

HISTORICAL AND
ARCHAEOLOGICAL
ASSESSMENT
OF THE CADIA RIDGEWAY PROJECT
ON
‘TUNBRIDGE WELLS’,
FOUR MILE CREEK ROAD,
NEAR ORANGE,
N.S.W.

Edward A K Higginbotham,
MA (Cambridge), PhD (Sydney),
MAACAI.

EDWARD HIGGINBOTHAM
& ASSOCIATES PTY LTD.

Archaeology • History • & Heritage

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Edward Higginbotham
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EDWARD HIGGINBOTHAM & ASSOCIATES PTY LTD
140 Smith Street
SUMMER HILL, NSW 2130.
PO Box 97
HABERFIELD, NSW 2045.
(02) 9716-5154.
Fax. (02) 9716-8547.

For
Resource Strategies Pty Ltd

July 1998

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EXECUTIVE SUMMARY.

A total of 29 historical and archaeological sites have been located by site survey and historical research on the Cadia Ridgeway Project ('Tunbridge Wells'. MLA 103). These sites relate to historical rural settlement and previous mining activity on the property. Originally a number of separate holdings, the property was first amalgamated as one holding in 1937. Each property holding originally had a house upon it, the house sites dating from 1876 onwards.

The historical and archaeological sites possess a regional to a local level of significance, with several sites not meeting the inclusion criteria for any category of significance. Most of these sites are located outside the construction zone for the proposed mining development. Those which are located within the construction zone require archival recording and an archaeological monitoring programme during development. Only one item (Site 13) within the currently proposed construction zone will require archaeological investigation (initially by test trenching) prior to disturbance

1. INTRODUCTION.

1.1. Background.

This report was commissioned by Resource Strategies Pty Ltd on 19 May 1998.

The preparation of a European or historical archaeological assessment report is required as a part of the Environmental Impact Statement for the Cadia Ridgeway Project.

1.2. Brief.

The purpose of this report is to identify and assess the archaeological significance of the subject site and to make recommendations for the management and conservation of any archaeological remains, which may be impacted by the proposal.

1.3. Location of site.

The subject site is located at 'Tunbridge Wells', on Four Mile Creek Road, near Orange (Figures M-1 and M-2). The site consists of 26 parcels, which includes Portions 49, 76, 83, 84, 85, 87, 91, 92, 93, 95, 96, 97, 99, 100, 102, 124, 125, 126, 127, 128, 134, part 147, part 148, part 149, 153, and 158, Parish of Clarendon, County of Bathurst, New South Wales (Figure M-3).

Permanent Conservation Order (PCO) No. 684, Old Cadia Copper Mine, is situated on part Lot 100, DP 576778, abutting the eastern boundary of the study area (Figure M-2). The PCO consists of the Cadia Engine House and curtilage.

1.4. Study methodology and limitations.

This report has been prepared in accordance with the Heritage Office and Department of Urban Affairs and Planning *NSW Heritage Manual*, including:¹

¹ Heritage Office and Department of Urban Affairs and Planning. 1996. *NSW Heritage Manual*.

1. Historical research.
2. Site survey.
3. The assessment of the archaeological significance of the site.
4. Recommendations for management and conservation.²

Historical research was undertaken by Terry Kass, Edward Higginbotham and Noeleen Curran.

Site survey was undertaken by Edward Higginbotham and Noeleen Curran on 13 and 14 May 1998, with additional site survey on 17 June 1998. The report was prepared by the same persons.

² Heritage Office and Department of Urban Affairs and Planning. 1996. *NSW Heritage Manual*.
Heritage Office and Department of Urban Affairs and Planning. 1996. *Heritage Assessments*.
Heritage Office and Department of Urban Affairs and Planning. 1996. *Archaeological Assessments. Archaeological Assessment Guidelines*.

