sale exp. 8
not sold on that day
-The lot bears lat. $\frac{N}{2}$ by
-William Clark of Jaffrey
about price of \$1000
to be sold
See W. Burges letter of 14 May 1855
that he has caused notices to be laid the
ground and placed there in possession

Account & Description of Remedies -

Plant of twenty acres at Doyle Park
Wentworth
unimproved - Twenty of Warrandoo -
applied for to purchase by the Mayor.

Description of the river

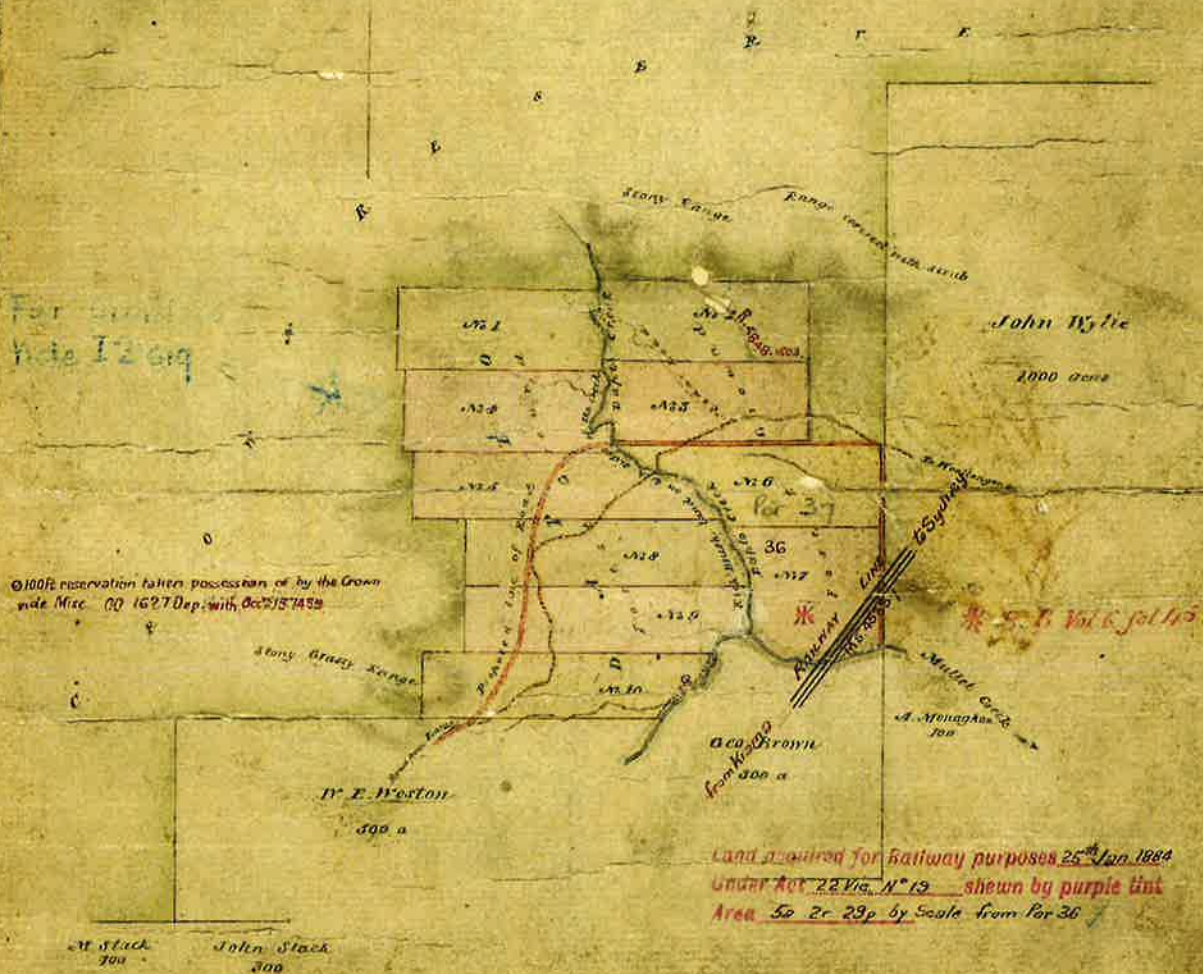
A.M. 15° E. 2.55 ¹⁶h. pepperment.
 B — stalks —
 C. W. 20 f. oak
 D — pepperment —

17th Dec. 1844.
 Dear Sir,
 I have the honor to acknowledge the receipt of your letter of the 14th inst. in relation to the above matter.
 I have the honor to inform you that the same has been forwarded to the proper authorities for their consideration.
 I am, Sir, very respectfully,
 Yours,
 J. H. [Signature]

There are about ten acres of this further cleared
and fenced in - the soil is good -
the remainder is forest land - water is
scarce - Value £1000000 -

AI
NID I.4. 619

Plan of Ten Allotments for Veteran Soldiers
at DAPTO on the Crown Reserve to
the Westward of Woolongong in the
District of ILLAWARRA



Knapp's P. R. Vol. 2 p. 179

Dec 10 86
See I 2 619

AI
NID I.4. 619

AD 10000 No 13 153

L. H. Knapp
1864

THE Companies Act, 1936 (Section 98).—SPECIAL RESOLUTION.—The Special Resolution set out hereunder was duly passed at an Extraordinary General Meeting of R. F. Mounier & Co. Pty. Limited held at the office of Messrs. C. E. Foxall & Company, 117 Pitt-street, Sydney, on the 7th day of November, 1951. **SPECIAL RESOLUTION.**—"That the Company be wound up voluntarily and that Mr. G. W. Tyson be appointed Liquidator for the purpose of such winding-up."—Dated at Sydney, this 7th day of November, 1951. M. WAKFER, Chairman of the Meeting and a Director of the Company.

3109—18s.

NEW SOUTH WALES CREMATION CO. LTD.—LOST SHARE CERTIFICATE.—Application has been made to the Directors of the New South Wales Cremation Co. Limited to issue duplicate share certificate in respect of 40 ordinary shares in the Company, numbered 27118-27157, standing in the name of the estate of the late Harry Hodgson. Upon the statement that the original Certificate No. 514 has been lost, notice is hereby given that, if within twenty-one days from the date of publication hereof, no claim or representation in respect of the original certificate is made to the Directors, it is their intention to issue duplicate thereof.—Dated this sixteenth day of November, one thousand nine hundred and fifty-one. A. E. DENT, Secretary.

3137—19s.

NEW SOUTH WALES CREMATION CO. LTD.—LOST SHARE CERTIFICATE.—Application has been made to the Directors of the New South Wales Cremation Co. Limited to issue duplicate share certificate in respect of 20 ordinary shares in the Company, numbered 19202-19221, standing in the name of the estate of the late Annie Connenen Dunhill. Upon the statement that the original Certificate No. 337 has been lost, notice is hereby given that, if within twenty-one days from the date of publication hereof, no claim or representation in respect of the original certificate is made to the Directors, it is their intention to issue duplicate thereof.—Dated this sixteenth day of November, one thousand nine hundred and fifty-one. A. E. DENT, Secretary.

3136—19s.

PRESIDENT CONSOLIDATED LIMITED.—LOST SHARE CERTIFICATES.—Application has been made to the above Company to issue new Certificates of Title to 300 5s. fully paid ordinary shares, No. 622097 to 622396, both inclusive, and to 200 5s. fully paid ordinary shares, No. 403182 to 403681, both inclusive, in lieu of original Certificates Nos. 3470 and 3477, issued in the name of Lily Emma Tonkin, of Sydney, New South Wales, and the said Lily Emma Tonkin has made a statutory declaration that the original Certificates of Title to the said shares have been lost. Notice is hereby given that unless within twenty-one days from date hereof there is made to the Company some claim or representation in respect of the said original certificates, new certificates will be issued in place thereof.—Dated this fourteenth day of November, 1951. J. K. WILLS, Secretary.

3129—£1 3s.

IN the matter of the Companies Act, 1936, and in the matter of TITAN GUT CO. PTY. LIMITED (IN VOLUNTARY LIQUIDATION).—NOTICE TO CREDITORS.—The creditors of the abovesaid Company are required, on or before the 22nd December, 1951, to send their names and addresses, and the particulars of their debts or claims, and the names and addresses of their solicitors, if any, to R. O. Cummings and A. H. Castelow, 50, Halstead-street, South Hurstville, the Voluntary Liquidators of the said Company, and if so required by notices in writing from the said Liquidators, are by their solicitors or otherwise to come in and prove their said debts or claims at such time and place as shall be specified in such notice, or in default thereof they will be excluded from the benefit of any distribution made before such debts or claims are proved.—Dated this 8th day of November, 1951. R. O. CUMMINGS, A. H. CASTELOW, Liquidators.

3072—£1 7s.

TOOTH & CO. LIMITED.—Application having been made to the abovesaid Company to issue a fresh share certificate in lieu of Certificate No. 83515 for 110 shares, consecutive numbers 4140472 to 4140581, declared to have been lost, notice is hereby given that it is the intention of Tooth & Co. Limited, after twenty-one days from the publication hereof, to issue fresh scrip for 110 shares in Tooth & Co. Limited, consecutive numbers as above, in the name of Donald George Mackay. C. G. KILPATRICK, Secretary, Kent Brewery, Sydney. Dated 15th November, 1951.

3093—16s.

WESTCOTT HAZELL ENGINEERING & STEEL LTD.—LOST SHARE CERTIFICATE.—Application having been made to the Directors of this Company to issue to Charles Trebock, of Winchcombe Carson Ltd., Box 1026 BB, G.P.O., Sydney, in the State of New South Wales, the registered holder, one duplicate share certificate in respect of two hundred (200) ordinary shares in the Company, numbered 194626 to 194825 inclusive, upon the statement that the original Certificate No. 3095 has been lost, notice is hereby given that if within 21 days from the date of publication hereof no claim or representation in respect of the original certificate is made to the Directors, it is their intention to issue a duplicate thereof.—Dated this 16th day of November, 1951. R. L. BOOTH, Secretary, 252 Castlereagh-street, Sydney.

3120—£1 6s.

BATHURST CITY COUNCIL.—PROPOSED SPECIAL LOAN.—The Bathurst City Council hereby notifies, in pursuance of section 181 of the Local Government Act, 1919, that:—(1) The Council proposes to raise a special loan of seven thousand pounds (£7,000) for the purposes of building lock-up shops at corner Russell and Bentinck streets, Bathurst. (2) The rate of interest will not exceed 4½%, and securities will be issued at par. (3) It is proposed to repay the loan over a period of thirty years by 60 equal half-yearly instalments of principal and interest combined, each amounting to £204 8s. 9d. (4) For the purposes of meeting the instalments referred to in paragraph (3), the law requires that unless in circumstances provided for, the Council obtains permission to refrain from levying a loan rate or to levy a reduced loan rate, the Council shall levy a loan rate sufficient to provide the full amount of such instalments. The amount of the loan rate, if levied, which Council considers will be sufficient for the purpose is 0.1d. in the £ if levied on the unimproved capital value (£1,047,022), estimated to yield £430, or .023d. in the £ if levied on the improved capital value (£4,319,855), estimated to yield £413, of all rateable land in the Municipality. (5) Council, however, proposes to pay the instalments from the General Fund, and to apply, according to law, for permission to refrain from levying the loan rate. (6) Further particulars of the loan may be obtained at the Council office during ordinary office hours. (7) Within one month from publication of this notice, any number, not less than 25%, of the ratepayers enrolled may petition the Council to take a poll of ratepayers on the questions (a) whether the ratepayers approve of the loan; (b) whether the loan rate shall be levied on the unimproved capital value or the improved capital value; (c) on both questions. Unless otherwise decided by poll the Council proposes to levy the loan rate, if necessary, on the unimproved capital value. The number of ratepayers concerned is 1,878. A. L. MORSE, Mayor. K. M. FORRESTER, Town Clerk, Council Chambers, Bathurst, 7th November, 1951.

3082—£2 14s.

NOTICE OF RESUMPTION OF LAND BY GREATER WOLLONGONG CITY COUNCIL (LOCAL GOVERNMENT ACT, 1919—PART XXV).—WHEREAS on the fifteenth day of August, one thousand nine hundred and fifty-one, the Greater Wollongong City Council (hereinafter called "the Council") resolved, in pursuance of the Local Government Act, 1919, to resume the land described in the Schedule hereto for the purpose of establishing a sanitary depot for the disposal of nightsoil and for the cleansing of pans, and whereas the Council further resolved to make an application for the approval of the Governor to cause a notice of the resumption of such land, together with a description of such land to be published in the Gazette and in a newspaper circulating in the area in which such land is located, and whereas on the tenth day of October, one thousand nine hundred and fifty-one, upon the application of the Council, His Excellency the Lieutenant-Governor, with the advice of the Executive Council, approved of a notice of the resumption of the land described in the said Schedule for such purpose, together with a description of such land, to be published in the New South Wales Government Gazette and a newspaper circulating in the area in which the land is located: Now, therefore, the Council, with the advice of His Excellency the Lieutenant-Governor, with the advice of the Executive Council as aforesaid, doth hereby give notice that the land described in the Schedule hereto is hereby resumed by the Council under the provisions of the Local Government Act, 1919, aforesaid, and the Council doth hereby also give notice that a plan of such land has been deposited with the Town Clerk at the Council Chambers, Wollongong, and with the Surveyor-General at the Department of Lands, Sydney, which plans are open for public inspection; and the Council doth hereby also give notice that upon the publication of this notice and the description in the Schedule hereto the land therein described becomes for the purposes and subject to the provisions of the said Act vested in the Council for an estate in fee-simple in possession freed and discharged from all trusts, obligations, estates, interests, contracts, charges, rates, rights-of-way or easements whatsoever. In witness whereof the Common Seal of the Greater Wollongong City Council has been hereunto affixed this fifteenth day of November, one thousand nine hundred and

fifty-one, in accordance with a resolution of the Council passed on the fourteenth day of November, one thousand nine hundred and fifty-one. The Common Seal of the Greater Wollongong City Council was hereunto affixed by me, WILLIAM HENRY MITCHELL, Clerk of the Greater Wollongong City Council, this fifteenth day of November, one thousand nine hundred and fifty-one. (Seal.) J. J. KELLY, Mayor. W. H. MITCHELL, Clerk. THE SCHEDULE.—All that piece or parcel of land situate in the City of Greater Wollongong, parish of Kembla, and county of Camden, being portion 186, having an area of 42 acres or thereabouts, and said to be in the possession of Beryl Evelyn Harshaw. 3083—£3 10s. 6d.

MUNICIPALITY OF CANTERBURY.—The Council of the Municipality of Canterbury hereby notifies, in pursuance of the provisions of section 181 of the Local Government Act, 1919, that:—(1) The Council proposes to raise a special loan of twenty thousand pounds (£20,000) for the purpose of constructing concrete road pavement and kerb and gutter in Kingsgrove-road. (2) The rate of interest on the proposed loan will not exceed four and one-eighth (4 $\frac{1}{8}$ 2s. 6d.) per centum, and the securities will be issued at par. (3) It is proposed to repay the loan over a period of ten (10) years by twenty (20) equal consecutive half-yearly instalments of principal and interest combined, each amounting to £1,230 10s. 6d. (4) For the purpose of meeting the instalments referred to in paragraph (3) the law requires that, unless in circumstances provided for, the Council obtains permission to refrain from levying a loan rate or to levy a reduced loan rate, the Council shall levy a loan rate sufficient to provide the full amount of such instalments. The amount of the loan rate, if levied, which the Council considers will be sufficient for this purpose is 0.753d. in the £ if levied on the U.C.V. (£7,840,047), estimated to yield £2,461 1s. or 0.179d. in the £ on the L.C.V. (£12,953,322), estimated to yield £2,461 1s., of all rateable land in the Municipality. (5) The Council, however, proposes to pay the instalments from the General Fund, and to apply, according to law, for permission to refrain from levying the loan rate. (6) Further particulars of the loan proposal may be inspected at the Council's office during ordinary office hours. H. R. THORNCRAFT, Mayor. S. H. LORTS, Town Clerk, Town Hall, Canterbury. 3091—£2 3s. 6d.

SOUTH GRAFTON MUNICIPAL COUNCIL.—PROPOSED SPECIAL LOAN, £2,500.—Amended Notice.—The South Grafton Municipal Council hereby notifies, in pursuance of the provisions of section 181 of the Local Government Act, 1919, that:—(1) The Council proposes to raise a special loan of £2,500 for the purpose of purchase of plant and acquisition of land for roads. (2) The rate of interest on the proposed loan will not exceed four and one-eighth (4 $\frac{1}{8}$) per centum per annum and the securities will be issued at par. (3) It is proposed to repay the loan over a period of eight (8) years by sixteen (16) equal half-yearly instalments of principal and interest combined each amounting to £185 6s. 9d. (4) For the purpose of meeting the instalments referred to in paragraph (3) the law requires that, unless in circumstances provided for the Council obtains permission to refrain from levying a loan rate, or to levy a reduced loan rate the Council shall levy a loan rate sufficient to provide the full amount of such instalments. The amount of the loan rate, if levied, which the Council considers will be sufficient for this purpose is one-third d. in the £ if levied on the unimproved capital value (£266,500), estimated to yield £370 2s. 9d., or one-fourteenth d. in the £ on the improved capital value (£1,289,000), estimated to yield £383 of all rateable land in the municipality. (5) Further particulars of the loan proposal may be inspected at the Council's office during ordinary office hours. (6) Within one month from the publication of this notice any number, not less than twenty-five per centum (25 per cent.) of the ratepayers enrolled, may petition the Council to take a poll of such ratepayers on the questions (a) whether the ratepayers approve of the loan, (b) whether the loan rate shall be levied on the unimproved capital value or on the improved capital value, or (c) on both questions; unless otherwise decided by poll, the Council proposes to levy the loan rate, if necessary, on the unimproved capital value. The number of ratepayers concerned is 857. W. E. CRISP, Mayor. C. J. BEESEFORD, Town Clerk. 3134—£2 11s.

APSLEY SHIRE COUNCIL.—CATTLE SLAUGHTERING INSPECTOR.—Constable Stanley Walter Wilken has been appointed Inspector under the Cattle Slaughtering and Diseased Animals and Meat Act for that portion of the Apsley Shire within the Walcha Road Police Patrol Area. By Order of the Council for the Shire of Apsley, C. PARSONS, Shire Clerk, Shire Office, Walcha, 13th November, 1951.

3142—10s. 6d.

GOOBANG SHIRE COUNCIL.—APPOINTMENT OF INSPECTOR UNDER THE CATTLE SLAUGHTERING AND DISEASED ANIMALS AND MEAT ACT, 1902.—Notice is hereby given that Sergeant 2nd Class John Thomas Marshall was appointed Inspector under section 4 of the aforementioned Act by resolution of the Council dated the 10th day of October, 1951, for that part of the Gooabang Shire within the Parkes Police Patrol. J. J. LIVINGSTON, Shire Clerk, Shire Office, Parkes, 16th November, 1951. 3132—12s.

FORM 1.—Ordinance No. 30.—Local Government Act, 1919.—SHIRE OF GOSFORD.—NAME OF ROAD.—Notice is hereby given that the Council proposes to apply for the approval of the Minister for Local Government to the naming of road now unnamed off The Crescent, Terrigal, d.p. 10,028. Proposed name—Barrington-road. Objections to the proposed name may be lodged with the Council by any elector of the area within one month after publication of this notice. Such objections will not be in order unless they give reasons. Authorised by resolution of the Council on the eighth day of November, 1951. N. G. HOWES, Shire Clerk, Council Chambers, Gosford, 9th November, 1951. 3097—18s.

GUNDURIMBA SHIRE COUNCIL.—It is hereby notified, in accordance with the provisions of section 121 of the Local Government Act, that the following area has been defined as the Gonnellabah Town Improvement District: Commencing at the north-western corner of portion 145, parish of Lismore, county of Ross, thence easterly along the centre line of State Highway No. 16 to a point opposite the south-western corner of portion 144; thence northerly along the western boundary of the said portion 144 for a distance of 250 yards, generally easterly, at a distance of 250 yards from the centre line of State Highway No. 16, to the intersection of a prolongation north-westerly of the north-eastern boundary of lot 8 of d.p. 21,385; thence south-easterly and crossing State Highway No. 16, and along the north-eastern boundary of the said lot 8 to a point 250 yards from the centre line of State Highway No. 16; thence generally by lines parallel to and distant 250 yards from the centre line of State Highway No. 16 to a point due north of the north-eastern boundary of Subdivision D. No. 839845; thence southerly to a point on the prolongation north-easterly of the south-eastern boundary of lot 13 of section 2, d.p. 5,014; thence south-westerly by that prolongation and the south-eastern boundary of said lot 13 and crossing Main Road No. 555 to a point 250 yards distant from the centre line of the said Main Road No. 555; thence north-westerly to a point one chain due south of the south-eastern corner of lot 5 of section 12, d.p. 1,064, on the southern side of a reserved road; thence westerly by the southern side of the said reserved road; thence northerly to the north-western corner of lot 10 of section 3, d.p. 1,064; thence westerly to the eastern boundary of portion 148; thence southerly, westerly and northerly by the eastern, southern and western boundaries of portion 148, to a point 250 yards south from the centre line of State Highway No. 16, thence by lines parallel to the centre line of State Highway No. 16 to the western boundary of portion 145; thence northerly to the point of commencement. N. E. FIFORD, Shire Clerk, Lismore, 9/11/51. 3133—£3 14s.

GUNDURIMBA SHIRE COUNCIL.—PROPOSED SPECIAL LOAN, £3,500.—The Council of the Shire of Gundurimba hereby notifies, in pursuance of section 180 of the Local Government Act, 1919, that:—(1) The Council proposes to raise a special loan of five thousand five hundred pounds (£5,500) for the purpose of providing the Council's share of the cost of construction and improvement works on main roads. (2) The rate of interest on the proposed loan will not exceed 4 $\frac{1}{2}$ per centum, and the securities will be issued at par. (3) It is proposed to repay the loan over a period of eight (8) years by sixteen equal half-yearly instalments of principal and interest combined, each amounting to £407 1s. 8d. (4) The Council does not propose to levy a loan rate for the purpose of providing for the payment of the abovementioned instalments. It is intended that the instalments shall be paid from General Fund. (5) Further particulars of the loan proposal may be obtained at the Council's office during ordinary office hours. (6) A period of one month from date of publication of this notice is allowed in which any number, not less than 25% of the ratepayers may petition the Council to take a poll of ratepayers on the question as to whether the ratepayers approve of the loan. The number of ratepayers on the roll is 999. GEORGE OLIVER, President. N. E. FIFORD, Shire Clerk, Lismore, 7th November, 1951. 3068—£1 16s.

WYONG SHIRE COUNCIL.—Notice is hereby given that the abovenamed Council has appointed Mr. Samuel Victor Bayley as Inspector under the Cattle Slaughtering and Diseased Animals and Meat Act, 1902, within the Shire of Wyong. J. GOLDING, Shire Clerk, 9th November, 1951. 3064—10s.

NEW SOUTH WALES

IVA No.24690

CERTIFICATE OF TITLE
PROPERTY ACT, 1900



13448080

Vol. 13448 Fol. 80



EDITION ISSUED

26 9 1977

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.

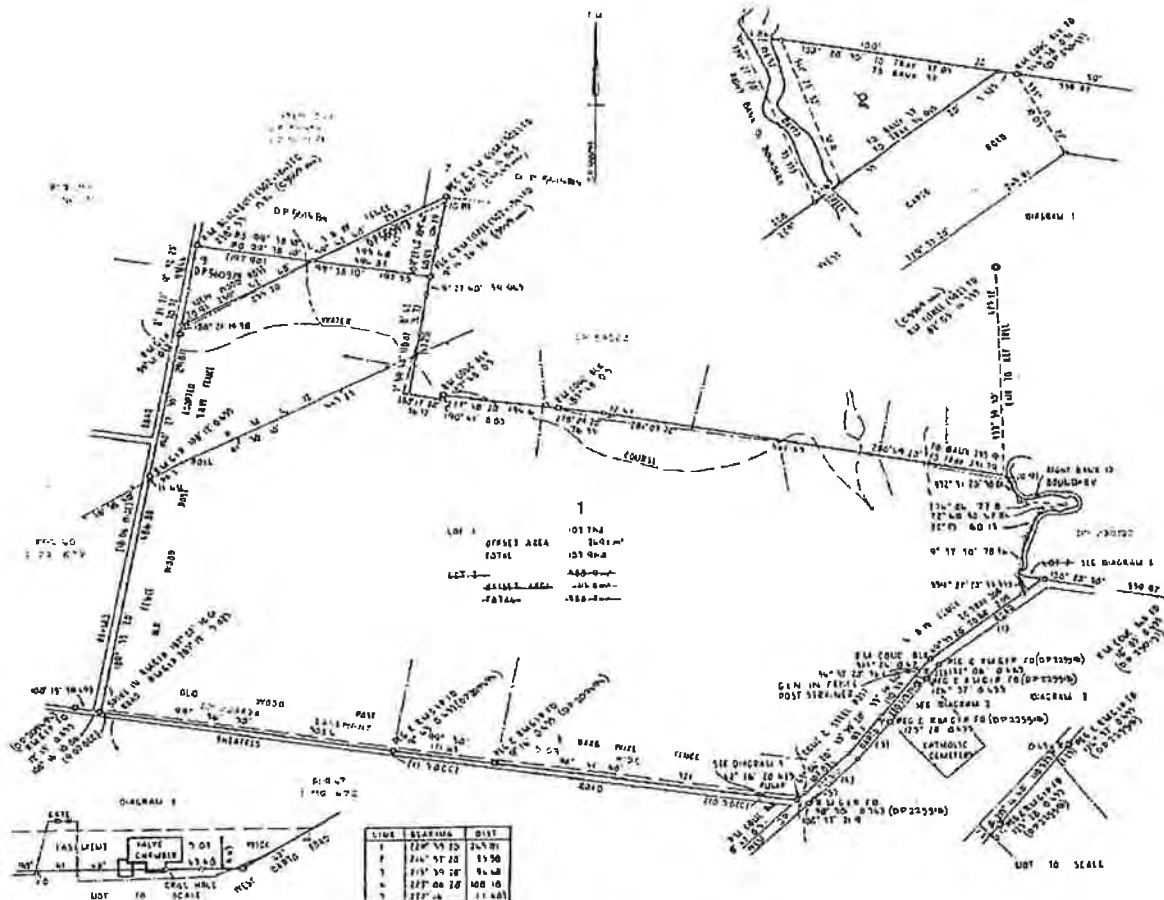
CANCELLED
Registrar General.



PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES

SEE AUTO FOLIO



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 1 in Deposited Plan 588139 at Kembla Grange in the City of Wollongong Parish of Kembla and County of Camden being part Portion 28 granted to James Mitchell on 30-12-1838, part of Portion 31 granted to Elizabeth Gray on 18-5-1843, part of Portion 186 granted to William Clark on 25-3-1845, part of Portion 187 granted to William Clark on 25-3-1845 and part of Portion 188 granted to William Clark on 30-6-1845.

FIRST SCHEDULE

AUSTRALIAN IRON & STEEL PROPRIETARY LIMITED.

SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Crown Grants above referred to.
2. CAUTION. The land within described is held subject to any subsisting interest (as defined in section 28A of the Real Property Act, 1900).

26. 9. 1977

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TITLES OFFICE.

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

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

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR

[illegible]

SECOND SCHEDULE (continued)

[illegible]

(Page 2 of 2 pages)

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

Form: 97-10CN
Licence: 10V/0167/95
Printed: 0897LTO

Instructions for filling out
this form are available from
the Land Titles Office

Application to Record
CHANGE OF NAME

New South Wales
Real Property Act 1900
Crown Land Acts 1989
Western Lands Act 1901

5200476F



(A) LAND

See attached sheet

(B) REGISTERED DEALING
if applicable.

(C) LODGED BY

LTO Box

1170 R

Name, Address or DX and Telephone

G MARTIN Sr

RUSELANDS 2196

Reference (15 character maximum):

(D) REGISTERED PROPRIETOR Australian Iron and Steel Pty Ltd
whose name is to be changed. (ACN ~~XXX~~ XX000 019 625)

(E) NEW NAME
in full.

CN

BHP Steel (AIS) Pty Ltd
(ACN 000 019 625)

(F) I, the registered proprietor, apply to have my new name recorded in the Register in respect of the above land/registered dealing.

(G) STATUTORY DECLARATION BY THE APPLICANT

1. [new name] Mr Greg Duff of Five Islands Road, Port Kembla, solemnly and sincerely declare that

1. I am identical with the registered proprietor referred to above the Secretary of the Company

2. On 14 August 1998 at BHP Steel (AIS) Pty Ltd

in the State of I married

3. BHP Steel (AIS) Pty Ltd is identical with Australian Iron and Steel Pty Ltd.

On 25 January 1994 Australian Iron and Steel Pty Ltd changed its name to

BHP Steel (AIS) Pty Ltd in accordance with the Corporations Law.

I make this solemn declaration conscientiously believing the same to be true and by virtue of the Oaths Act 1900, and I certify
this application correct for the purposes of the Real Property Act 1900.

Made and subscribed at Port Kembla in the State of New South Wales

on the 14th day of August 19 98 in the presence of

Signature of Witness

RAY JARMAN

Name of Witness (BLOCK LETTERS)

Port Kembla Solicitor

Address and Qualification of Witness

Signature of Applicant

(A) LAND

VOLUME

FOLIO

1066	217	NOW BEING 1 585 22	
12138	245	NOW BEING 2 560973	OFF BA 4725362
10517	43	NOW BEING 2 230137	
13448	80	NOW BEING 1 588139	OFF QG
13448	81	NOW BEING 1 588 140	OFF GG
13448	82	NOW BEING 1 588 141	OFF QG
3907	121	NOW BEING 1 315174	
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13162	137	NOW BEING 213 16051	
9120	121	NOW BEING 26 16484	
4437	217	NOW BEING 25 16884	
14809	182	NOW BEING 1 235362	
11221	226	NOW BEING	
11221	227	NOW BEING 2 235362	
5420	47	1 430752	
5630	9	3 432055	
14211	18	5 255282	

FOLIO IDENTIFIERS

14/705941
 15/705941
 16/705941
 11/736121

2 SP 36279

Ray Laman. [Signature]

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

22/8/2017 3:38PM

FOLIO: 1/588139

First Title(s): SEE PRIOR TITLE(S)

Prior Title(s): VOL 13448 FOL 80

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
28/3/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
24/8/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
18/1/1995	U950315	DEPARTMENTAL DEALING	
17/8/1998	5200476	CHANGE OF NAME	EDITION 1
3/11/2008	AE301414	CAVEAT	
29/6/2011	AG333986	WITHDRAWAL OF CAVEAT	
14/9/2015	AJ811575	DEPARTMENTAL DEALING	

*** END OF SEARCH ***

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 1/588139

SEARCH DATE	TIME	EDITION NO	DATE
22/8/2017	3:38 PM	1	17/8/1998

LAND

LOT 1 IN DEPOSITED PLAN 588139
AT KEMBLA GRANGE
LOCAL GOVERNMENT AREA WOLLONGONG
PARISH OF KEMBLA COUNTY OF CAMDEN
TITLE DIAGRAM DP588139

FIRST SCHEDULE

BHP STEEL (AIS) PTY LIMITED

(CN 5200476)

SECOND SCHEDULE (2 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 BK 2716 NO 185 EASEMENT FOR WATER SUPPLY 5.03 WIDE AFFECTING THE LAND SHOWN IN DP 209494

NOTATIONS

NOTE: THE CERTIFICATE OF TITLE FOR THIS FOLIO OF THE REGISTER DOES NOT INCLUDE SECURITY FEATURES INCLUDED ON COMPUTERISED CERTIFICATES OF TITLE ISSUED FROM 4TH JANUARY, 2004. IT IS RECOMMENDED THAT STRINGENT PROCESSES ARE ADOPTED IN VERIFYING THE IDENTITY OF THE PERSON(S) CLAIMING A RIGHT TO DEAL WITH THE LAND COMPRISED IN THIS FOLIO.

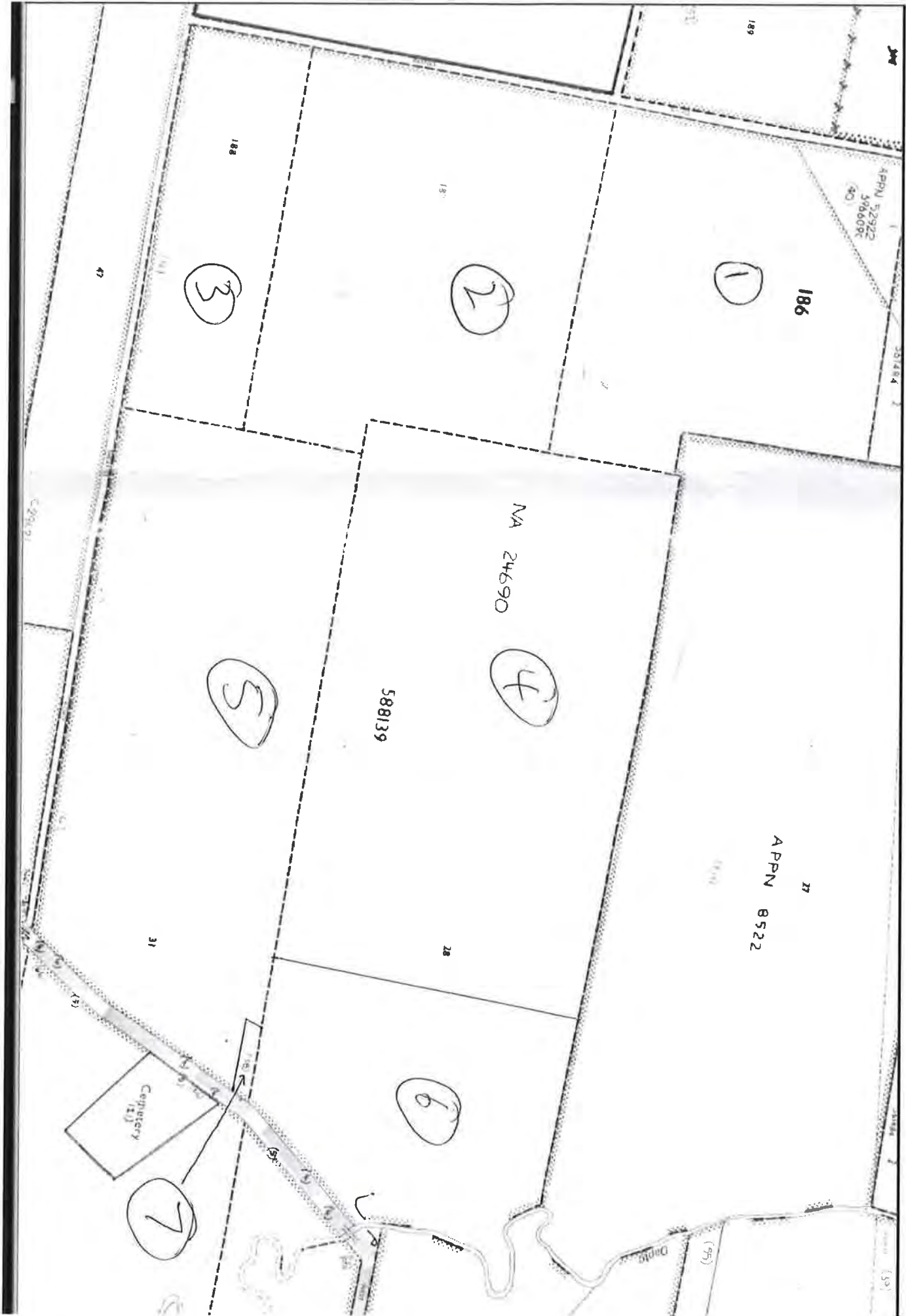
UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