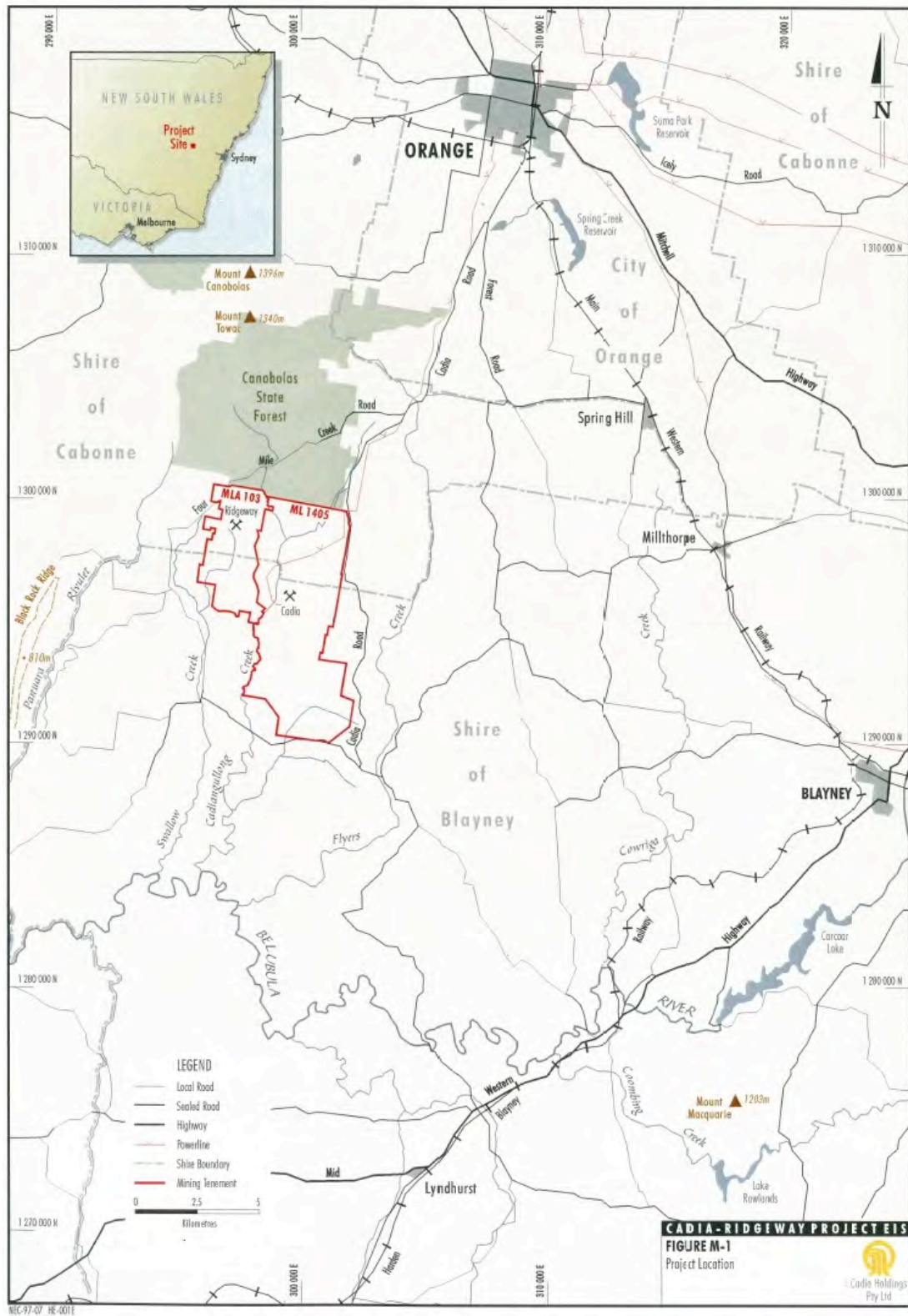


Figure M-1 Location plan of the subject site, MLA 103 ('Tunbridge Wells'), near Orange.



Figure M-2. Location plan of the subject site, MLA 103 ('Tunbridge Wells'), near Orange, showing nature and extent of proposed mining development, together with location of heritage items.

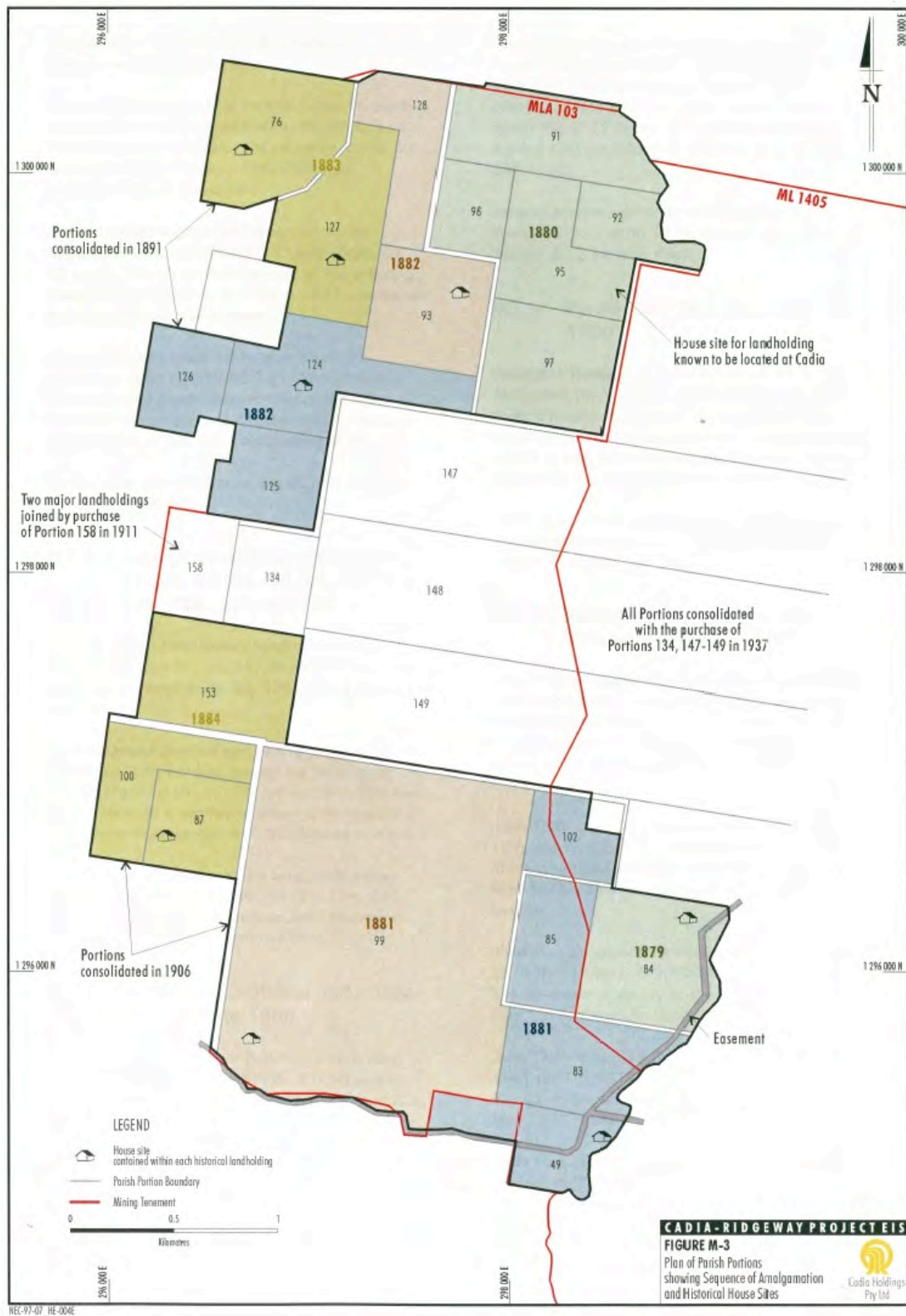


Figure M-3. Distribution of Parish Portions within the subject site.

2. HISTORICAL BACKGROUND.

2.1. Introduction.

The purpose of the historical research is to outline the sequence of ownership, occupation, land use and improvements on each portion within the subject site.

Apart from Portions 147, 148 and 149, which were taken up under Old System Title, the land was taken up as follows:

1. Conditional Purchase under Section 13 of the Crown Land Alienation Act of 1861, ie. first selection by an individual.
2. Conditional Purchase under Section 21 of the Crown Land Alienation Act of 1861, ie. additional selection by an individual already holding a first selection under Section 13.
3. Mining Conditional Purchase under the Crown Land Alienation Act of 1861.
4. Purchase after Auction sale by the Crown.

In total, there were eight different individuals who selected land as original Conditional Purchases. This does not include John Grenfell, whose selection of Portion 76 in 1876 was declared lapsed in February 1880. Six of these individuals then added to their landholdings by selecting further land as Additional Conditional Purchases.

Those who took up Conditional Purchases included Andrew Ferres, Josiah Holman, Henry Hunt, James Lambert, William Patterson, Barrington Rothery, James Stedman and John Trathen. The Scottish Australian Mining Company took up Portion 134 as a Mining Conditional Purchase. In 1910, Theodore Blundell, the then owner of the property, bought Portion 158 at an auction sale of Crown land in Orange. The sequence of ownership and amalgamation of each landholding is shown in Figure M-3.

After an application, the Surveyor-General would normally have arranged for the official survey of the land subject to application. Where this was conducted a number of months after the original application, the survey often shows the extent of

improvements already established by the applicant including huts, yards, wells and gardens. This can be an invaluable historical resource for understanding the development of rural settlement. (See Portion plans in Appendix 3).

2.2. Portion 76. Title from 1876 to 1880.

John Grenfell applied for Portion 76 on 18 May 1876 (BATHURST. CLARENDON. 76. 100 acres). The government survey of the property, dated 17-19 June 1878, shows a hut and clearing with yards, valued at £30. The application lapsed on 3 February 1880 (see Section 2.3 for later title).

2.3. Portions 76 and 127. Title from 1882 to 1891.

James Stedman applied for Portion 127 on 12 October 1882 (BATHURST. CLARENDON. 127. 100 acres). The government survey of the property, dated 18 March 1883, shows a hut valued at £1, a garden valued at £2 and well valued at £3.

James Stedman applied for Portion 76 on 10 May 1883 (BATHURST. CLARENDON. 76. 100 acres). The hut and yards shown on the 1878 survey may have been used by Stedman. Given that he did not acquire any claim to Portion 76 until 1883, it is likely that the hut shown on his 1882 application for Portion 127 was his main residence.

James Stedman sold these two portions to Josiah Holman in 1891 (see Section 2.7 for later title).

2.4. Portions 93 and 128. Title from 1879 to 1891.

Andrew Ferres applied for Portion 93 on 24 April 1879 (BATHURST. CLARENDON. 93. 80 acres). The government survey of the property, dated 1 October 1879, shows a hut valued at £25 situated near Milson's Springs, which may have been his main residence, and a clearing valued at £5.

Andrew Ferres applied for Portion 128 on 28 December 1882 (BATHURST. CLARENDON. 128. 55 acres). The government survey of the property, dated 18 March 1883, shows no improvements on this portion.

Andrew Ferres sold these two portions to Josiah Holman in 1891 (see Section 2.7 for later title).

2.5. Portions 124, 125 and 126. Title from 1882 to 1891.

William Patterson applied for Portion 125 on 5 October 1882 (BATHURST. CLARENDON. 125. 60 acres). The government survey of the property, dated 18 March 1883, shows no improvements on this portion.

William Patterson applied for Portion 126 on 12 October 1882 (BATHURST. CLARENDON. 126. 50 acres). The government survey of the property, dated 18 March 1883, shows a fence valued at £13 on this portion.

William Patterson applied for Portion 124 on 21 October 1882 (BATHURST. CLARENDON. 124. 100 acres). The government survey of the property, dated 18 March 1883, shows a hut valued at £5, which was probably his main residence due to the rapid amalgamation of these three adjoining portions. There is also a road reserve through this portion.

William Patterson sold these three portions to Josiah Holman in 1891 (see Section 2.7 for later title).

2.6. Portions 91, 92, 95, 96 and 97. Title from 1879 to 1906.

Josiah Holman applied for Portion 91 on 17 April 1879 (BATHURST. CLARENDON. 91. 100 acres). The government survey of the property, dated 30 September to 2 October 1879, shows no improvements on this portion.

Josiah Holman applied for Portion 92 on 5 June 1879 (BATHURST. CLARENDON. 92. 40 acres). The government survey of the property, dated 30 September to 2 October 1879, shows no improvements on this portion.

Josiah Holman applied for Portion 95 on 15 April 1880 (BATHURST. CLARENDON. 95. 80 acres). The government survey of the property, dated 30 September to 2 October 1879, shows no improvements on this portion.

Josiah Holman applied for Portion 96 on 30 September 1880 (BATHURST. CLARENDON. 96. 40 acres). The government survey of the property, dated 30 September to 2 October 1879, shows no improvements on this portion.

Josiah Holman applied for Portion 97 on 11 November 1880 (BATHURST. CLARENDON. 97. 97 acres). The government survey of the property, dated 30 September to 2 October 1879, shows a fence valued at £25 and yards valued at £3.

For the later title of Portions 91, 92, 95, 96 and 97, see Section 2.7.

2.7. Amalgamated title of Portions 76, 91, 92, 93, 95, 96, 97, 124, 125, 126, 127 and 128.

In 1891 Josiah Holman extended his existing holding (Portions 91, 92, 95, 96 and 97) with the purchase of Portions 76, 93, 124, 125, 126, 127 and 128.

In 1893 Josiah Holman sold all the portions in land holding to C.W. Holman, except for his original holding (Portions 91, 92, 95, 96 and 97). This land passed through a number of property transactions until it was likewise sold to C.W. Holman in 1905.

In turn, C.W. Holman sold the total landholding (Portions 76, 91, 92, 93, 95, 96, 97, 124, 125, 126, 127 and 128) to Theodore John Blundell in 1906 (see Section 2.12 for later title).

2.8. Portions 87, 100 and 153. Title from 1879 to 1906.

James Lambert applied for Portion 87 on 8 May 1879 (BATHURST. CLARENDON. 87. 60 acres). The government survey of the property, dated 22 May 1879, shows no improvements in this portion.

James Lambert applied for Portion 100 on 12 May 1881 (BATHURST. CLARENDON. 100. 70 acres). The government survey of the property, dated 7 September 1881, shows a fence (noted as not erected by Lambert) valued at £4.

James Lambert applied for Portion 153 on 7 August 1884 (BATHURST. CLARENDON. 153. 100 acres). The government survey of the property, dated 6

March 1885, shows a fence consisting of 12 chains of top rail and 6 wires, costing £70 per mile with the total value being £10.10.0.

James Lambert sold these three portions to Theodore Blundell on 30 November 1906 (see Section 2.12 for later title).

2.9. Portion 99. Title from 1881 to 1906.

Barrington Rothery applied for Portion 99 on 28 April 1881 (BATHURST. CLARENDON. 99. 561 acres 2 roods). The government survey of the property, dated 7 September 1881, shows a fence valued at £45 and a house valued at £30. There is also a road reserve through this portion.