kembla grange

PRINTED ON 22/8/2017

Charting Map W 7377-3



Charting Map W 7377-3

County : CAMDEN

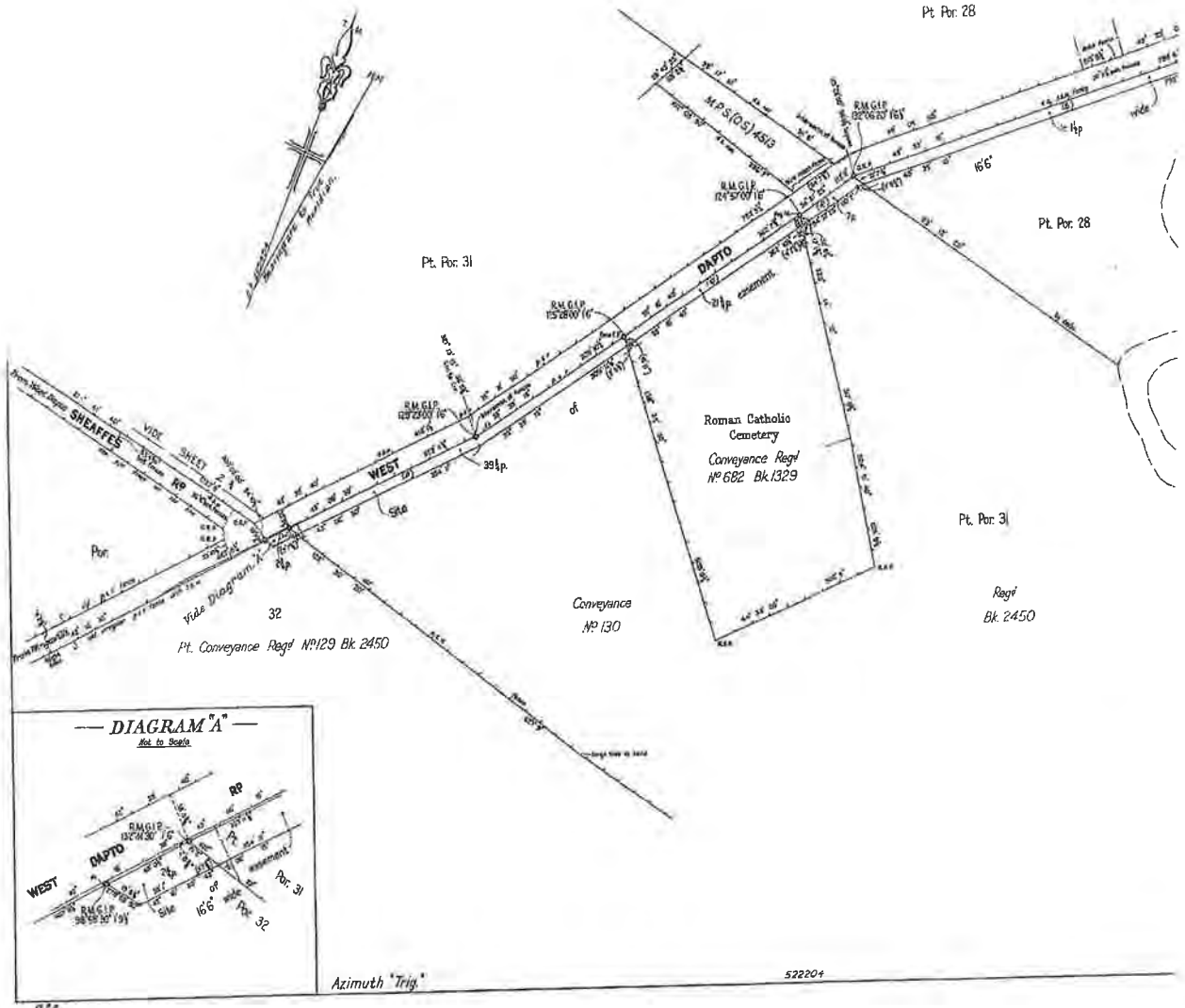


PLAN

of sites of easement proposed to be acquired in connection with Avon Berkeley Watermain.

— Parish of Kembla — County of Camden —

Scale: 100 Feet to an Inch.



CONVEYANCE TABLE ADD IN
REGISTERED CONVEYANCES

FEET INCHES	METRES
1 6 1/8	1.5
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444 6 1/8	444.5
445 6	

PLAN

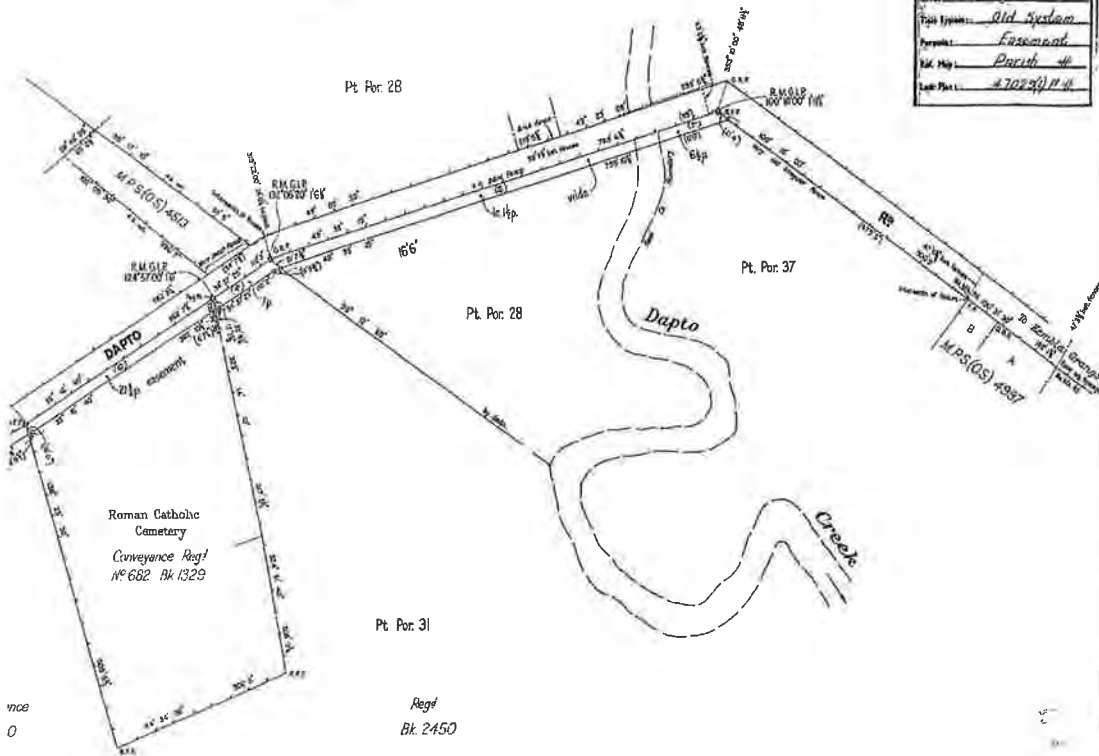
SHEET 1 OF 4 SHEETS

tes of easement proposed to be acquired in connection with Avon Berkeley Watermain.

of Kembla — County of Camden —

Scale: 100 Feet to an Inch

D.P. 209494
Proposed: <i>Water Main</i>
File: <i>Water Main</i>
Project: <i>Water Main</i>
Est. Map: <i>Part 4</i>
Est. Plan: <i>47029(1) 11 11</i>



I, James Arthurson of M.W.S.L.B. Crown St. Wollongong a surveyor registered under the Surveyors Act, 1929 as amended hereby certify that the survey represented in this plan is accurate and has been made by me in accordance with the Survey Practice Regulations, 1933, and was completed on July 1960

(Signature) *James Arthurson*

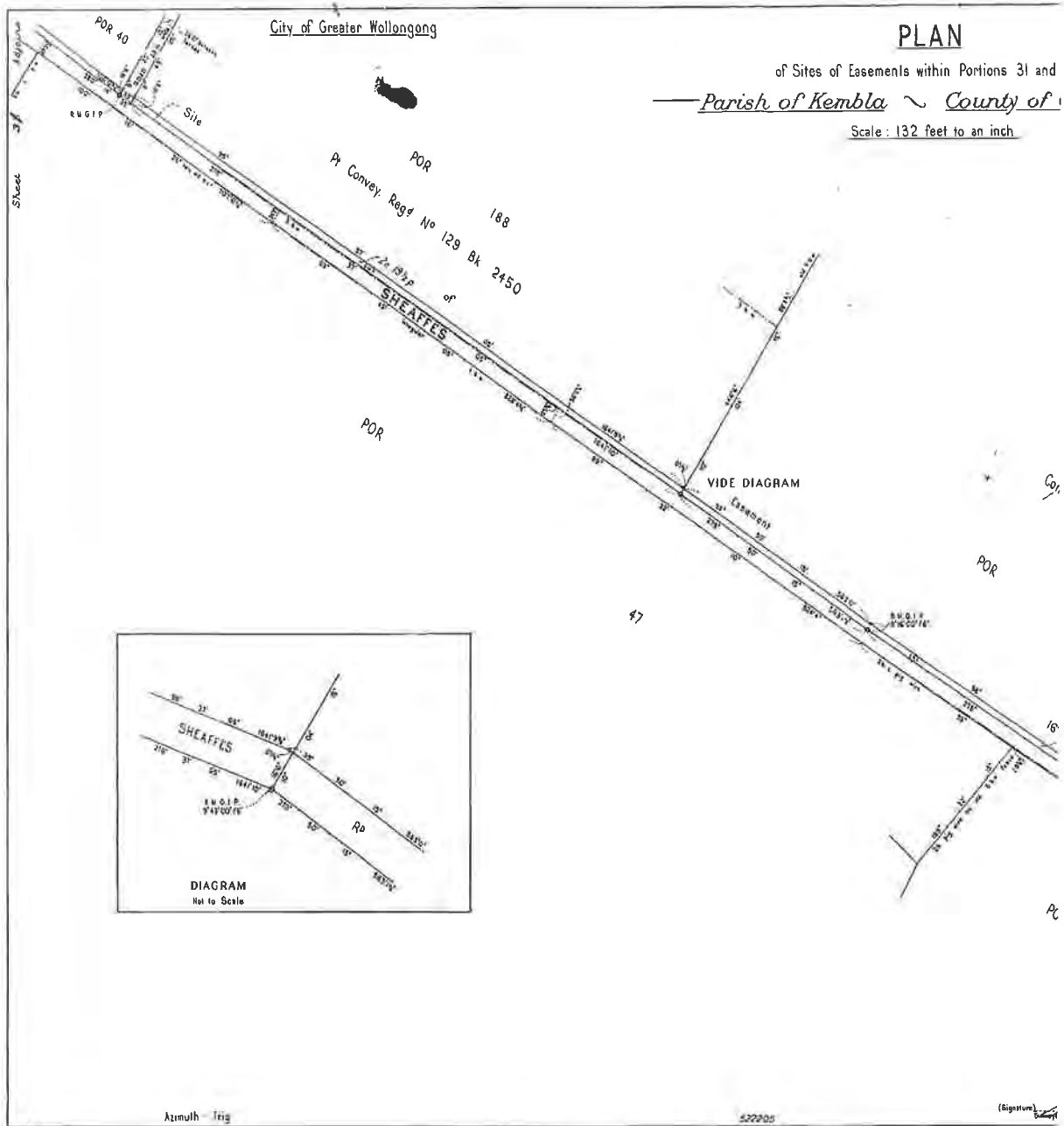
Surveyor registered under the Surveyors Act 1929 as amended

522204

PELT INCHES	METRIC	PELT INCHES	METRIC
11	0.433	11	0.433
12	0.472	12	0.472
13	0.511	13	0.511
14	0.551	14	0.551
15	0.590	15	0.590
16	0.629	16	0.629
17	0.668	17	0.668
18	0.707	18	0.707
19	0.746	19	0.746
20	0.785	20	0.785
21	0.824	21	0.824
22	0.863	22	0.863
23	0.902	23	0.902
24	0.941	24	0.941
25	0.980	25	0.980
26	1.019	26	1.019
27	1.058	27	1.058
28	1.097	28	1.097
29	1.136	29	1.136
30	1.175	30	1.175
31	1.214	31	1.214
32	1.253	32	1.253
33	1.292	33	1.292
34	1.331	34	1.331
35	1.370	35	1.370
36	1.409	36	1.409
37	1.448	37	1.448
38	1.487	38	1.487
39	1.526	39	1.526
40	1.565	40	1.565
41	1.604	41	1.604
42	1.643	42	1.643
43	1.682	43	1.682
44	1.721	44	1.721
45	1.760	45	1.760
46	1.799	46	1.799
47	1.838	47	1.838
48	1.877	48	1.877
49	1.916	49	1.916
50	1.955	50	1.955
51	1.994	51	1.994
52	2.033	52	2.033
53	2.072	53	2.072
54	2.111	54	2.111
55	2.150	55	2.150
56	2.189	56	2.189
57	2.228	57	2.228
58	2.267	58	2.267
59	2.306	59	2.306
60	2.345	60	2.345
61	2.384	61	2.384
62	2.423	62	2.423
63	2.462	63	2.462
64	2.501	64	2.501
65	2.540	65	2.540
66	2.579	66	2.579
67	2.618	67	2.618
68	2.657	68	2.657
69	2.696	69	2.696
70	2.735	70	2.735
71	2.774	71	2.774
72	2.813	72	2.813
73	2.852	73	2.852
74	2.891	74	2.891
75	2.930	75	2.930
76	2.969	76	2.969
77	3.008	77	3.008
78	3.047	78	3.047
79	3.086	79	3.086
80	3.125	80	3.125
81	3.164	81	3.164
82	3.203	82	3.203
83	3.242	83	3.242
84	3.281	84	3.281
85	3.320	85	3.320
86	3.359	86	3.359
87	3.398	87	3.398
88	3.437	88	3.437
89	3.476	89	3.476
90	3.515	90	3.515
91	3.554	91	3.554
92	3.593	92	3.593
93	3.632	93	3.632
94	3.671	94	3.671
95	3.710	95	3.710
96	3.749	96	3.749
97	3.788	97	3.788
98	3.827	98	3.827
99	3.866	99	3.866
100	3.905	100	3.905

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 25th day of March, 1977

2



CONVEYANCE MADE ACCORDING TO THE ACTS OF PARLIAMENT IN THIS BEING THE 25th DAY OF MARCH 1977

FEET INCHES	METRES
1 1/8	0.157
1 1/4	0.305
1 1/2	0.457
1 3/4	0.610
2	0.762
2 1/4	0.914
2 1/2	1.067
2 3/4	1.219
3	1.372
3 1/4	1.524
3 1/2	1.676
3 3/4	1.829
4	1.981
4 1/4	2.134
4 1/2	2.286
4 3/4	2.438
5	2.591
5 1/4	2.743
5 1/2	2.895
5 3/4	3.048
6	3.200
6 1/4	3.352
6 1/2	3.505
6 3/4	3.657
7	3.810
7 1/4	3.962
7 1/2	4.114
7 3/4	4.267
8	4.419
8 1/4	4.571
8 1/2	4.724
8 3/4	4.876
9	5.028
9 1/4	5.181
9 1/2	5.333
9 3/4	5.485
10	5.638
10 1/4	5.790
10 1/2	5.942
10 3/4	6.095
11	6.247
11 1/4	6.400
11 1/2	6.552
11 3/4	6.704
12	6.857
12 1/4	7.009
12 1/2	7.161
12 3/4	7.314
13	7.466
13 1/4	7.618
13 1/2	7.771
13 3/4	7.923
14	8.075
14 1/4	8.228
14 1/2	8.380
14 3/4	8.532
15	8.685
15 1/4	8.837
15 1/2	8.989
15 3/4	9.142
16	9.294
16 1/4	9.446
16 1/2	9.599
16 3/4	9.751
17	9.903
17 1/4	10.056
17 1/2	10.208
17 3/4	10.360
18	10.513
18 1/4	10.665
18 1/2	10.817
18 3/4	10.970
19	11.122
19 1/4	11.274
19 1/2	11.427
19 3/4	11.579
20	11.731
20 1/4	11.884
20 1/2	12.036
20 3/4	12.188
21	12.341
21 1/4	12.493
21 1/2	12.645
21 3/4	12.798
22	12.950
22 1/4	13.102
22 1/2	13.255
22 3/4	13.407
23	13.559
23 1/4	13.712
23 1/2	13.864
23 3/4	14.016
24	14.169
24 1/4	14.321
24 1/2	14.473
24 3/4	14.626
25	14.778
25 1/4	14.930
25 1/2	15.083
25 3/4	15.235
26	15.387
26 1/4	15.540
26 1/2	15.692
26 3/4	15.844
27	15.997
27 1/4	16.149
27 1/2	16.301
27 3/4	16.454
28	16.606
28 1/4	16.758
28 1/2	16.911
28 3/4	17.063
29	17.215
29 1/4	17.368
29 1/2	17.520
29 3/4	17.672
30	17.825
30 1/4	17.977
30 1/2	18.129
30 3/4	18.282
31	18.434
31 1/4	18.586
31 1/2	18.739
31 3/4	18.891
32	19.043
32 1/4	19.196
32 1/2	19.348
32 3/4	19.500
33	19.653
33 1/4	19.805
33 1/2	19.957
33 3/4	20.110
34	20.262
34 1/4	20.414
34 1/2	20.567
34 3/4	20.719
35	20.871
35 1/4	21.024
35 1/2	21.176
35 3/4	21.328
36	21.481
36 1/4	21.633
36 1/2	21.785
36 3/4	21.938
37	22.090
37 1/4	22.242
37 1/2	22.395
37 3/4	22.547
38	22.699
38 1/4	22.852
38 1/2	23.004
38 3/4	23.156
39	23.309
39 1/4	23.461
39 1/2	23.613
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40 1/4	24.070
40 1/2	24.223
40 3/4	24.375
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41 1/4	24.680
41 1/2	24.832
41 3/4	24.984
42	25.137
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42 1/2	25.441
42 3/4	25.594
43	25.746
43 1/4	25.898
43 1/2	26.051
43 3/4	26.203
44	26.355
44 1/4	26.508
44 1/2	26.660
44 3/4	26.812
45	26.965
45 1/4	27.117
45 1/2	27.269
45 3/4	27.422
46	27.574
46 1/4	27.726
46 1/2	27.879
46 3/4	28.031
47	28.183
47 1/4	28.336
47 1/2	28.488
47 3/4	28.640
48	28.793
48 1/4	28.945
48 1/2	29.097
48 3/4	29.250
49	29.402
49 1/4	29.554
49 1/2	29.707
49 3/4	29.859
50	30.011
50 1/4	30.164
50 1/2	30.316
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51 1/4	30.773
51 1/2	30.925
51 3/4	31.078
52	31.230
52 1/4	31.382
52 1/2	31.535
52 3/4	31.687
53	31.839
53 1/4	31.992
53 1/2	32.144
53 3/4	32.296
54	32.449
54 1/4	32.601
54 1/2	32.753
54 3/4	32.906
55	33.058
55 1/4	33.210
55 1/2	33.363
55 3/4	33.515
56	33.667
56 1/4	33.820
56 1/2	33.972
56 3/4	34.124
57	34.277
57 1/4	34.429
57 1/2	34.581
57 3/4	34.734
58	34.886
58 1/4	35.038
58 1/2	35.191
58 3/4	35.343
59	35.495
59 1/4	35.648
59 1/2	35.800
59 3/4	35.952
60	36.105
60 1/4	36.257
60 1/2	36.409
60 3/4	36.562
61	36.714
61 1/4	36.866
61 1/2	37.019
61 3/4	37.171
62	37.323
62 1/4	37.476
62 1/2	37.628
62 3/4	37.780
63	37.933
63 1/4	38.085
63 1/2	38.237
63 3/4	38.390
64	38.542
64 1/4	38.694
64 1/2	38.847
64 3/4	38.999
65	39.151
65 1/4	39.304
65 1/2	39.456
65 3/4	39.608
66	39.761
66 1/4	39.913
66 1/2	40.065
66 3/4	40.218
67	40.370
67 1/4	40.522
67 1/2	40.675
67 3/4	40.827
68	40.979
68 1/4	41.132
68 1/2	41.284
68 3/4	41.436
69	41.589
69 1/4	41.741
69 1/2	41.893
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70 1/2	42.503
70 3/4	42.655
71	42.807
71 1/4	42.960
71 1/2	43.112
71 3/4	43.264
72	43.417
72 1/4	43.569
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72 3/4	43.874
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73 1/4	44.178
73 1/2	44.331
73 3/4	44.483
74	44.635
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74 1/2	44.940
74 3/4	45.092
75	45.245
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75 1/2	45.549
75 3/4	45.702
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76 3/4	46.311
77	46.463
77 1/4	46.616
77 1/2	46.768
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78 1/2	47.377
78 3/4	47.530
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81	48.901
81 1/4	49.053
81 1/2	49.205
81 3/4	49.358
82	49.510
82 1/4	49.662
82 1/2	49.815
82 3/4	49.967
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83 1/4	50.272
83 1/2	50.424
83 3/4	50.576
84	50.729
84 1/4	50.881
84 1/2	51.033
84 3/4	51.186
85	51.338
85 1/4	51.490
85 1/2	51.643
85 3/4	51.795
86	51.947
86 1/4	52.100
86 1/2	52.252
86 3/4	52.404
87	52.557
87 1/4	52.709
87 1/2	52.861
87 3/4	53.014
88	53.166
88 1/4	53.318
88 1/2	53.471
88 3/4	53.623
89	53.775
89 1/4	53.928
89 1/2	54.080
89 3/4	54.232
90	54.385
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90 1/2	54.689
90 3/4	54.842
91	54.994
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91 1/2	55.299
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92 1/4	55.756
92 1/2	55.908
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93	56.213
93 1/4	56.365
93 1/2	56.517
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94	56.822
94 1/4	56.974
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95 1/2	57.736
95 3/4	57.888
96	58.041
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96 1/2	58.345
96 3/4	58.498
97	58.650
97 1/4	58.802
97 1/2	58.955
97 3/4	59.107
98	59.259
98 1/4	59.412
98 1/2	59.564
98 3/4	59.716
99	59.869
99 1/4	60.021
99 1/2	60.173
99 3/4	60.326
100	60.478