Barrington Rothery sold this portion to Theodore Blundell on 30 November 1906 (see Section 2.12 for later title).

2.10. Portion 49, 83, 85 and 102. Title from 1876 to 1906.

John Trathen applied for Portion 49 on 15 August 1876 (BATHURST. CLARENDON. 49. 40 acres). The government survey of the property, dated 30-31 January 1877, shows a small hut or gunyah valued at £1. There is also a road reserve through this portion.

John Trathen applied for Portion 83 on 21 April 1879 (BATHURST. CLARENDON. 83. 80 acres). The government survey of the property, dated 19 May 1879, shows a road reserve through this portion.

John Trathen applied for Portion 85 on 8 May 1879 (BATHURST. CLARENDON. 85. 60 acres). The government survey of the property, dated 19 May 1879, shows no improvements in this portion.

John Trathen applied for Portion 102 on 19 May 1881 (BATHURST. CLARENDON. 102. 40 acres). The government survey of the property, dated 25 May 1883, shows no improvements in this portion.

John Trathen sold these four portions to Theodore Blundell on 30 November 1906 (see Section 2.12 for later title).

2.11. Portion 84. Title from 1879 to 1929.

Henry Hunt applied for Portion 84 on 24 April 1879 (BATHURST. CLARENDON. 84. 100 acres). The government survey of the property, dated 19 May 1879, shows a frame of a hut valued at £2 and a road reserve through this portion.

The title to Portion 84 was issued to Luke James Tompkin, Cadia, on 23 May 1903. His widow, Sarah Jane Tompkin, Cadia, sold the property to Mary Tynan, Cadia, widow on 7 February 1916. Mary Tynan leased the property to James Joshua Oglethorpe, Cadia, hotelkeeper, on 1 July 1926. The leased was cancelled on 14 June 1929 through default in payment of rent. Mary Tynan sold the property to William Ralston Brown, Orange, grazier on 11 July 1929.

For later title of Portion 84, see Section 2.12.

2.12. Amalgamated title to Portions 49, 76, 83, 85, 87, 91, 92, 93, 95, 96, 97, 99, 100, 102, 124, 125, 126, 127, 128 and 153.

Theodore John Blundell added 902 acres to his existing holding of 1011 acres and 2 roods by the purchase of Portions 76, 91, 92, 93, 95, 96, 97, 124, 125, 126, 127 and 128 on 30 November 1906. He joined the two landholdings together by the purchase of Portion 158 from the Crown on 28 June 1911.

Theodore Blundell sold the whole property to William Ralston Brown, Orange, dairyman, on 30 August 1917. He added Portion 84 to the landholding by purchase from Mary Tynan on 11 July 1929.

On 8 August 1929, he transferred the title to Lionel Ralston, Cyril William and Kenneth Ernest Brown, as Tenants in Common.

2.13. Portions 134, 147, 148 and 149.

Portions 147, 148 and 149 were granted on 12 April 1852 to William Lawson, Thomas Icely, William Frederick Jones and John Savory Rodd. Through various company directors, the land was eventually transferred to the Scottish Australian Mining Co Limited on 24 December 1873.³

The Scottish Australian Mining Co Limited eventually transferred Portions 147, 148 and 149, among other portions, to Lionel Ralston Brown, Orange, grazier, on 31 August 1937.⁴

Portion 134 was applied for and purchased by the Scottish Australian Mining Co Limited with title issued on 22 February 1888. The company sold this land to Lionel Ralston Brown on 10 September 1937.

Later title to Portions 134, 147, 148 and 149 has not been researched.

2.14. Summary of sequence of landholdings.

The sequence of title for the various portions has shown that a limited number of landholders purchased and amalgamated blocks of land into larger and more viable landholdings. It is an expectation that each landholder will have had a place of residence on a part of his landholding, as has been confirmed by the government surveys. Where no hut or house site has been indicated by the surveys, for example, on Lambert's property, a house site has nonetheless been located by site survey. The historical documentation therefore is able to predict the number and approximate location of hut or house sites on the subject site and is a powerful predictive tool for archaeological investigation. The archaeological investigation has supplemented and added to this historical framework.

The title search also provides an approximate chronology for the hut and house sites located on the various portions (Table 2.1).

³ Appn. 2120: Vol. 86. Fol. 137; Vol. 113. Fol. 29. LTO.

⁴ Vol. 175. Fol. 108; Vol. 4370. Fol. 102; Vol. 4677. Fol. 84. LTO.

Portion number	Improvements (date of government survey)	Date range	Owner
49	Small hut, 1877	1876 - 1906?	John Trathen
76	Hut, 1878	1876 - 1880	John Grenfell
84	Frame of hut, 1879	1879 - ?	Henry Hunt, Luke James Tompkin?
93	Hut, 1879	1879 - 1891	Andrew Ferres
99	House, 1881	1881 - 1906	Barrington Rothery
124	Hut, 1883	1882 - 1891	William Patterson
127	Hut, 1883	1882 - 1891	James Stedman

Table 2.1 Approximate chronology for the hut and house sites located on the various portions.

A number of these sites were identified by Graham Brown, 'Tunbridge Wells'.⁵ These, and the remaining sites, were also identified by site survey.

2.15. Mineral extraction.

The importance of the copper, gold and iron mining at Cadia is well documented.⁶ The records of the Scottish Australian Mining Company have provided an important historical resource for mapping the mine workings in the subject site (See figures in Appendix 3).

⁵ Personal Communication, Graham Brown, May 1998.

⁶ Godden Mackay, Cadia Mining Project, Final Conservation Plan. Newcrest Mining Limited. 1995. Volume 1. pp. 8-50.

3. SITE SURVEY.

An archaeological survey of 'Tunbridge Wells' was carried out by Edward Higginbotham and Noeleen Curran on 13 and 14 May 1998, with additional site survey on 17 June 1998.