AC RD P SD R
- 2 13 1/2 2515
- 3 13 2516

3

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 25th day of March, 1977.

Reg:R259713 /Doc:DP 0209494 P /Rev:11-sep-1992 /Sts:OK /Egs:ATL /Prt:28-Aug-2017 10:07 /Seq:3 of 8

PLAN

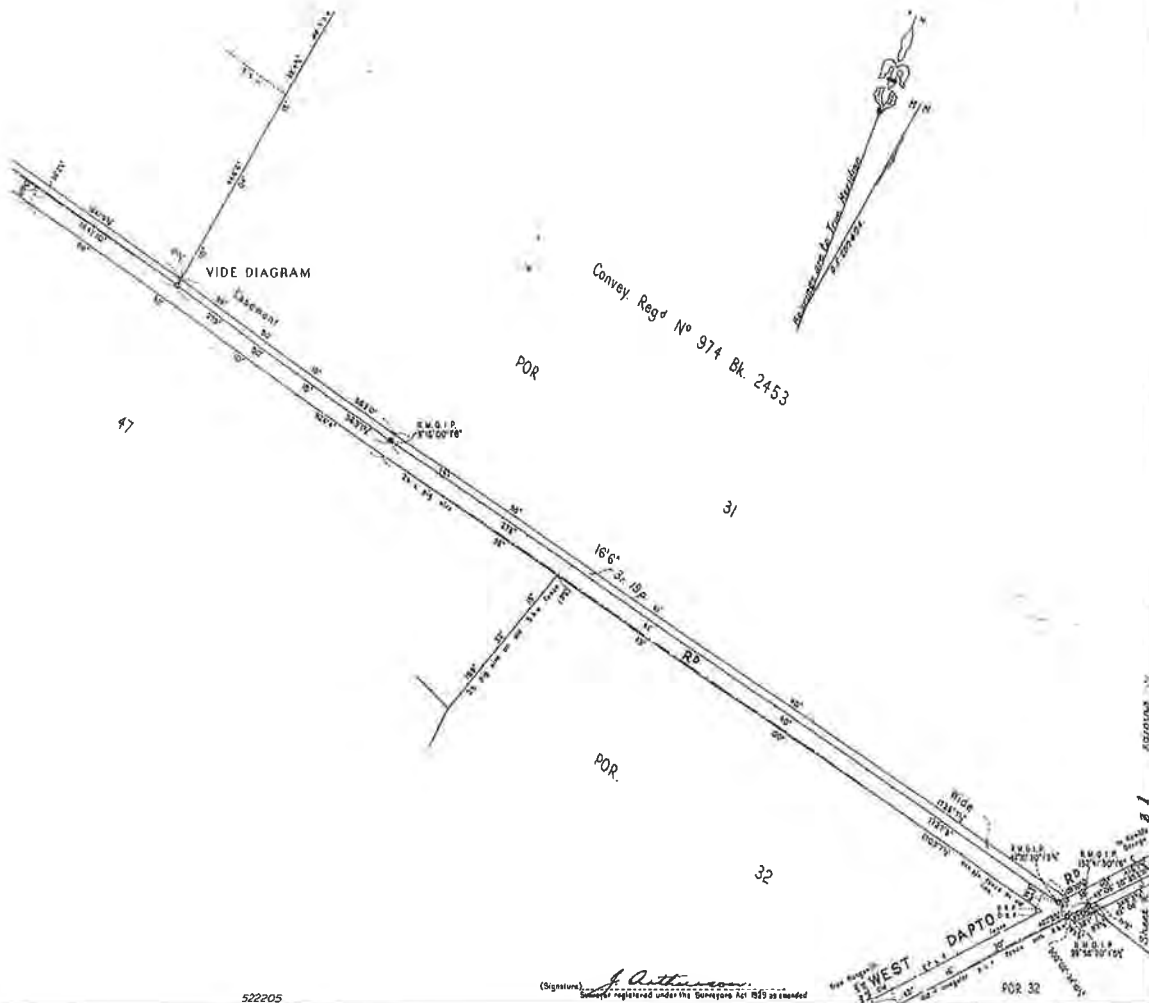
of Sites of Easements within Portions 31 and 188

-Parish of Kembla ~ County of Camden

Scale : 132 feet to an inch.

D. P. 203434

Q275427

[illegible]

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 25th day of March, 1977

PLAN

of sites of easements proposed to be acquired for Avon-Berkeley Watermain

-Parish of Kembla ~ County of Camden

Scale : 100 feet to an inch

POR. 41

POR.

Convey Regd No 343 Bk 1671

SHEET 4 & 5 ADJOINS

SHEET 133HS

50 SHEAFFE

POR.

43

Azimuth: 172°

522206

 CONVERSION TABLE ADDED IN
REGISTRAR GENERAL'S DEPARTMENT

[illegible]

I, Bruce Richard Davies, Registrar General for New South Wales, certify that this negative is a photograph made as a permanent record of a document in my custody this 25th day of March, 1972.

Reg:R259713 /Doc:DP 0209494 P /Rev:11-Sep-1992 /Sts:OK-OK /Pgs:ATL /Prt:28-Aug-2017 10:07 /Seq:5 of 8
Ref:Kemb1a grange /Src:M

DP 209494

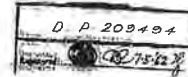
SHEET 1 OF 2
SHEETS

PLAN

of sites of easements proposed to be acquired for Avon-Berkeley Watermain

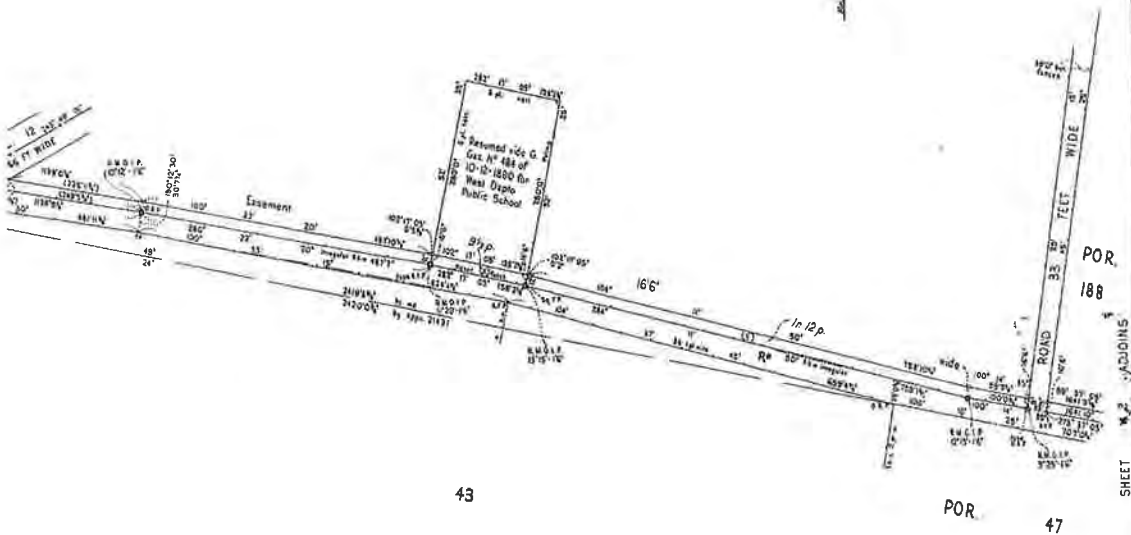
Parish of Kembla ~ County of Camden ~

Scale: 100 feet to an inch



Convey Regd No 343 Bk 1671

40



43

POR

47

(Signature) *J. Arthur*
Surveyor registered under the Surveyors Act 1925 as amended

522206

CONVERSION TABLE ADDED IN
REGISTER GENERAL'S DEPARTMENT
DP 209494 SH 3/4

FEET	INCHES	METRES
1	0	0.3048
2	0	0.6096
3	0	0.9144
4	0	1.2192
5	0	1.5240
6	0	1.8288
7	0	2.1336
8	0	2.4384
9	0	2.7432
10	0	3.0480
11	0	3.3528
12	0	3.6576
13	0	3.9624
14	0	4.2672
15	0	4.5720
16	0	4.8768
17	0	5.1816
18	0	5.4864
19	0	5.7912
20	0	6.0960
21	0	6.4008
22	0	6.7056
23	0	7.0104
24	0	7.3152
25	0	7.6200
26	0	7.9248
27	0	8.2296
28	0	8.5344
29	0	8.8392
30	0	9.1440
31	0	9.4488
32	0	9.7536
33	0	10.0584
34	0	10.3632
35	0	10.6680
36	0	10.9728
37	0	11.2776
38	0	11.5824
39	0	11.8872
40	0	12.1920
41	0	12.4968
42	0	12.8016
43	0	13.1064
44	0	13.4112
45	0	13.7160
46	0	14.0208
47	0	14.3256
48	0	14.6304
49	0	14.9352
50	0	15.2400
51	0	15.5448
52	0	15.8496
53	0	16.1544
54	0	16.4592
55	0	16.7640
56	0	17.0688
57	0	17.3736
58	0	17.6784
59	0	17.9832
60	0	18.2880
61	0	18.5928
62	0	18.8976
63	0	19.2024
64	0	19.5072
65	0	19.8120
66	0	20.1168
67	0	20.4216
68	0	20.7264
69	0	21.0312
70	0	21.3360
71	0	21.6408
72	0	21.9456
73	0	22.2504
74	0	22.5552
75	0	22.8600
76	0	23.1648
77	0	23.4696
78	0	23.7744
79	0	24.0792
80	0	24.3840
81	0	24.6888
82	0	24.9936
83	0	25.2984
84	0	25.6032
85	0	25.9080
86	0	26.2128
87	0	26.5176
88	0	26.8224
89	0	27.1272
90	0	27.4320
91	0	27.7368
92	0	28.0416
93	0	28.3464
94	0	28.6512
95	0	28.9560
96	0	29.2608
97	0	29.5656
98	0	29.8704
99	0	30.1752
100	0	30.4800
101	0	30.7848
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103	0	31.3944
104	0	31.6992
105	0	32.0040
106	0	32.3088
107	0	32.6136
108	0	32.9184
109	0	33.2232
110	0	33.5280
111	0	33.8328
112	0	34.1376
113	0	34.4424
114	0	34.7472
115	0	35.0520
116	0	35.3568
117	0	35.6616
118	0	35.9664
119	0	36.2712
120	0	36.5760
121	0	36.8808
122	0	37.1856
123	0	37.4904
124	0	37.7952
125	0	38.1000
126	0	38.4048
127	0	38.7096
128	0	39.0144
129	0	39.3192
130	0	39.6240
131	0	39.9288
132	0	40.2336
133	0	40.5384
134	0	40.8432
135	0	41.1480
136	0	41.4528
137	0	41.7576
138	0	42.0624
139	0	42.3672
140	0	42.6720
141	0	42.9768
142	0	43.2816
143	0	43.5864
144	0	43.8912
145	0	44.1960
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147	0	44.8056
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149	0	45.4152
150	0	45.7200
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152	0	46.3296
153	0	46.6344
154	0	46.9392
155	0	47.2440
156	0	47.5488
157	0	47.8536
158	0	48.1584
159	0	48.4632
160	0	48.7680
161	0	49.0728
162	0	49.3776
163	0	49.6824
164	0	49.9872
165	0	50.2920
166	0	50.5968
167	0	50.9016
168	0	51.2064
169	0	51.5112
170	0	51.8160
171	0	52.1208
172	0	52.4256
173	0	52.7304
174	0	53.0352
175	0	53.3400
176	0	53.6448
177	0	53.9496
178	0	54.2544
179	0	54.5592
180	0	54.8640
181	0	55.1688
182	0	55.4736
183	0	55.7784
184	0	56.0832
185	0	56.3880
186	0	56.6928
187	0	56.9976
188	0	57.3024
189	0	57.6072
190	0	57.9120
191	0	58.2168
192	0	58.5216
193	0	58.8264
194	0	59.1312
195	0	59.4360
196	0	59.7408
197	0	60.0456
198	0	60.3504
199	0	60.6552
200	0	60.9600
201	0	61.2648
202	0	61.5696
203	0	61.8744
204	0	62.1792
205	0	62.4840
206	0	62.7888
207	0	63.0936
208	0	63.3984
209	0	63.7032
210	0	64.0080
211	0	64.3128
212	0	64.6176
213	0	64.9224
214	0	65.2272
215	0	65.5320
216	0	65.8368
217	0	66.1416
218	0	66.4464
219	0	66.7512
220	0	67.0560
221	0	67.3608
222	0	67.6656
223	0	67.9704
224	0	68.2752
225	0	68.5800
226	0	68.8848
227	0	69.1896
228	0	69.4944
229	0	69.7992
230	0	70.1040
231	0	70.4088
232	0	70.7136
233	0	71.0184
234	0	71.3232
235	0	71.6280
236	0	71.9328
237	0	72.2376
238	0	72.5424
239	0	72.8472
240	0	73.1520
241	0	73.4568
242	0	73.7616
243	0	74.0664
244	0	74.3712
245	0	74.6760
246	0	74.9808
247	0	75.2856
248	0	75.5904
249	0	75.8952
250	0	76.2000
251	0	76.5048
252	0	76.8096
253	0	77.1144
254	0	77.4192
255	0	77.7240
256	0	78.0288
257	0	78.3336
258	0	78.6384
259	0	78.9432
260	0	79.2480
261	0	79.5528
262	0	79.8576
263	0	80.1624
264	0	80.4672
265	0	80.7720
266	0	81.0768
267	0	81.3816
268	0	81.6864
269	0	81.9912
270	0	82.2960
271	0	82.6008
272	0	82.9056
273	0	83.2104
274	0	83.5152
275	0	83.8200
276	0	84.1248
277	0	84.4296
278	0	84.7344
279	0	85.0392
280	0	85.3440
281	0	85.6488
282	0	85.9536
283	0	86.2584
284	0	86.5632
285	0	86.8680
286	0	87.1728
287	0	87.4776
288	0	87.7824
289	0	88.0872
290	0	88.3920
291	0	88.6968
292	0	89.0016
293	0	89.3064
294	0	89.6112
295	0	89.9160
296	0	90.2208
297	0	90.5256
298	0	90.8304
299	0	91.1352
300	0	91.4400
301	0	91.7448
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303	0	92.3544
304	0	92.6592
305	0	92.9640
306	0	93.2688
307	0	93.5736
308	0	93.8784
309	0	94.1832
310	0	94.4880
311	0	94.7928
312	0	95.0976
313	0	95.4024
314	0	95.7072
315	0	96.0120
316	0	96.3168
317	0	96.6216
318	0	96.9264
319	0	97.2312
320	0	97.5360
321	0	97.8408
322	0	98.1456
323	0	98.4504
324	0	98.7552
325	0	99.0600
326	0	99.3648
327	0	99.6696
328	0	99.9744
329	0	100.2792
330	0	100.5840
331	0	100.8888
332	0	101.1936
333	0	101.4984
334	0	101.8032
335	0	102.1080
336	0	102.4128
337	0	102.7176
338	0	103.0224
339	0	103.3272
340	0	103.6320
341	0	103.9368
342	0	104.2416
343	0	104.5464
344	0	104.8512
345	0	105.1560
346	0	105.4608
347	0	105.7656
348	0	106.0704
349	0	106.3752
350	0	106.6800
351	0	106.9848
352	0	107.2896
353	0	107.5944
354	0	107.8992
355	0	108.2040
356	0	108.5088
357	0	108.8136
358	0	109.1184
359	0	109.4232
360	0	109.7280
361	0	110.0328
362	0	110.3376
363	0	110.6424