The following archaeological sites were recorded (see Figure M-2 for location):

Inventory Number	Item	Item type
1	House in Portion 128.	Building
2	Ship tanks in Portion 128.	Relic
3	Site of former sawmill, Portion 127.	Archaeological/ historical site
4	Site of original woolshed, Portion 127.	Archaeological/ historical site
5	Shearers Quarters, Portion 93.	Building
6	House 1 in Portion 93.	Building
7	House 2 in Portion 93.	Building
8	Ship tanks in Portion 93.	Relic
9	Site of house (original homestead?) in Portion 93.	Archaeological/ historical site
10	'Comet' Windmill, Portion 95.	Relic
11	Shearing shed and farm outbuilding, Portion 93.	Building
12	Possible site of house, Portion 147.	Archaeological/ historical site
13	Possible site of house, Portion 97.	Archaeological/ historical site
14	Possible site of stockyards, Portion 147.	Archaeological/ historical site
15	Windbreak, Portions 147 and 148.	Archaeological/ historical site
16	Fig tree, Portion 148.	Relic
17	Site of former post and rail stockyards, Portion 149.	Archaeological/ historical site
18	Hut 1 on Portion 149.	Building
19	Hut 2 in Portion 149.	Building
22	Possible house site, Portion 87.	Archaeological/ historical site
23	Site of house, Portion 99.	Archaeological/ historical site

24	Site of gunyah/ hut, Portion 49.	Archaeological/ historical site
25	Road and telegraph line.	Other work
26	Site of hut, Portion 124.	Archaeological/ historical site
27	Site of yards, Portion 97.	Archaeological/ historical site
28	Site of house and gardens, Portion 127.	Archaeological/ historical site
29	Site of well, Portion 127.	
30	Site of hut, Portion 76.	Archaeological/ historical site
31	Mine workings, Portion 149.	Archaeological/ historical site

Table 3.1. List of Heritage Items (see Appendix 2 for inventory sheets). Sites 20 and 21 are outside the study area on Portion 84.

3.1. Ship tanks and other industrial relics.

Ship tanks are rarely found in agricultural and pastoral environments. They are more frequent on or near industrial sites, and are an important relic of historical transportation methods. The presence of these relics and the other industrial relics, in an agricultural and pastoral context, reflect the typical Australian practice of recycling materials for other uses.

A total of five ship tanks were recorded in association with two buildings currently used as residences (Sites 1 and 7). All five ship tanks have been apparently modified and now hold firewood for domestic use. Other industrial relics appear to have been adapted for a similar usage, for example, the two skips recorded at Site 18.

Ship tanks are an important relic of historical transportation methods used in the mid to late nineteenth century shipping industry. The first ship tank was invented in 1808 to challenge the wooden barrel in its particular uses. Its primary purpose was ‘...of containing, enveloping, preserving and securing from damage the several articles of merchandise and other goods, whether in the solid or in the liquid form, which are taken on board ships and other vessels to be transported or consumed’.⁷

The ship tanks recorded on ‘Tunbridge Wells’ were inscribed F. BRABY & CO. LTD LONDON. Frederick Braby & Co. manufactured ship tanks from 1872 until at least

⁷ Trevithick F. *Life of Richard Trevithick, with an account of his inventions*, E & F.N. Spon, London, 1872. pp. 285 - 286. In Pearson, M. ‘From Ship to the Bush: Ship Tanks in Australia’, *Australasian Historical Archaeology*, 10, 1992. pp. 24-29.

1934. An 1883 catalogue advertisement for Frederick Braby's ship tanks, offered tanks in two sizes, 4 foot (1.22 metres) square holding about 4.5 hundredweight (229 kg) of goods or 400 gallons (1820 litres) of liquid, and 3 foot 2 inches (0.96 metres) holding 200 gallons (910 litres) of liquid. Braby offered his standard tanks (painted or galvanised) with a 15 inch (38 cm) diameter filling hole, but optional extras included 18 inch (45.7 cm) and 24 inch (60.9 cm) filling holes.⁸

The tanks came in two qualities, differing in the thickness of the iron plate used for dry goods or for water storage. Standard uses listed by Braby were for water, malt, hops, fruit, biscuits, bread and 'merchandise generally'. Braby used the recyclable nature of the tanks as one of their selling points.

It is most likely that these ship tanks were transported to Cadia during the mining period. Their distribution across the agricultural and pastoral landscape is typical of general recycling practices of functional and durable materials throughout Australia.

Other industrial relics recorded during the site survey included sections of tramlines, heavy timbers from the engine house, and two skips from the Iron Duke Mine ropeway. Obviously, these relics have been recycled from the nearby mines at Cadia.

3.2. Rural settlement.

Typical elements of the rural landscape, including sawmills, shearing sheds, shearer's quarters, windmills, outbuildings and stockyards, have been identified on 'Tunbridge Wells'. They contribute to our knowledge of the timber milling, pastoral and agricultural industries.

Whilst windbreaks are common, they are usually formed by exotic plantings. In this case, extensive windbreaks (Site 15) were formed by the selective retention of indigenous species of trees. The 1954 aerial photograph (CMA) of the property shows that the land around the windbreaks was then uncleared, indicating that the formation of the windbreaks is of more recent date. Although the windbreaks are not a heritage item by definition under the *Heritage Act*, they are nonetheless an unusual example because of the use of remnant bushland.

⁸ Pearson, M. 'From Ship to the Bush: Ship Tanks in Australia', *Historical Archaeology*, 10, 1992. pp. 24-29.

It is rare to have the opportunity to investigate house sites in the context of historical rural settlement. These sites are usually situated near a reliable water supply, such as a river, creek or spring. Where water is not readily available, other sources include wells, cisterns or tanks. House sites are easily identified by markers such as exotic vegetation, terraced platforms, remnant stone walls and / or footings. These sites offer the potential to reveal information about the working and living conditions of rural settlement from the 1870's. The historical research of the subject site tells us that the approximate chronology for the hut and house sites located on the various portions is between 1877 and 1883 (Table 2.1).

3.3. Cadia PCO.

The assessment of the proposed development on the curtilage of the Cadia Engine House PCO was beyond the scope of this report. Nonetheless the plans made available by the client for this study appear to indicate that the main elements of the proposed development will be located at a distance from the PCO and will not be visible from the PCO.

4. CULTURAL SIGNIFICANCE.

4.1. Cultural significance.

The importance of the subject site will be assessed in general terms according to its cultural significance. The criteria for assessment have been standardised by the Heritage Office and Department of Urban Affairs and Planning in the *NSW Heritage Manual*.⁹ They are summarised below:

Nature of significance.

Historical significance (evolution and association). An item having this value is significant because of the importance of its association with, or position in the evolving pattern of our cultural history.