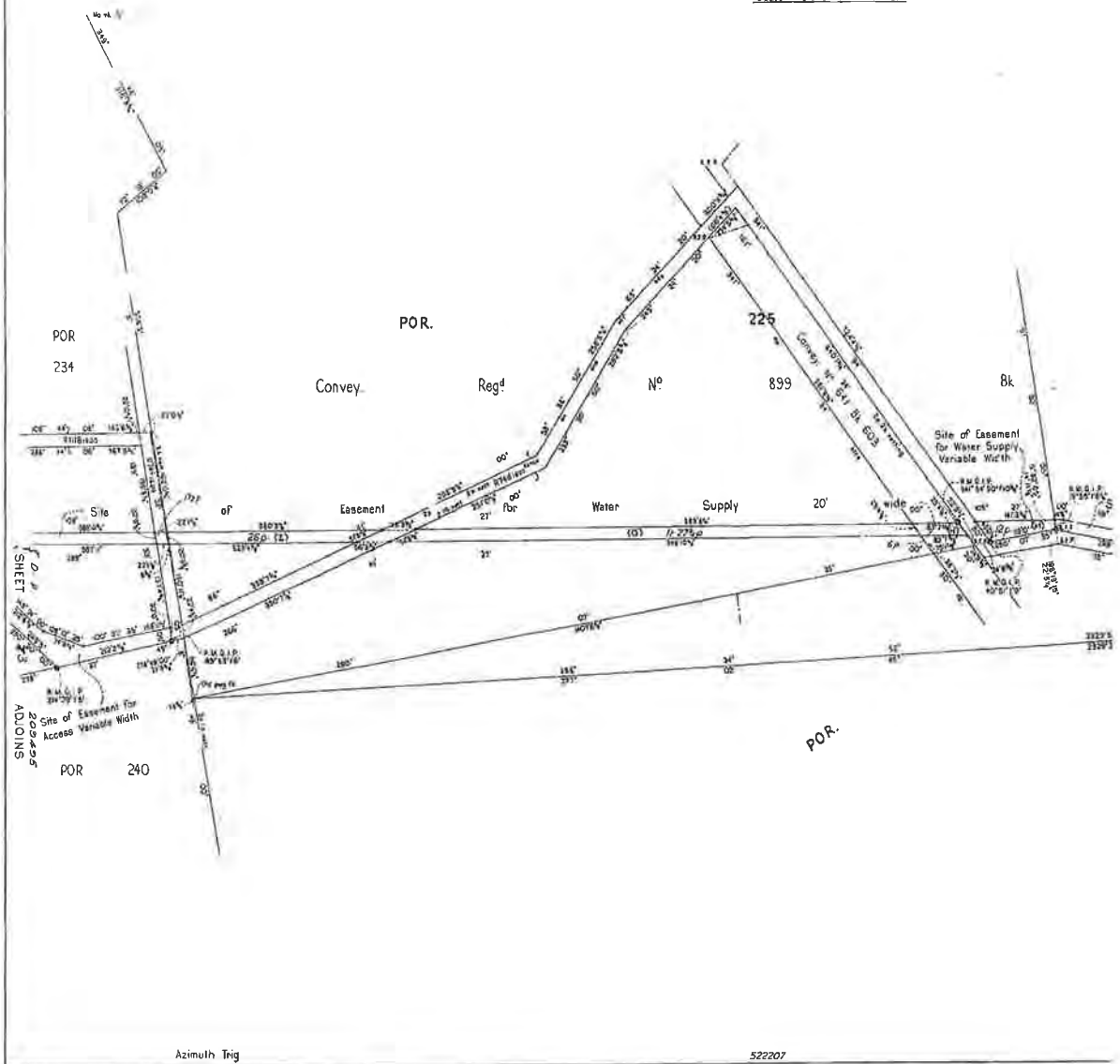
City of Greater Wollongong

PLAN

of Site of Easements in Portions 41 and 225

Parish of Kembla County of Camden

Scale: 100 feet to an inch.



CONVEYANCE TABLE ADDED IN
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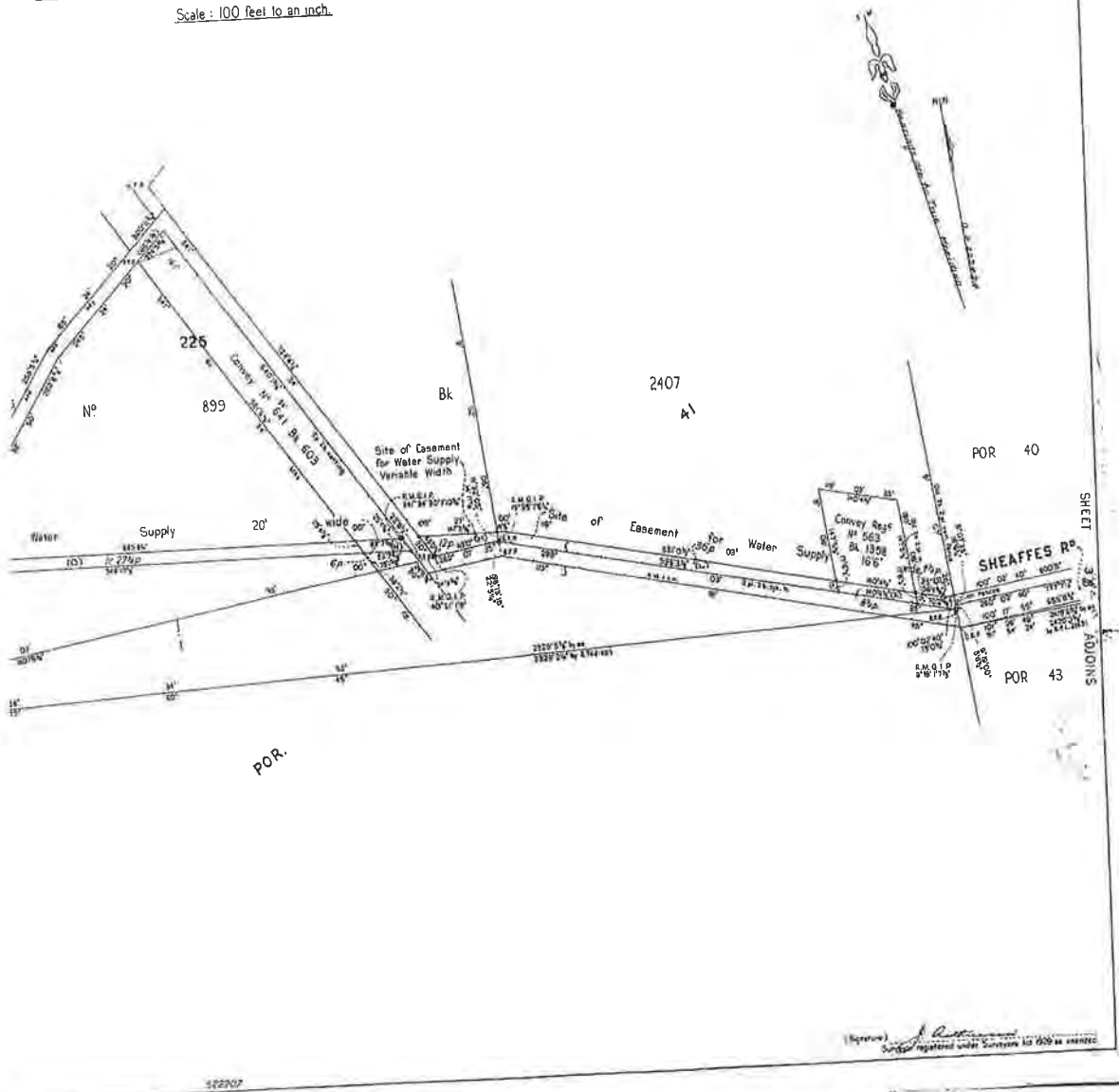
FEET INCHES	METRES
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1 1/4	0.3658
1 1/2	0.4267
1 3/4	0.4877
2 0	0.6096
2 1/4	0.6603
2 1/2	0.7620
2 3/4	0.8637
3 0	0.9144
3 1/4	1.0161
3 1/2	1.1178
3 3/4	1.2195
4 0	1.2203
4 1/4	1.3220
4 1/2	1.4237
4 3/4	1.5254
5 0	1.5262
5 1/4	1.6279
5 1/2	1.7296
5 3/4	1.8313
6 0	1.8321
6 1/4	1.9338
6 1/2	2.0355
6 3/4	2.1372
7 0	2.1380
7 1/4	2.2397
7 1/2	2.3414
7 3/4	2.4431
8 0	2.4439
8 1/4	2.5456
8 1/2	2.6473
8 3/4	2.7490
9 0	2.7498
9 1/4	2.8515
9 1/2	2.9532
9 3/4	3.0549
10 0	3.0557
10 1/4	3.1574
10 1/2	3.2591
10 3/4	3.3608
11 0	3.3616
11 1/4	3.4633
11 1/2	3.5650
11 3/4	3.6667
12 0	3.6675
12 1/4	3.7692
12 1/2	3.8709
12 3/4	3.9726
13 0	3.9734
13 1/4	4.0751
13 1/2	4.1768
13 3/4	4.2785
14 0	4.2793
14 1/4	4.3810
14 1/2	4.4827
14 3/4	4.5844
15 0	4.5852
15 1/4	4.6869
15 1/2	4.7886
15 3/4	4.8903
16 0	4.8911
16 1/4	4.9928
16 1/2	5.0945
16 3/4	5.1962
17 0	5.1970
17 1/4	5.2987
17 1/2	5.4004
17 3/4	5.5021
18 0	5.5029
18 1/4	5.6046
18 1/2	5.7063
18 3/4	5.8080
19 0	5.8088
19 1/4	5.9105
19 1/2	6.0122
19 3/4	6.1139
20 0	6.1147
20 1/4	6.2164
20 1/2	6.3181
20 3/4	6.4198
21 0	6.4206
21 1/4	6.5223
21 1/2	6.6240
21 3/4	6.7257
22 0	6.7265
22 1/4	6.8282
22 1/2	6.9299
22 3/4	7.0316
23 0	7.0324
23 1/4	7.1341
23 1/2	7.2358
23 3/4	7.3375
24 0	7.3383
24 1/4	7.4400
24 1/2	7.5417
24 3/4	7.6434
25 0	7.6442
25 1/4	7.7459
25 1/2	7.8476
25 3/4	7.9493
26 0	7.9501
26 1/4	8.0518
26 1/2	8.1535
26 3/4	8.2552
27 0	8.2560
27 1/4	8.3577
27 1/2	8.4594
27 3/4	8.5611
28 0	8.5619
28 1/4	8.6636
28 1/2	8.7653
28 3/4	8.8670
29 0	8.8678
29 1/4	8.9695
29 1/2	9.0712
29 3/4	9.1729
30 0	9.1737
30 1/4	9.2754
30 1/2	9.3771
30 3/4	9.4788
31 0	9.4796
31 1/4	9.5813
31 1/2	9.6830
31 3/4	9.7847
32 0	9.7855
32 1/4	9.8872
32 1/2	9.9889
32 3/4	10.0906
33 0	10.0914
33 1/4	10.1931
33 1/2	10.2948
33 3/4	10.3965
34 0	10.3973
34 1/4	10.4990
34 1/2	10.6007
34 3/4	10.7024
35 0	10.7032
35 1/4	10.8049
35 1/2	10.9066
35 3/4	11.0083
36 0	11.0091
36 1/4	11.1108
36 1/2	11.2125
36 3/4	11.3142
37 0	11.3150
37 1/4	11.4167
37 1/2	11.5184
37 3/4	11.6201
38 0	11.6209
38 1/4	11.7226
38 1/2	11.8243
38 3/4	11.9260
39 0	11.9268
39 1/4	12.0285
39 1/2	12.1302
39 3/4	12.2319
40 0	12.2327
40 1/4	12.3344
40 1/2	12.4361
40 3/4	12.5378
41 0	12.5386
41 1/4	12.6403
41 1/2	12.7420
41 3/4	12.8437
42 0	12.8445
42 1/4	12.9462
42 1/2	13.0479
42 3/4	13.1496
43 0	13.1504
43 1/4	13.2521
43 1/2	13.3538
43 3/4	13.4555
44 0	13.4563
44 1/4	13.5580
44 1/2	13.6597
44 3/4	13.7614
45 0	13.7622
45 1/4	13.8639
45 1/2	13.9656
45 3/4	14.0673
46 0	14.0681
46 1/4	14.1698
46 1/2	14.2715
46 3/4	14.3732
47 0	14.3740
47 1/4	14.4757
47 1/2	14.5774
47 3/4	14.6791
48 0	14.6799
48 1/4	14.7816
48 1/2	14.8833
48 3/4	14.9850
49 0	14.9858
49 1/4	15.0875
49 1/2	15.1892
49 3/4	15.2909
50 0	15.2917
50 1/4	15.3934
50 1/2	15.4951
50 3/4	15.5968
51 0	15.5976
51 1/4	15.6993
51 1/2	15.8010
51 3/4	15.9027
52 0	15.9035
52 1/4	16.0052
52 1/2	16.1069
52 3/4	16.2086
53 0	16.2094
53 1/4	16.3111
53 1/2	16.4128
53 3/4	16.5145
54 0	16.5153
54 1/4	16.6170
54 1/2	16.7187
54 3/4	16.8204
55 0	16.8212
55 1/4	16.9229
55 1/2	17.0246
55 3/4	17.1263
56 0	17.1271
56 1/4	17.2288
56 1/2	17.3305
56 3/4	17.4322
57 0	17.4330
57 1/4	17.5347
57 1/2	17.6364
57 3/4	17.7381
58 0	17.7389
58 1/4	17.8406
58 1/2	17.9423
58 3/4	18.0440
59 0	18.0448
59 1/4	18.1465
59 1/2	18.2482
59 3/4	18.3499
60 0	18.3507
60 1/4	18.4524
60 1/2	18.5541
60 3/4	18.6558
61 0	18.6566
61 1/4	18.7583
61 1/2	18.8600
61 3/4	18.9617
62 0	18.9625
62 1/4	19.0642
62 1/2	19.1659
62 3/4	19.2676
63 0	19.2684
63 1/4	19.3701
63 1/2	19.4718
63 3/4	19.5735
64 0	19.5743
64 1/4	19.6760
64 1/2	19.7777
64 3/4	19.8794
65 0	19.8802
65 1/4	19.9819
65 1/2	20.0836
65 3/4	20.1853
66 0	20.1861
66 1/4	20.2878
66 1/2	20.3895
66 3/4	20.4912
67 0	20.4920
67 1/4	20.5937
67 1/2	20.6954
67 3/4	20.7971
68 0	20.7979
68 1/4	20.8996
68 1/2	21.0013
68 3/4	21.1030
69 0	21.1038
69 1/4	21.2055
69 1/2	21.3072
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70 0	21.4097
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70 3/4	21.7148
71 0	21.7156
71 1/4	21.8173
71 1/2	21.9190
71 3/4	22.0207
72 0	22.0215
72 1/4	22.1232
72 1/2	22.2249
72 3/4	22.3266
73 0	22.3274
73 1/4	22.4291
73 1/2	22.5308
73 3/4	22.6325
74 0	22.6333
74 1/4	22.7350
74 1/2	22.8367
74 3/4	22.9384
75 0	22.9392
75 1/4	23.0409
75 1/2	23.1426
75 3/4	23.2443
76 0	23.2451
76 1/4	23.3468
76 1/2	23.4485
76 3/4	23.5502
77 0	23.5510
77 1/4	23.6527
77 1/2	23.7544
77 3/4	23.8561
78 0	23.8569
78 1/4	23.9586
78 1/2	24.0603
78 3/4	24.1620
79 0	24.1628
79 1/4	24.2645
79 1/2	24.3662
79 3/4	24.4679
80 0	24.4687
80 1/4	24.5704
80 1/2	24.6721
80 3/4	24.7738
81 0	24.7746
81 1/4	24.8763
81 1/2	24.9780
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82 0	25.0805
82 1/4	25.1822
82 1/2	25.2839
82 3/4	25.3856
83 0	25.3864
83 1/4	25.4881
83 1/2	25.5898
83 3/4	25.6915
84 0	25.6923
84 1/4	25.7940
84 1/2	25.8957
84 3/4	25.9974
85 0	25.9982
85 1/4	26.0999
85 1/2	26.2016
85 3/4	26.3033
86 0	26.3041
86 1/4	26.4058
86 1/2	26.5075
86 3/4	26.6092
87 0	26.6100
87 1/4	26.7117
87 1/2	26.8134
87 3/4	26.9151
88 0	26.9159
88 1/4	27.0176
88 1/2	27.1193
88 3/4	27.2210
89 0	27.2218
89 1/4	27.3235
89 1/2	27.4252
89 3/4	27.5269
90 0	27.5277
90 1/4	27.6294
90 1/2	27.7311
90 3/4	27.8328
91 0	27.8336
91 1/4	27.9353
91 1/2	28.0370
91 3/4	28.1387
92 0	28.1395
92 1/4	28.2412
92 1/2	28.3429
92 3/4	28.4446
93 0	28.4454
93 1/4	28.5471
93 1/2	28.6488
93 3/4	28.7505
94 0	28.7513
94 1/4	28.8530
94 1/2	28.9547
94 3/4	29.0564
95 0	29.0572
95 1/4	29.1589
95 1/2	29.2606
95 3/4	29.3623
96 0	29.3631
96 1/4	29.4648
96 1/2	29.5665
96 3/4	29.6682
97 0	29.6690
97 1/4	29.7707
97 1/2	29.8724
97 3/4	29.9741
98 0	29.9749
98 1/4	30.0766
98 1/2	30.1783
98 3/4	30.2800
99 0	30.2808
99 1/4	30.3825
99 1/2	30.4842
99 3/4	30.5859
100 0	30.5867

CONVEYANCE TABLE ADDED IN
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FEET INCHES	METRES
0 3/4	0.1875
1 0	0.3048
1 1/4	0.3658
1 1/2	0.4267
1 3/4	0.4877
2 0	0.6096
2 1/4	0.6603
2 1/2	0.7620
2 3/4	0.8637
3 0	0.9144
3 1/4	1.0161
3 1/2	1.1178
3 3/4	1.2195
4 0	1.2203
4 1/4	1.3220
4 1/2	1.4237
4 3/4	1.5254
5 0	1.5262
5 1/4	1.6279
5 1/2	1.7296
5 3/4	1.8313
6 0	1.8321
6 1/4	1.9338
6 1/2	2.0355
6 3/4	2.1372
7 0	2.1380
7 1/4	2.2397
7 1/2	2.3414
7 3/4	2.4431
8 0	2.4439
8 1/4	2.5456
8 1/2	2.6473
8 3/4	2.7490
9 0	2.7498
9 1/4	2.8515
9 1/2	2.9532
9 3/4	3.0549
10 0	3.0557
10 1/4	3.1574
10 1/2	3.2591
10 3/4	3.3608
11 0	3.3616
11 1/4	3.4633
11 1/2	3.5650
11 3/4	3.6667
12 0	3.6675
12 1/4	3.7692
12 1/2	3.8709
12 3/4	3.9726
13 0	3.9734
13 1/4	4.0751
13 1/2	4.1768
13 3/4	4.2785
14 0	4.2793
14 1/4	4.3810
14 1/2	4.4827
14 3/4	

of Site of Easements in Portions 41 and 225

--- Parish of Kembla County of Camden ---
Scale: 100 feet to an inch.



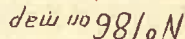
CONVERSION TABLE - DECID IN		CONVERSION TABLE - DECID IN	
OF SQUARE IN 1/4		OF SQUARE IN 1/4	
FEET METERS		FEET METERS	
1	0 5/8	1	0 5/8
2	1 1/8	2	1 1/8
3	1 3/4	3	1 3/4
4	1 5/8	4	1 5/8
5	1 7/8	5	1 7/8
6	2 0	6	2 0
7	2 1/8	7	2 1/8
8	2 1/4	8	2 1/4
9	2 3/8	9	2 3/8
10	2 1/2	10	2 1/2
11	2 5/8	11	2 5/8
12	2 3/4	12	2 3/4
13	2 7/8	13	2 7/8
14	3 0	14	3 0
15	3 1/8	15	3 1/8
16	3 1/4	16	3 1/4
17	3 3/8	17	3 3/8
18	3 1/2	18	3 1/2
19	3 5/8	19	3 5/8
20	3 3/4	20	3 3/4
21	3 7/8	21	3 7/8
22	4 0	22	4 0
23	4 1/8	23	4 1/8
24	4 1/4	24	4 1/4
25	4 3/8	25	4 3/8
26	4 1/2	26	4 1/2
27	4 5/8	27	4 5/8
28	4 3/4	28	4 3/4
29	4 7/8	29	4 7/8
30	5 0	30	5 0
31	5 1/8	31	5 1/8
32	5 1/4	32	5 1/4
33	5 3/8	33	5 3/8
34	5 1/2	34	5 1/2
35	5 5/8	35	5 5/8
36	5 3/4	36	5 3/4
37	5 7/8	37	5 7/8
38	6 0	38	6 0
39	6 1/8	39	6 1/8
40	6 1/4	40	6 1/4
41	6 3/8	41	6 3/8
42	6 1/2	42	6 1/2
43	6 5/8	43	6 5/8
44	6 3/4	44	6 3/4
45	6 7/8	45	6 7/8
46	7 0	46	7 0
47	7 1/8	47	7 1/8
48	7 1/4	48	7 1/4
49	7 3/8	49	7 3/8
50	7 1/2	50	7 1/2
51	7 5/8	51	7 5/8
52	7 3/4	52	7 3/4
53	7 7/8	53	7 7/8
54	8 0	54	8 0
55	8 1/8	55	8 1/8
56	8 1/4	56	8 1/4
57	8 3/8	57	8 3/8
58	8 1/2	58	8 1/2
59	8 5/8	59	8 5/8
60	8 3/4	60	8 3/4
61	8 7/8	61	8 7/8
62	9 0	62	9 0
63	9 1/8	63	9 1/8
64	9 1/4	64	9 1/4
65	9 3/8	65	9 3/8
66	9 1/2	66	9 1/2
67	9 5/8	67	9 5/8
68	9 3/4	68	9 3/4
69	9 7/8	69	9 7/8
70	10 0	70	10 0
71	10 1/8	71	10 1/8
72	10 1/4	72	10 1/4
73	10 3/8	73	10 3/8
74	10 1/2	74	10 1/2
75	10 5/8	75	10 5/8
76	10 3/4	76	10 3/4
77	10 7/8	77	10 7/8
78	11 0	78	11 0
79	11 1/8	79	11 1/8
80	11 1/4	80	11 1/4
81	11 3/8	81	11 3/8
82	11 1/2	82	11 1/2
83	11 5/8	83	11 5/8
84	11 3/4	84	11 3/4
85	11 7/8	85	11 7/8
86	12 0	86	12 0
87	12 1/8	87	12 1/8
88	12 1/4	88	12 1/4
89	12 3/8	89	

CONVERSION TABLE ADDED BY REGISTERAL GENERAL'S DEPARTMENT			
DP 30999 IN 1/4" CONTO	FELT INCHES	METRIC	
1807	6 1/8	153.984	
1808	6 1/8	153.984	
2329	3 7/8	106.774	
2330	3 7/8	106.774	
2419	5 7/8	147.553	
2420	0 8/8	172.462	
AC RD P		50 M	
-	3 1/2	37.9	
-	4 1/4	107.5	
-	6	151.0	
-	0 1/2	213.5	
-	12	237.5	
-	5	126.5	
-	1 27 1/4	910.5	
-	1	170.5	

I, Bruce Richard Davies, Registrar General for the South Wales, that this negative is a photograph made of a particular record document in my custody this 25th day of March, 1964.



1000. 444. 112. 112.



181

Herbert

Printed by James Mitchell.

[illegible]

N^o 4.

Description of Corneus

1. Stake W. 20 to 40 ft. lat -
B. 200 8. 100 ft. 30 to 40 ft. lat
C. Stake
D. Package Street
E. Cellular
F. Stake -

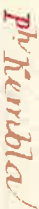
NO ADDITION

PLA

PLAN MICROFILMED

Secale rochatii = *S. darw.*

PLAN MICROFILMED



Homocaptilus lanceus

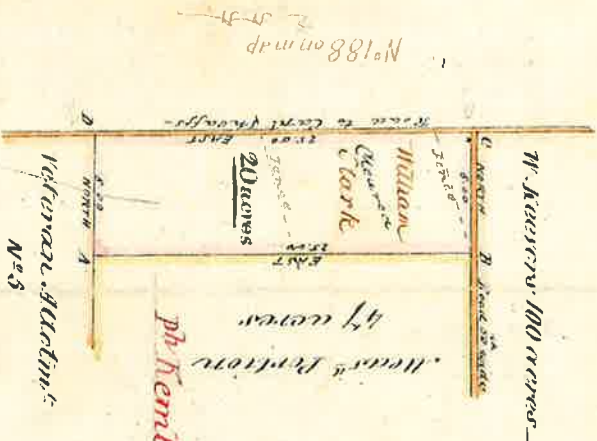
Place of birth soon ascertainable - Research
unsuccessful - ^{Research} Faculty of St. Andrews - appointed
for to purchase by William Clarke -
Acquaintance of latter's "Descent" of Commodore -
First of March

(Catching lot) under page 200 of
 Recd. in the Feb^r 1802 of 24 Nov^r 1800 1000000 Feb 1802
 for sale at an auction of 20 Nov^r 1802
 2000000 & 2000000 1802
 sold to William. Lear

On 11 March 1906 of the May 1848 stating that
he had written letters to leave the grounds and
placed them in a public room

About ten acres of this portion are
 cleared and sowed in - There are two
 good huts and stockyard attached -
 introduced by Kurors - The remainder
 is now uncultivated - Water is obtained
 from the $\frac{1}{2}$ of the area -

PLAN MICROFILMED

*Sialia mexicana* = 1 direct.

W. H. L. 100 v. 100

47 nerves.
Musculi Perforati.

Country lot (cont.)
-Purchased in the fore-
-noon at the upset price
20¢ 15¢ bid 15¢ 8
not sold on that day
-Ten lot Duns. lot. $\frac{25}{100}$ ¢
-William Clark of Sydney, N.S.
upset price of this land
to be sold.
-Mr. Duns. letter on 14 May 1845
that he has caused notices to be put in
the ground and placed there in possession

Account of the History of the Province of the Marquis de Pombal.

Two Birds

Plan, of twenty acres at Doyle-Park with
beverage
unimproved - County of Warrington -
app. sold for the purchase by the Mayor

Destruction of Corvairs

1-N. 15° E. 25^{1/2} ft. perpendicular.

23 — *esther* —

U. W. 20, 10000

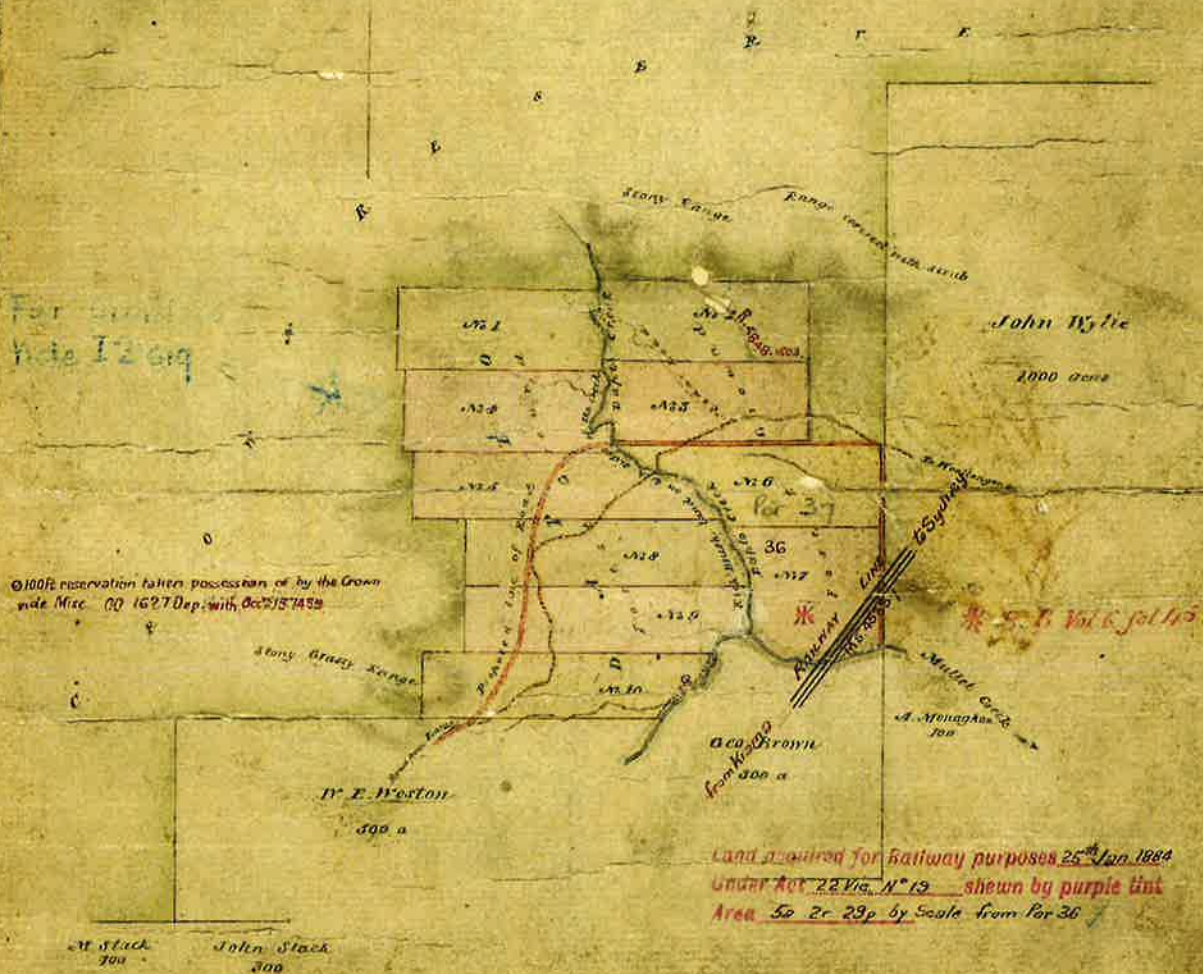
1) - Representation -

[illegible]

There are about five acres of this garden cleared
and fenced in - the soil of which is good -
The remaining is overgrown - water is
scarce - Value £1. 10. none -

AI
NID I.4. 619

Plan of Ten Allotments for Veteran Soldiers
at DAPTO on the Crown Reserve to
the Westward of Woolhoughong in the
District of ILLAWARRA



Knapp's P. R. Vol. 2 p. 179

Dec 10 86
See I 2 619

AI
NID I.4. 619

AD 10000 No 13 153

L. J. H. Knapp
P. R. Vol. 2 p. 179

THE Companies Act, 1936 (Section 98).—SPECIAL RESOLUTION.—The Special Resolution set out hereunder was duly passed at an Extraordinary General Meeting of R. F. Mounier & Co. Pty. Limited held at the office of Messrs. C. E. Foxall & Company, 117 Pitt-street, Sydney, on the 7th day of November, 1951. **SPECIAL RESOLUTION.**—"That the Company be wound up voluntarily and that Mr. G. W. Tyson be appointed Liquidator for the purpose of such winding-up."—Dated at Sydney, this 7th day of November, 1951. M. WAKFER, Chairman of the Meeting and a Director of the Company.

3109—18s.

NEW SOUTH WALES CREMATION CO. LTD.—LOST SHARE CERTIFICATE.—Application has been made to the Directors of the New South Wales Cremation Co. Limited to issue duplicate share certificate in respect of 40 ordinary shares in the Company, numbered 27118-27157, standing in the name of the estate of the late Harry Hodgson. Upon the statement that the original Certificate No. 514 has been lost, notice is hereby given that, if within twenty-one days from the date of publication hereof, no claim or representation in respect of the original certificate is made to the Directors, it is their intention to issue duplicate thereof.—Dated this sixteenth day of November, one thousand nine hundred and fifty-one. A. E. DENT, Secretary.

3137—19s.

NEW SOUTH WALES CREMATION CO. LTD.—LOST SHARE CERTIFICATE.—Application has been made to the Directors of the New South Wales Cremation Co. Limited to issue duplicate share certificate in respect of 20 ordinary shares in the Company, numbered 19202-19221, standing in the name of the estate of the late Annie Connenen Dunhill. Upon the statement that the original Certificate No. 337 has been lost, notice is hereby given that, if within twenty-one days from the date of publication hereof, no claim or representation in respect of the original certificate is made to the Directors, it is their intention to issue duplicate thereof.—Dated this sixteenth day of November, one thousand nine hundred and fifty-one. A. E. DENT, Secretary.

3136—19s.

PRESIDENT CONSOLIDATED LIMITED.—LOST SHARE CERTIFICATES.—Application has been made to the above Company to issue new Certificates of Title to 300 5s. fully paid ordinary shares, No. 622097 to 622396, both inclusive, and to 200 5s. fully paid ordinary shares, No. 403182 to 403681, both inclusive, in lieu of original Certificates Nos. 3470 and 3477, issued in the name of Lily Emma Tonkin, of Sydney, New South Wales, and the said Lily Emma Tonkin has made a statutory declaration that the original Certificates of Title to the said shares have been lost. Notice is hereby given that unless within twenty-one days from date hereof there is made to the Company some claim or representation in respect of the said original certificates, new certificates will be issued in place thereof.—Dated this fourteenth day of November, 1951. J. K. WILLS, Secretary.

3129—£1 3s.

IN the matter of the Companies Act, 1936, and in the matter of TITAN GUT CO. PTY. LIMITED (IN VOLUNTARY LIQUIDATION).—NOTICE TO CREDITORS.—The creditors of the abovesaid Company are required, on or before the 22nd December, 1951, to send their names and addresses, and the particulars of their debts or claims, and the names and addresses of their solicitors, if any, to R. O. Cummings and A. H. Castelow, 50, Halstead-street, South Hurstville, the Voluntary Liquidators of the said Company, and if so required by notices in writing from the said Liquidators, are by their solicitors or otherwise to come in and prove their said debts or claims at such time and place as shall be specified in such notice, or in default thereof they will be excluded from the benefit of any distribution made before such debts or claims are proved.—Dated this 8th day of November, 1951. R. O. CUMMINGS, A. H. CASTELOW, Liquidators.

3072—£1 7s.

TOOTH & CO. LIMITED.—Application having been made to the abovesaid Company to issue a fresh share certificate in lieu of Certificate No. 83515 for 110 shares, consecutive numbers 4140472 to 4140581, declared to have been lost, notice is hereby given that it is the intention of Tooth & Co. Limited, after twenty-one days from the publication hereof, to issue fresh scrip for 110 shares in Tooth & Co. Limited, consecutive numbers as above, in the name of Donald George Mackay. C. G. KILPATRICK, Secretary, Kent Brewery, Sydney. Dated 15th November, 1951.

3093—16s.

WESTCOTT HAZELL ENGINEERING & STEEL LTD.—LOST SHARE CERTIFICATE.—Application having been made to the Directors of this Company to issue to Charles Trebock, of Winchcombe Carson Ltd., Box 1026 BB, G.P.O., Sydney, in the State of New South Wales, the registered holder, one duplicate share certificate in respect of two hundred (200) ordinary shares in the Company, numbered 194626 to 194825 inclusive, upon the statement that the original Certificate No. 3095 has been lost, notice is hereby given that if within 21 days from the date of publication hereof no claim or representation in respect of the original certificate is made to the Directors, it is their intention to issue a duplicate thereof.—Dated this 16th day of November, 1951. R. L. BOOTH, Secretary, 252 Castlereagh-street, Sydney.

3120—£1 6s.

BATHURST CITY COUNCIL.—PROPOSED SPECIAL LOAN.—The Bathurst City Council hereby notifies, in pursuance of section 181 of the Local Government Act, 1919, that:—(1) The Council proposes to raise a special loan of seven thousand pounds (£7,000) for the purposes of building lock-up shops at corner Russell and Bentinck streets, Bathurst. (2) The rate of interest will not exceed 4½%, and securities will be issued at par. (3) It is proposed to repay the loan over a period of thirty years by 60 equal half-yearly instalments of principal and interest combined, each amounting to £204 8s. 9d. (4) For the purposes of meeting the instalments referred to in paragraph (3), the law requires that unless in circumstances provided for, the Council obtains permission to refrain from levying a loan rate or to levy a reduced loan rate, the Council shall levy a loan rate sufficient to provide the full amount of such instalments. The amount of the loan rate, if levied, which Council considers will be sufficient for the purpose is 0.1d. in the £ if levied on the unimproved capital value (£1,047,022), estimated to yield £430, or .023d. in the £ if levied on the improved capital value (£4,319,855), estimated to yield £413, of all rateable land in the Municipality. (5) Council, however, proposes to pay the instalments from the General Fund, and to apply, according to law, for permission to refrain from levying the loan rate. (6) Further particulars of the loan may be obtained at the Council office during ordinary office hours. (7) Within one month from publication of this notice, any number, not less than 25%, of the ratepayers enrolled may petition the Council to take a poll of ratepayers on the questions (a) whether the ratepayers approve of the loan; (b) whether the loan rate shall be levied on the unimproved capital value or the improved capital value; (c) on both questions. Unless otherwise decided by poll the Council proposes to levy the loan rate, if necessary, on the unimproved capital value. The number of ratepayers concerned is 1,878. A. L. MORSE, Mayor. K. M. FORRESTER, Town Clerk, Council Chambers, Bathurst, 7th November, 1951.