Aesthetic significance (scenic / architectural qualities / creative accomplishment). An item having this value is significant because it demonstrates positive visual or sensory appeal, landmark qualities and/or creative or technical excellence.

Technical / research significance (archaeological, industrial, educational, research potential and aesthetic significance values). Items having this value are significant because of their contribution or positive contribution to an understanding of our cultural history or environment.

Social significance (contemporary community esteem). Items having this value are significant through their social, spiritual or cultural association with a recognisable community.

Degree of significance.

Representativeness. Items having this value are significant because they are fine representative examples of an important class of significant items or environments.

⁹ Heritage Office and Department of Urban Affairs and Planning. 1996. *Heritage Manual*.

Rarity. An item having this value is significant because it represents a rare, endangered or unusual aspect of our history or cultural environment.

Level of significance.

Local. Comprises items significant in a local historical or geographical context or to an identifiable contemporary local community.

Regional. Comprises items significant in a regional historical or geographical context or to an identifiable contemporary regional community.

State. Comprises items significant in a state-wide historical or geographical context or to an identifiable contemporary state-wide community.¹⁰

4.2. The significance of the cultural landscape.

Human settlement imposes on the landscape a distinctive pattern or patchwork of houses and other buildings, streets and roads, parks and reserves, communications and industry. This physical evidence enables an understanding of the landscape in terms of land use, sequence and nature of settlement and occupation. It complements the information that is available from historical research.

Thus all items in an inventory of sites possess **historical significance** as defined under current guidelines, although each will contribute in varying degree. The minimum degree of historical importance will be representative and the minimum level will be local. This means that at least an item will be important to the locality in terms of being representative of the nature of settlement. In many cases items may demonstrate a former use or continuity of use, thereby becoming important items in the historical landscape.

In as much as each item in an inventory contributes to an understanding of the human occupation and evolution of the rural or urban landscape, so too will it possess an

¹⁰ The above assessment criteria were extracted verbatim from Heritage Office and Department of Urban Affairs and Planning. 1996. Heritage Assessments. pp. 4-7.

educational role for the wider community. This is defined as **social significance** under current guidelines. Social significance may also extend to other values held by the community and placed upon the landscape or items within it, be they social, cultural, religious, spiritual, aesthetic or educational values.

4.3. The heritage significance of the subject site.

Several of the items identified during this investigation have historical and scientific significance at a regional level, whilst some have historical and scientific significance at a local level. The following table summarises the significance of each item assessed.

Site Number	Item	Item type	Significance Historical Rare	Significance Historical Representative	Significance Scientific Rare	Significance Scientific Representative
1	House in Portion 128.	Building				
2	Ship tanks in Portion 128.	Relic	Regional		Regional	
3	Site of former sawmill, Portion 127.	Archaeological/historical site				
4	Site of original woolshed, Portion 127.	Archaeological/historical site				
5	Shearers Quarters, Portion 93.	Building				
6	House 1 in Portion 93.	Building				
7	House 2 in Portion 93.	Building				
8	Ship tanks in Portion 93.	Relic	Regional		Regional	
9	Site of house (original homestead?) in Portion 93.	Archaeological/historical site		Regional		Regional
10	'Comet' Windmill, Portion 95.	Relic		Local		Local
11	Shearing shed and farm outbuilding, Portion 93.	Building		Local		Local
12	Possible site of house, Portion 147.	Archaeological/historical site				
13	Possible site of house, Portion 97.	Archaeological/historical site		Regional		Regional
14	Possible site of stockyards, Portion 147.	Archaeological/historical site		Local		Local
15	Windbreak, Portions 147 and 148.	Archaeological/historical site				
16	Fig tree, Portion 148.	Relic				

Site Number	Item	Item type	Significance Historical Rare	Significance Historical Representative	Significance Scientific Rare	Significance Scientific Representative
17	Site of former post and rail stockyards, Portion 149.	Archaeological/historical site				
18	Hut 1 on Portion 149.	Building	Regional		Regional	
19	Hut 2 in Portion 149.	Building				
22	Possible house site, Portion 87.	Archaeological/historical site		Regional		Regional
23	Site of house, Portion 99.	Archaeological/historical site		Regional		Regional
24	Site of gunyah/hut, Portion 49.	Archaeological/historical site		Regional		Regional
25	Road reserve and telegraph line.	Other work		Local		
26	Site of hut, Portion 124.	Archaeological/historical site		Regional		Regional
27	Site of yards, Portion 97.	Archaeological/historical site				
28	Site of house and gardens, Portion 127.	Archaeological/historical site		Regional		Regional
29	Site of well, Portion 127.			Regional		Regional
30	Site of hut, Portion 76.	Archaeological/historical site		Regional		Regional
31	Mine workings, Portion 149.	Archaeological/historical site	Regional		Regional	

Table 4.1 Significance of historical and archaeological sites at 'Tunbridge Wells'. Sites 20 and 21 are outside the study area on Portion 84. Sites without any entry in the significance columns possess little or no cultural significance and do not meet the inclusion criteria for any category (nature) of significance.

5. CONSERVATION GUIDELINES AND RECOMMENDATIONS.

5.1. Principal issues relating to the redevelopment of the subject site.

The following issues are relevant to the current proposal to redevelop the subject site.

1. Heritage legislation and other external factors.
2. The condition of the archaeological remains.
3. The nature of the proposed redevelopment.
4. The requirements for the conservation of the archaeological site.

These issues are considered separately below.

5.1.1. The NSW *Heritage Act* and historical archaeology

The *Heritage Act* contains various legal measures to protect archaeological resources.

Where historical research has revealed the location of historical settlement, experience has shown that the discovery of relics is highly likely once the soil is disturbed. When relics are revealed the Heritage Council must be notified. This may involve delay until appropriate arrangements can be made to record the archaeological remains. As a result, developers and others are normally advised that excavation permits must be obtained prior to undertaking works, which involve excavation or the disturbance of historic sites. In this way most delays can be avoided.

The NSW *Heritage Act* defines a ‘relic’ as:

- any deposit, object or material evidence -*
- (a). which relates to the settlement of the area that comprises New South Wales, not being Aboriginal settlement; and*
 - (b) which is 50 or more years old*

Section 139 of the *Heritage Act* provides that:

A person shall not disturb or excavate any land for the purpose of discovering, exposing or moving a relic, not being a relic subject to a conservation instrument, except in accordance with an excavation permit.

If a site is the subject of an order under section 130, an Interim Conservation Order, or a Permanent Conservation Order, approval for an excavation is required under section 60 of the *Heritage Act*..

If a site is not the subject of an order under the *Heritage Act*, an excavation permit is required, in accordance with section 140.

Section 146 of the *Heritage Act* requires that the accidental discovery of relics should be reported to the Heritage Council of NSW.

When an item of heritage significance comes under the ownership or control of a public authority, the authority is required to record it in a Heritage and Conservation Register, under section 170 of the *Heritage Act*. The purpose of the provision is to alert the authority whenever works are proposed, which might affect the item.

Apart from the *Heritage Act*, the requirements of all other legislation is outside the scope of this report.

5.1.2. Proposed development and its impact on historical and archaeological sites.

The proposal comprises the development of an underground mine and associated surface buildings, ventilation structures and ore transport and vehicle access corridors.

The following sites are located within the construction zone for the proposed development (Figure M-2):

Site Number	Item	Item type	Significance Historical Rare	Significance Historical Representative	Significance Scientific Rare	Significance Scientific Representative
12	Possible site of house, Portion 147.	Archaeological/historical site				
13	Possible site of house, Portion 97.	Archaeological/historical site		Regional		Regional
14	Possible site of stockyards, Portion 147.	Archaeological/historical site		Local		Local
15	Windbreak, Portions 147 and 148.	Archaeological/historical site				
17	Site of former post and rail stockyards, Portion 149.	Archaeological/historical site				
18	Hut 1 on Portion 149.	Building	Regional		Regional	
19	Hut 2 in Portion 149.	Building				
25	Road reserve and telegraph line.	Other work		Local		

Table 5.1 List of historical and archaeological sites within the construction zone for the proposed development.

The following sites are located outside the construction zone for the proposed development (Figure M-2):

Site Number	Item	Item type	Significance Historical Rare	Significance Historical Representative	Significance Scientific Rare	Significance Scientific Representative
1	House in Portion 128.	Building				
2	Ship tanks in Portion 128.	Relic	Regional		Regional	
3	Site of former sawmill, Portion 127.	Archaeological/historical site				
4	Site of original woolshed, Portion 127.	Archaeological/historical site				
5	Shearers Quarters, Portion 93.	Building				
6	House 1 in Portion 93.	Building				
7	House 2 in Portion 93.	Building				
8	Ship tanks in Portion 93.	Relic	Regional		Regional	

Site Number	Item	Item type	Significance Historical Rare	Significance Historical Representative	Significance Scientific Rare	Significance Scientific Representative
9	Site of house (original homestead?) in Portion 93.	Archaeological/historical site		Regional		Regional
10	'Comet' Windmill, Portion 95.	Relic		Local		Local
11	Shearing shed and farm outbuilding, Portion 93.	Building		Local		Local
16	Fig tree, Portion 148.	Relic				
22	Possible house site, Portion 87.	Archaeological/historical site		Regional		Regional
23	Site of house, Portion 99.	Archaeological/historical site		Regional		Regional
24	Site of gunyah/hut, Portion 49.	Archaeological/historical site		Regional		Regional
26	Site of hut, Portion 124.	Archaeological/historical site		Regional		Regional
27	Site of yards, Portion 97.	Archaeological/historical site				
28	Site of house and gardens, Portion 127.	Archaeological/historical site		Regional		Regional
29	Site of well, Portion 127.			Regional		Regional
30	Site of hut, Portion 76.	Archaeological/historical site		Regional		Regional
31	Mine workings, Portion 149.	Archaeological/historical site	Regional		Regional	

Table 5.2 List of historical and archaeological sites outside the construction zone for the proposed development.

5.1.3. The requirements for the conservation of the archaeological sites.

Those sites likely to be disturbed during development or mining activity should be recorded to archival standard.

Sites of regional significance should be subject to archaeological investigation prior to disturbance or change of use.

Where moveable relics are likely to be disturbed, they should be moved to a permanent repository for all such relics. The repository should preferably be located at Cadia.

5.2. Recommendations relating to the historical and archaeological sites within the construction zone for the proposed development.

The following recommendations relate to the historical and archaeological sites within the construction zone for the proposed development (Figure M-2. Table 5.1).

It is recommended that:

1. Prior to disturbance and/or change of use, the heritage items should be recorded to archival standard.

Guidelines for archival recording were prepared by the NSW Department of Planning in 1994.¹¹

2. Prior to the commencement of works on the site, an excavation permit, under the Heritage Act of NSW, should be obtained.

The excavation permit may be obtained by a qualified archaeologist on behalf of the client. A permit may take 3-4 weeks to obtain from the Heritage Council of NSW.

3. An archaeological monitoring programme should be undertaken during development and construction.

4. Prior to disturbance, the following site should be subject to archaeological investigation and / or excavation (initially by test trenching).

Site Number	Item	Item type	Significance Historical Rare	Significance Historical Representative	Significance Scientific Rare	Significance Scientific Representative
13	Possible site of house, Portion 97.	Archaeological/historical site		Regional		Regional

5. Sufficient time and resources should be made available for the proper excavation and recording of archaeological features, discovered during the archaeological investigation.

¹¹ Department of Planning and Heritage Council of New South Wales, 1994. *NSW Heritage. How to prepare archival records of heritage items.* Sydney.

6. Where moveable relics are likely to be disturbed, they should be moved to a permanent repository for all relics recovered from the Cadia workings. The repository should preferably be located at Cadia. For example, the ship tanks and skips (Site 18) should be recovered, if they are likely to be disturbed.

5.3. Recommendations relating to the historical and archaeological sites outside the construction zone for the proposed development.

While sites remain outside the construction zone for the proposed development, no further conservation or management action need be undertaken.

If items are in future included in the construction zone of the proposed development or are subject to disturbance (including change of use), they would require the implementation of Recommendations 1-6 in Section 5.2. Those sites which should be subject to archaeological investigation and / or excavation under these circumstances include (Recommendation 4):

Site Number	Item	Item type	Significance Historical Rare	Significance Historical Representative	Significance Scientific Rare	Significance Scientific Representative
9	Site of house (original homestead?) in Portion 93.	Archaeological/historical site		Regional		Regional
23	Site of house, Portion 99.	Archaeological/historical site		Regional		Regional
24	Site of gunyah/hut, Portion 49.	Archaeological/historical site		Regional		Regional
26	Site of hut, Portion 124.	Archaeological/historical site		Regional		Regional
28	Site of house and gardens, Portion 127.	Archaeological/historical site		Regional		Regional
29	Site of well, Portion 127.			Regional		Regional
30	Site of hut, Portion 76.	Archaeological/historical site		Regional		Regional
31	Mine workings, Portion 149.	Archaeological/historical site	Regional		Regional	

APPENDIX 1. SUMMARY OF HISTORICAL TITLE SEARCH.