3082—£2 14s.

NOTICE OF RESUMPTION OF LAND BY GREATER WOLLONGONG CITY COUNCIL (LOCAL GOVERNMENT ACT, 1919—PART XXV).—WHEREAS on the fifteenth day of August, one thousand nine hundred and fifty-one, the Greater Wollongong City Council (hereinafter called "the Council") resolved, in pursuance of the Local Government Act, 1919, to resume the land described in the Schedule hereto for the purpose of establishing a sanitary depot for the disposal of nightsoil and for the cleansing of pans, and whereas the Council further resolved to make an application for the approval of the Governor to cause a notice of the resumption of such land, together with a description of such land to be published in the Gazette and in a newspaper circulating in the area in which such land is located, and whereas on the tenth day of October, one thousand nine hundred and fifty-one, upon the application of the Council, His Excellency the Lieutenant-Governor, with the advice of the Executive Council, approved of a notice of the resumption of the land described in the said Schedule for such purpose, together with a description of such land, to be published in the New South Wales Government Gazette and a newspaper circulating in the area in which the land is located: Now, therefore, the Council, with the advice of His Excellency the Lieutenant-Governor, with the advice of the Executive Council as aforesaid, doth hereby give notice that the land described in the Schedule hereto is hereby resumed by the Council under the provisions of the Local Government Act, 1919, aforesaid, and the Council doth hereby also give notice that a plan of such land has been deposited with the Town Clerk at the Council Chambers, Wollongong, and with the Surveyor-General at the Department of Lands, Sydney, which plans are open for public inspection; and the Council doth hereby also give notice that upon the publication of this notice and the description in the Schedule hereto the land therein described becomes for the purposes and subject to the provisions of the said Act vested in the Council for an estate in fee-simple in possession freed and discharged from all trusts, obligations, estates, interests, contracts, charges, rates, rights-of-way or easements whatsoever. In witness whereof the Common Seal of the Greater Wollongong City Council has been hereunto affixed this fifteenth day of November, one thousand nine hundred and

fifty-one, in accordance with a resolution of the Council passed on the fourteenth day of November, one thousand nine hundred and fifty-one. The Common Seal of the Greater Wollongong City Council was hereunto affixed by me, WILLIAM HENRY MITCHELL, Clerk of the Greater Wollongong City Council, this fifteenth day of November, one thousand nine hundred and fifty-one. (Seal.) J. J. KELLY, Mayor. W. H. MITCHELL, Clerk. THE SCHEDULE.—All that piece or parcel of land situate in the City of Greater Wollongong, parish of Kembla, and county of Camden, being portion 186, having an area of 42 acres or thereabouts, and said to be in the possession of Beryl Evelyn Harshaw. 3083—£3 10s. 6d.

MUNICIPALITY OF CANTERBURY.—The Council of the Municipality of Canterbury hereby notifies, in pursuance of the provisions of section 181 of the Local Government Act, 1919, that:—(1) The Council proposes to raise a special loan of twenty thousand pounds (£20,000) for the purpose of constructing concrete road pavement and kerb and gutter in Kingsgrove-road. (2) The rate of interest on the proposed loan will not exceed four and one-eighth (4 $\frac{1}{8}$ 2s. 6d.) per centum, and the securities will be issued at par. (3) It is proposed to repay the loan over a period of ten (10) years by twenty (20) equal consecutive half-yearly instalments of principal and interest combined, each amounting to £1,230 10s. 6d. (4) For the purpose of meeting the instalments referred to in paragraph (3) the law requires that, unless in circumstances provided for, the Council obtains permission to refrain from levying a loan rate or to levy a reduced loan rate, the Council shall levy a loan rate sufficient to provide the full amount of such instalments. The amount of the loan rate, if levied, which the Council considers will be sufficient for this purpose is 0.753d. in the £ if levied on the U.C.V. (£7,840,047), estimated to yield £2,461 1s. or 0.179d. in the £ on the L.C.V. (£12,953,322), estimated to yield £2,461 1s., of all rateable land in the Municipality. (5) The Council, however, proposes to pay the instalments from the General Fund, and to apply, according to law, for permission to refrain from levying the loan rate. (6) Further particulars of the loan proposal may be inspected at the Council's office during ordinary office hours. H. R. THORNCRAFT, Mayor. S. H. LORTS, Town Clerk, Town Hall, Canterbury. 3091—£2 3s. 6d.

SOUTH GRAFTON MUNICIPAL COUNCIL.—PROPOSED SPECIAL LOAN, £2,500.—Amended Notice.—The South Grafton Municipal Council hereby notifies, in pursuance of the provisions of section 181 of the Local Government Act, 1919, that:—(1) The Council proposes to raise a special loan of £2,500 for the purpose of purchase of plant and acquisition of land for roads. (2) The rate of interest on the proposed loan will not exceed four and one-eighth (4 $\frac{1}{8}$) per centum per annum and the securities will be issued at par. (3) It is proposed to repay the loan over a period of eight (8) years by sixteen (16) equal half-yearly instalments of principal and interest combined each amounting to £185 6s. 9d. (4) For the purpose of meeting the instalments referred to in paragraph (3) the law requires that, unless in circumstances provided for the Council obtains permission to refrain from levying a loan rate, or to levy a reduced loan rate the Council shall levy a loan rate sufficient to provide the full amount of such instalments. The amount of the loan rate, if levied, which the Council considers will be sufficient for this purpose is one-third d. in the £ if levied on the unimproved capital value (£266,500), estimated to yield £370 2s. 9d., or one-fourteenth d. in the £ on the improved capital value (£1,289,000), estimated to yield £383 of all rateable land in the municipality. (5) Further particulars of the loan proposal may be inspected at the Council's office during ordinary office hours. (6) Within one month from the publication of this notice any number, not less than twenty-five per centum (25 per cent.) of the ratepayers enrolled, may petition the Council to take a poll of such ratepayers on the questions (a) whether the ratepayers approve of the loan, (b) whether the loan rate shall be levied on the unimproved capital value or on the improved capital value, or (c) on both questions; unless otherwise decided by poll, the Council proposes to levy the loan rate, if necessary, on the unimproved capital value. The number of ratepayers concerned is 857. W. E. CRISP, Mayor. C. J. BEESEFORD, Town Clerk. 3134—£2 11s.

APSLEY SHIRE COUNCIL.—CATTLE SLAUGHTERING INSPECTOR.—Constable Stanley Walter Wilken has been appointed Inspector under the Cattle Slaughtering and Diseased Animals and Meat Act for that portion of the Apsley Shire within the Walcha Road Police Patrol Area. By Order of the Council for the Shire of Apsley, C. PARSONS, Shire Clerk, Shire Office, Walcha, 13th November, 1951.

3142—10s. 6d.

GOOBANG SHIRE COUNCIL.—APPOINTMENT OF INSPECTOR UNDER THE CATTLE SLAUGHTERING AND DISEASED ANIMALS AND MEAT ACT, 1902.—Notice is hereby given that Sergeant 2nd Class John Thomas Marshall was appointed Inspector under section 4 of the aforementioned Act by resolution of the Council dated the 10th day of October, 1951, for that part of the Gooabang Shire within the Parkes Police Patrol. J. J. LIVINGSTON, Shire Clerk, Shire Office, Parkes, 16th November, 1951. 3132—12s.

FORM 1.—Ordinance No. 30.—Local Government Act, 1919.—SHIRE OF GOSFORD.—NAME OF ROAD.—Notice is hereby given that the Council proposes to apply for the approval of the Minister for Local Government to the naming of road now unnamed off The Crescent, Terrigal, d.p. 10,028. Proposed name—Barrington-road. Objections to the proposed name may be lodged with the Council by any elector of the area within one month after publication of this notice. Such objections will not be in order unless they give reasons. Authorised by resolution of the Council on the eighth day of November, 1951. N. G. HOWES, Shire Clerk, Council Chambers, Gosford, 9th November, 1951. 3097—18s.

GUNDURIMBA SHIRE COUNCIL.—It is hereby notified, in accordance with the provisions of section 121 of the Local Government Act, that the following area has been defined as the Gonnellabah Town Improvement District: Commencing at the north-western corner of portion 145, parish of Lismore, county of Ross, thence easterly along the centre line of State Highway No. 16 to a point opposite the south-western corner of portion 144; thence northerly along the western boundary of the said portion 144 for a distance of 250 yards, generally easterly, at a distance of 250 yards from the centre line of State Highway No. 16, to the intersection of a prolongation north-westerly of the north-eastern boundary of lot 8 of d.p. 21,385; thence south-easterly and crossing State Highway No. 16, and along the north-eastern boundary of the said lot 8 to a point 250 yards from the centre line of State Highway No. 16; thence generally by lines parallel to and distant 250 yards from the centre line of State Highway No. 16 to a point due north of the north-eastern boundary of Subdivision D. No. 839845; thence southerly to a point on the prolongation north-easterly of the south-eastern boundary of lot 13 of section 2, d.p. 5,014; thence south-westerly by that prolongation and the south-eastern boundary of said lot 13 and crossing Main Road No. 555 to a point 250 yards distant from the centre line of the said Main Road No. 555; thence north-westerly to a point one chain due south of the south-eastern corner of lot 5 of section 12, d.p. 1,064, on the southern side of a reserved road; thence westerly by the southern side of the said reserved road; thence northerly to the north-western corner of lot 10 of section 3, d.p. 1,064; thence westerly to the eastern boundary of portion 148; thence southerly, westerly and northerly by the eastern, southern and western boundaries of portion 148, to a point 250 yards south from the centre line of State Highway No. 16, thence by lines parallel to the centre line of State Highway No. 16 to the western boundary of portion 145; thence northerly to the point of commencement. N. E. FIFORD, Shire Clerk, Lismore, 9/11/51. 3133—£3 14s.

GUNDURIMBA SHIRE COUNCIL.—PROPOSED SPECIAL LOAN, £3,500.—The Council of the Shire of Gundurimba hereby notifies, in pursuance of section 180 of the Local Government Act, 1919, that:—(1) The Council proposes to raise a special loan of five thousand five hundred pounds (£5,500) for the purpose of providing the Council's share of the cost of construction and improvement works on main roads. (2) The rate of interest on the proposed loan will not exceed 4 $\frac{1}{2}$ per centum, and the securities will be issued at par. (3) It is proposed to repay the loan over a period of eight (8) years by sixteen equal half-yearly instalments of principal and interest combined, each amounting to £407 1s. 8d. (4) The Council does not propose to levy a loan rate for the purpose of providing for the payment of the abovementioned instalments. It is intended that the instalments shall be paid from General Fund. (5) Further particulars of the loan proposal may be obtained at the Council's office during ordinary office hours. (6) A period of one month from date of publication of this notice is allowed in which any number, not less than 25% of the ratepayers may petition the Council to take a poll of ratepayers on the question as to whether the ratepayers approve of the loan. The number of ratepayers on the roll is 999. GEORGE OLIVER, President. N. E. FIFORD, Shire Clerk, Lismore, 7th November, 1951. 3068—£1 16s.

WYONG SHIRE COUNCIL.—Notice is hereby given that the abovenamed Council has appointed Mr. Samuel Victor Bayley as Inspector under the Cattle Slaughtering and Diseased Animals and Meat Act, 1902, within the Shire of Wyong. J. GOLDING, Shire Clerk, 9th November, 1951. 3064—10s.

NEW SOUTH WALES

IVA No.24690

CERTIFICATE OF TITLE
PROPERTY ACT, 1900



13448080

Vol. 13448 Fol. 80



EDITION ISSUED

26 9 1977

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.

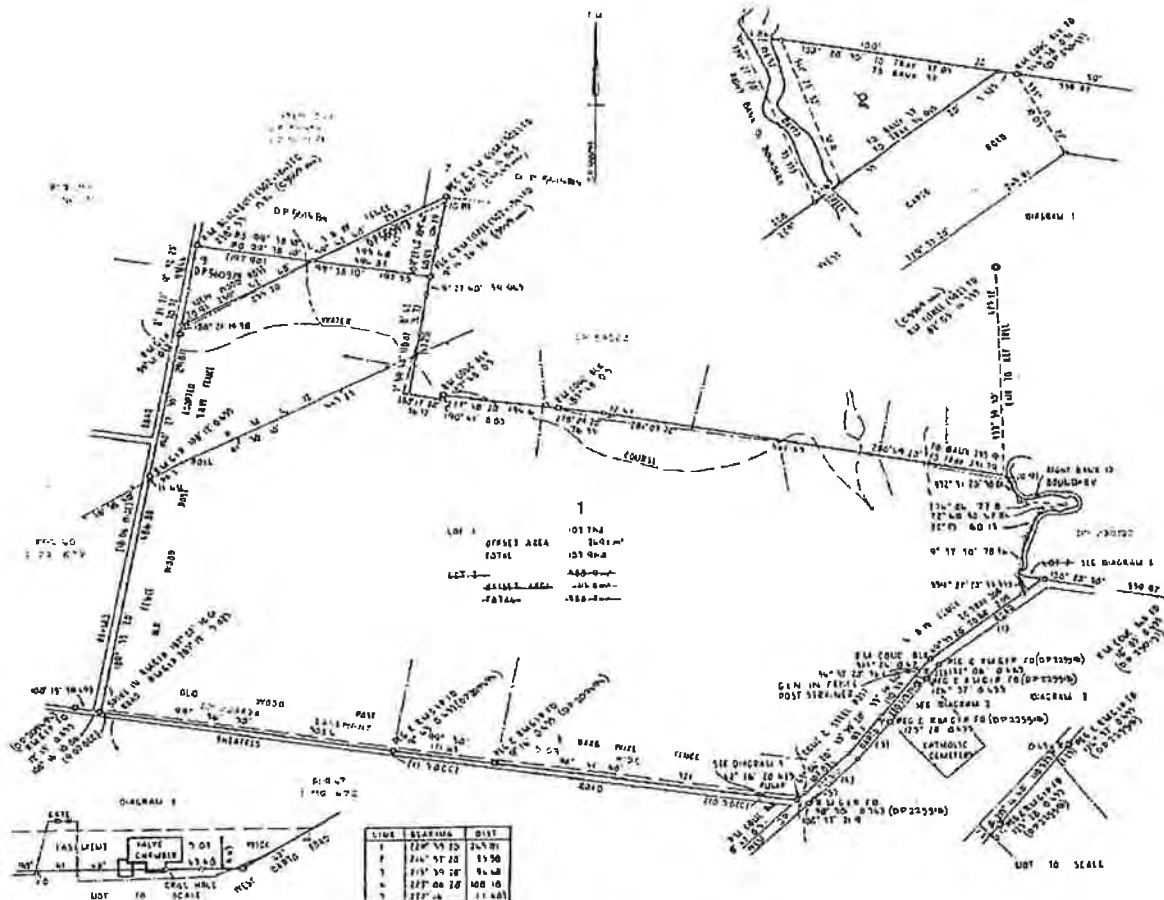
CANCELLED
Registrar General.



PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES

SEE AUTO FOLIO



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 1 in Deposited Plan 588139 at Kembla Grange in the City of Wollongong Parish of Kembla and County of Camden being part Portion 28 granted to James Mitchell on 30-12-1838, part of Portion 31 granted to Elizabeth Gray on 18-5-1843, part of Portion 186 granted to William Clark on 25-3-1845, part of Portion 187 granted to William Clark on 25-3-1845 and part of Portion 188 granted to William Clark on 30-6-1845.

FIRST SCHEDULE

AUSTRALIAN IRON & STEEL PROPRIETARY LIMITED.

SECOND SCHEDULE

1. Reservations and conditions, if any, contained in the Crown Grants above referred to.
2. CAUTION. The land within described is held subject to any subsisting interest (as defined in section 28A of the Real Property Act, 1900).

26. 9. 1977

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

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR

[illegible]

SECOND SCHEDULE (continued)

[illegible]

(Page 2 of 2 pages)

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

Form: 97-10CN
Licence: 10V/0167/95
Printed: 0897LTO

Instructions for filling out
this form are available from
the Land Titles Office

Application to Record
CHANGE OF NAME
New South Wales
Real Property Act 1900
Crown Land Acts 1989
Western Lands Act 1901

5200476F



(A) LAND

See attached sheet

(B) REGISTERED DEALING
if applicable.

(C) LODGED BY

LTO Box 1170 R	Name, Address or DX and Telephone 9 MARTIN ST ROSELANDS 2196 Reference (15 character maximum):
-------------------	---

(D) REGISTERED PROPRIETOR Australian Iron and Steel Pty Ltd
whose name is to be changed. (ACN ~~XXX~~ XX000 019 625)

(E) NEW NAME
in full.

CN	BHP Steel (AIS) Pty Ltd (ACN 000 019 625)
----	--

(F) I, the registered proprietor, apply to have my new name recorded in the Register in respect of the above land/registered dealing.

(G) STATUTORY DECLARATION BY THE APPLICANT

I, [new name] Mr Greg Duff of Five Islands Road, Port Kembla, solemnly and sincerely declare that

1. I am identical with the registered proprietor referred to above the Secretary of the Company
2. On 14 August 1998 at BHP Steel (AIS) Pty Ltd

I in the State of I married

3. BHP Steel (AIS) Pty Ltd is identical with Australian Iron and Steel Pty Ltd.
On 25 January 1994 Australian Iron and Steel Pty Ltd changed its name to
BHP Steel (AIS) Pty Ltd in accordance with the Corporations Law.

I make this solemn declaration conscientiously believing the same to be true and by virtue of the Oaths Act 1900, and I certify
this application correct for the purposes of the Real Property Act 1900.

Made and subscribed at Port Kembla in the State of New South Wales

on the 14th day of August 1998 in the presence of

Signature of Witness

RAY JARMAN

Name of Witness (BLOCK LETTERS)

Port Kembla Solicitor

Address and Qualification of Witness

Signature of Applicant

(A) LAND

VOLUME

FOLIO

1066	217	NOW BEING 1 585 22	
12138	245	NOW BEING 2 560973	OFF BA 4725362
10517	43	NOW BEING 2 230137	
13448	80	NOW BEING 1 588139	OFF QG
13448	81	NOW BEING 1 588 140	OFF GG
13448	82	NOW BEING 1 588 141	OFF QG
3907	121	NOW BEING 1 315174	
8 214958 9355	8	NOW BEING 2 570107	
13162	137	NOW BEING 213 16051	
9120	121	NOW BEING 26 16484	
4437	217	NOW BEING 25 16884	
14809	182	NOW BEING 1 235362	
11221	226	NOW BEING	
11221	227	NOW BEING 2 235362	
5420	47	1 430752	
5630	9	3 432055	
14211	18	5 255282	

FOLIO IDENTIFIERS

14/705941
 15/705941
 16/705941
 11/736121

2 SP 36279

Ray Laman. [Signature]

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

22/8/2017 3:38PM

FOLIO: 1/588139

First Title(s): SEE PRIOR TITLE(S)

Prior Title(s): VOL 13448 FOL 80

Recorded -----	Number -----	Type of Instrument -----	C.T. Issue -----
28/3/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
24/8/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
18/1/1995	U950315	DEPARTMENTAL DEALING	
17/8/1998	5200476	CHANGE OF NAME	EDITION 1
3/11/2008	AE301414	CAVEAT	
29/6/2011	AG333986	WITHDRAWAL OF CAVEAT	
14/9/2015	AJ811575	DEPARTMENTAL DEALING	

*** END OF SEARCH ***

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 1/588139

SEARCH DATE	TIME	EDITION NO	DATE
22/8/2017	3:38 PM	1	17/8/1998

LAND

LOT 1 IN DEPOSITED PLAN 588139
AT KEMBLA GRANGE
LOCAL GOVERNMENT AREA WOLLONGONG
PARISH OF KEMBLA COUNTY OF CAMDEN
TITLE DIAGRAM DP588139

FIRST SCHEDULE

BHP STEEL (AIS) PTY LIMITED

(CN 5200476)

SECOND SCHEDULE (2 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 BK 2716 NO 185 EASEMENT FOR WATER SUPPLY 5.03 WIDE AFFECTING THE LAND SHOWN IN DP 209494

NOTATIONS

NOTE: THE CERTIFICATE OF TITLE FOR THIS FOLIO OF THE REGISTER DOES NOT INCLUDE SECURITY FEATURES INCLUDED ON COMPUTERISED CERTIFICATES OF TITLE ISSUED FROM 4TH JANUARY, 2004. IT IS RECOMMENDED THAT STRINGENT PROCESSES ARE ADOPTED IN VERIFYING THE IDENTITY OF THE PERSON(S) CLAIMING A RIGHT TO DEAL WITH THE LAND COMPRISED IN THIS FOLIO.

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

kembla grange

PRINTED ON 22/8/2017

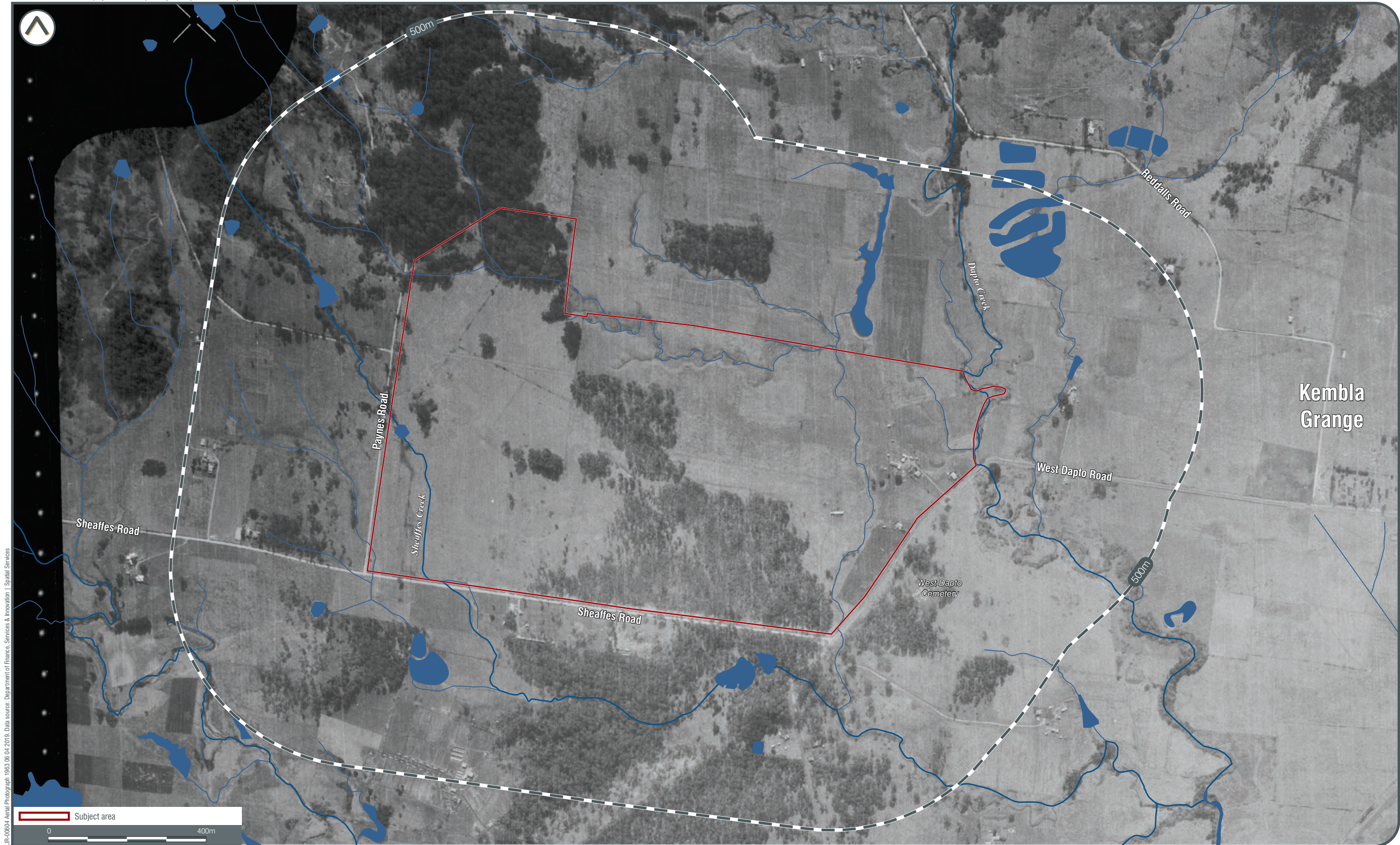
APPENDIX

F

HISTORICAL AERIALS

Historic Aerial Imagery

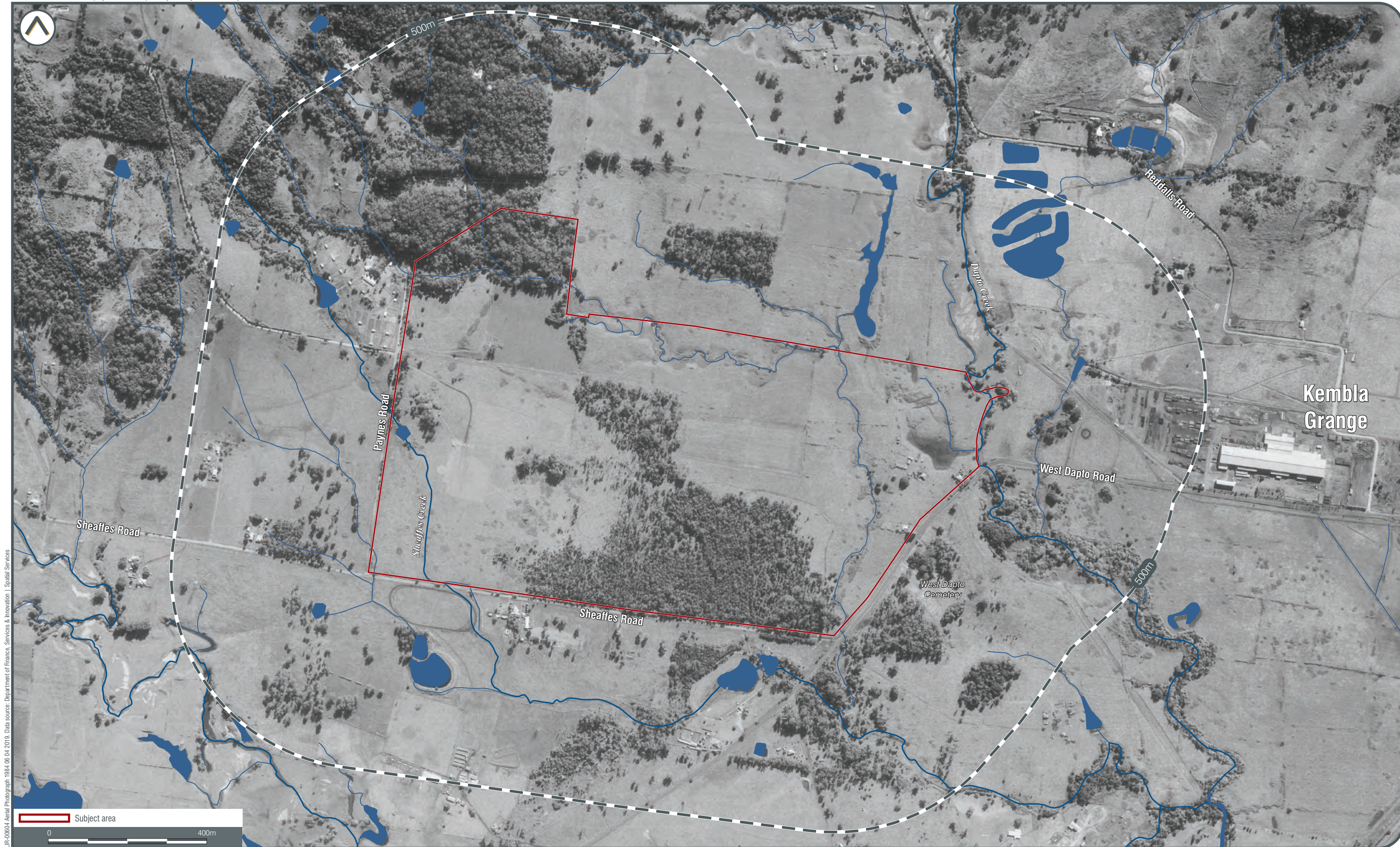




AERIAL PHOTOGRAPH - 1963

1977 Image





AERIAL PHOTOGRAPH - 1984



AERIAL PHOTOGRAPH - 1994

2006 Image



2017 Image



APPENDIX

G

HISTORICAL AERIAL PHOTOGRAPH REVIEW

Year	Site Description	Surrounding Area Description
1948/1951 (B&W)	<p>The site surface appears to be dominated by open space in the west / south western portion of the site along Sheaffes / Paynes Road, as well as the central to north eastern sections of the site. Dense bush land occupied the southern end, with more sparse vegetation towards the centre of the site. The north east portion showed several buildings and structures which were visible from West Dapto Road. The use of each building and structure is not evident, however, the number of structures and their configuration indicate that they may be associated with an agricultural operation.</p> <p>The remainder of the site appears to be used for livestock grazing.</p>	<p>The surrounding land use to the east, south and west of the site appeared to consist of rural properties. Significant vegetation appeared to occupy the land use to the south of the site. The land use to the north of the site appeared to consist of open grassed land use containing drainage channels.</p>
1963 (B&W)	<p>The site appears generally unchanged since 1948/1951. The buildings and structures toward the north east portion of the site are visible with greater definition and appear to be a mixture of residential dwellings and ancillary agricultural structures such as sheds. An additional narrow shed is now visible approximately 400m west of West Dapto Road that may have been associated with the piggery noted in the EIS (Camp Scott Furphy, 1978).</p>	<p>Vegetation clearance has occurred and structures are now present south of Sheaffes Road. The remainder of the surrounding land use appears relatively unchanged from the previous aerial photograph.</p>
1977 (Colour)	<p>The site appears generally unchanged since 1963. The buildings and structures toward the north east portion of the site are still visible.</p> <p>A dam is now visible in the north east of the site immediately north of the dwellings and structures.</p> <p>Several rectangular shaped areas of clearing are visible in the central and north west portions of the site for either pastoral improvement or cultivation.</p> <p>A number of structures are visible near the western site boundary in close proximity to Farm Road, however, the use of each structure is unknown.</p> <p>The remainder of the site appears to be used for livestock grazing.</p>	<p>Extensive vegetation has now been undertaken to the south of Sheaffes Road and now contained rural properties. The surrounding land use to the north, east and west of the site appeared to remain relatively unchanged from the previous aerial photograph with the exception of the construction of an industrial enterprise to the east of the site.</p>
1984 (B&W)	<p>The site remains relatively unchanged since the 1977 aerial. The long narrow shed in the east of the site potentially associated with the piggery has been demolished. In the west, two small potential structures are present south east of the structures adjacent Farm Road.</p> <p>The remainder of the site use appears consistent with live stock grazing.</p>	<p>The surrounding land use remains consistent dominated by rural properties and an industrial development to the east. Additional structures are present adjacent the north western site boundary across Farm (Paynes) Road. Excavation and shaping of the land to the north east of the site at Reddalls Road has occurred associated with development in the area.</p>
1994 (B&W)	<p>The structure adjacent the eastern site boundary, west of the former piggery has been demolished.</p> <p>In the west of the site, a horse track is now present east of Sheaffes Creek, with structures present to the south adjacent Sheaffes Road. The two potential structures south east of the Paynes Road area are no longer present.</p>	<p>Surrounding land use remains consistent, with further earthworks at the Reddalls Road area for development of Whytes Gully Waste and Resource Recovery Centre.</p>

<p>2006 (Colour)</p>	<p>Many of the remaining buildings along West Dapto Road appear to be derelict with debris evident in close proximity.</p> <p>A number of yards / pens appear to have been constructed around the structure to the south of the horse track in close proximity to Sheaffes Road.</p> <p>The remainder of the site appears to be used for livestock grazing.</p>	<p>The surrounding land-use to the north, south and west appeared to remain relatively unchanged from the previous aerial photograph with the exception of matured vegetation growth. The land use to the north east contained the Whytes Gully Waste and Resource Recovery Centre.</p>
<p>2017 (Colour)</p>	<p>The site appears generally unchanged since 2006. The buildings and structures toward the north east portion of the site are still visible and appear to be in similar configuration and condition as 2006.</p>	<p>The land use to the north appeared to contain the preliminary stages of a vehicle storage facility, which presently occupies the land use to the north. The surrounding land use to the east, south and west appeared to remain relatively unchanged from the previous aerial photograph.</p>

APPENDIX

H

HERITAGE REGISTER DATABASE SEARCH

Search for NSW heritage

[Return to search page where you can refine/broaden your search.](#)

Statutory listed items

Information and items listed in the State Heritage Inventory come from a number of sources. This means that there may be several entries for the same heritage item in the database. For clarity, the search results have been divided into three sections.

- Section 1 - contains Aboriginal Places declared by the Minister for the Environment under the National Parks and Wildlife Act. This information is provided by the Heritage Division.
- Section 2 - contains heritage items listed by the Heritage Council of NSW under the NSW Heritage Act. This includes listing on the State Heritage Register, an Interim Heritage Order or protected under section 136 of the NSW Heritage Act. This information is provided by the Heritage Division.
- Section 3 - contains items listed by local councils on Local Environmental Plans under the Environmental Planning and Assessment Act, 1979 and State government agencies under s.170 of the Heritage Act. This information is provided by local councils and State government agencies.

Section 1. Aboriginal Places listed under the National Parks and Wildlife Act.

Your search did not return any matching results.

Section 2. Items listed under the NSW Heritage Act.

Your search did not return any matching results.

Section 3. Items listed by Local Government and State Agencies.

Your search returned 15 records.

Item name	Address	Suburb	LGA	Information source
"Glengarry" Homestead	107 Reddalls Road	Kembla Grange	Wollongong City	LGOV
"Stan Dyke" Homestead and Outbuildings	Sheaffes Road	Kembla Grange	Wollongong City	LGOV
Cemetery	West Dapto Road	Kembla Grange	Wollongong City	LGOV
Former "Barlyn" homestead site, including gardens and dairy	105 Darkes Road	Kembla Grange	Wollongong City	LGOV
Glen Ayre Homestead	167 Sheaffes Road	Kembla Grange	Wollongong City	LGOV
Group of Bunya Pines, Moreton Bay Figs and Hills Figs	Sheaffes Road (150m east of bend in Paynes Road)	Kembla Grange	Wollongong City	LGOV

<u>Hoop Pines</u>	Paynes Road	Kembla Grange	Wollongong City	LGOV
<u>Kembla Grange Racecourse Railway Station</u>	Corner West Dapto Road and Princes Highway (on South Coast Rail Line)	Kembla Grange	Wollongong City	LGOV
<u>Moreton Bay Fig</u>	West Dapto Road	Kembla Grange	Wollongong City	LGOV
<u>Newton Park</u>		Kembla Grange	Wollongong City	GAZ
<u>Newton Park and Gardens</u>	Princes Highway next to Kembla Grange racecourse	Kembla Grange	Wollongong City	LGOV
<u>Slab Hut</u>	303 Reddalls Road	Kembla Grange	Wollongong City	LGOV
<u>St John's Catholic Cemetery</u>	231 West Dapto Road	Kembla Grange	Wollongong City	LGOV
<u>West Dapto Public School and Residence (Former)</u>	150 Sheaffes Road	Kembla Grange	Wollongong City	LGOV
<u>World War II Cemetery</u>	Reddalls Road	Kembla Grange	Wollongong City	LGOV

There was a total of 15 records matching your search criteria.

Key:

LGA = Local Government Area

GAZ= NSW Government Gazette (statutory listings prior to 1997), HGA = Heritage Grant Application, HS = Heritage Study, LGOV = Local Government, SGOV = State Government Agency.

Note: While the Heritage Division seeks to keep the Inventory up to date, it is reliant on State agencies and local councils to provide their data. Always check with the relevant State agency or local council for the most up-to-date information.