Prepared by Terry Kass, with additions by Edward Higginbotham and Noeleen Curran.

Title for Portions in Ridgeway Property Cadia

Surname	Trathen
Given names	John
Address of applicant	
Parish	Clarendon
Portion	49
Plan	B.1185.2009
Tenure	CP (Sec 13)
Year	76
CP number	79
Date of application	1876-08-15
LB Office	Carcoar
Area	40 acres
Improvements	30-31 January 1877; Small Hut or Gunyah £1. Road reserve.
Transferees before grant	

Title issued	28/12/1905 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 22/9/1917 William Ralston Brown, near Orange, dairyman 25/9/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Stedman
Given names	James
Address of applicant	Cadia
Parish	Clarendon
Portion	76
Plan	B.1458.2009
Tenure	ACP (Sec 21)
Year	83
CP number	36
Date of application	1883-05-10
LB Office	Orange
Area	100 acres
Improvements	17-19 June 1878; Hut and Clearing £30.
Transferees before grant	1888 W S Blood 1888 Commercial Banking Co 1891 W S Blood 1891 J. Stedman 1891 J. Holman 1893 C W Holman 1900 Commercial Banking Co of Sydney Ltd
Title issued	26/3/1907 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Grenfell
Given names	John
Address of applicant	
Parish	Clarendon
Portion	76
Plan	B.1458.2009
Tenure	CP (Sec 13)
Year	76
CP number	33
Date of application	1876-05-18
LB Office	Orange
Area	
Improvements	17-19 June 1878; Hut and Clearing £30.
Transferees before grant	Lapsed 3 Feb 1880

Title issued

Transferees after grant

Title for Portions in Ridgeway Property Cadia

Surname	Trathen
Given names	John
Address of applicant	
Parish	Clarendon
Portion	83
Plan	B.1732.2009
Tenure	CP (Sec 13)
Year	79
CP number	68
Date of application	1879-04-21
LB Office	Carcoar
Area	80 acres
Improvements	19 May 1879; Nil improvements. Road reserve.
Transferees before grant	
Title issued	24/4/1906 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Hunt
Given names	Henry
Address of applicant	
Parish	Clarendon
Portion	84
Plan	B.1736.2009
Tenure	CP (Sec 13)
Year	79
CP number	67
Date of application	1879-04-24
LB Office	Carcoar
Area	100 acres
Improvements	19 May 1879; Frame of Hut £2. Road reserve.
Transferees before grant	
Title issued	15/6/1903 Luke James Tompkin, Cadia
Transferees after grant	28/1/1916 Sarah Jane Tompkin, Cadia, widow
	28/1/1916 Mary Tynan, Cadia, widow
	6/8/1926 Leased to James Joshua Oglethorpe, Cadia, hotelkeeper
	22/7/1929 William Ralston Brown, Orange, grazier
	25/9/1929 Lionel Ralston, Cyril William and Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Trathen
Given names	John
Address of applicant	
Parish	Clarendon
Portion	85
Plan	B.1732.2009
Tenure	ACP (Sec 21)
Year	79
CP number	71
Date of application	1879-05-08
LB Office	Carcoar
Area	60 acres
Improvements	19 May 1879; Nil improvements.
Transferees before grant	
Title issued	24/4/1906 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Lambert
Given names	James
Address of applicant	
Parish	Clarendon
Portion	87
Plan	B.1690.2009
Tenure	CP (Sec 13)
Year	79
CP number	73
Date of application	1879-05-08
LB Office	Carcoar
Area	60 acres
Improvements	22 May 1879; Nil improvements.
Transferees before grant	

Title issued	15/3/1907 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Holman
Given names	Josiah
Address of applicant	Cadia
Parish	Clarendon
Portion	91
Plan	B.1836.2009
Tenure	ACP (Sec 21)
Year	79
CP number	17
Date of application	1879-04-17
LB Office	Orange
Area	100 acres
Improvements	30 September -2 October 1879; Nil improvements.
Transferees before grant	1893 S Potter 1893 J Holman 1899 W F Blood & H A E Blood 1899 H A E Blood 1900 Bank of Australasia 1905 H A E Blood 1905 C W Holman 1905 Commercial Banking Co of Sydney Ltd
Title issued	8/5/1906 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Holman
Given names	Josiah
Address of applicant	Cadia
Parish	Clarendon
Portion	92
Plan	B.1836.2009
Tenure	ACP (Sec 21)
Year	79
CP number	25
Date of application	1879-06-05
LB Office	Orange
Area	40 acres
Improvements	30 September -2 October 1879; Nil improvements.
Transferees before grant	1893 S Potter 1893 J Holman 1899 W F Blood & H A E Blood 1899 H A E Blood 1900 Bank of Australasia 1905 H A E Blood 1905 C W Holman 1905 Commercial Banking Co of Sydney Ltd
Title issued	8/5/1906 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Ferres
Given names	Andrew Nicholas
Address of applicant	Cadia
Parish	Clarendon
Portion	93
Plan	B.1835.2009
Tenure	CP (Sec 13)
Year	79
CP number	20
Date of application	1879-04-24
LB Office	Orange
Area	80 acres
Improvements	1 October 1879; Hut £25; Clearing £5; viz. £30.
Transferees before grant	1884 Commercial Banking Co of Sydney Ltd 1891 A N Ferres 1891 J Holman 1893 C W Holman 1900 Commercial Banking Co of Sydney Ltd
Title issued	28/2/1907 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Holman
Given names	Josiah
Address of applicant	Cadia
Parish	Clarendon
Portion	95
Plan	B.1998.2009
Tenure	ACP (Sec 21)
Year	80
CP number	4
Date of application	1880-04-15
LB Office	Orange
Area	80 acres
Improvements	20-21 September 1880; Nil improvements.
Transferees before grant	1893 S Potter 1893 J Holman 1899 W F Blood & H A E Blood 1899 H A E Blood 1900 Bank of Australasia 1905 C W Holman 1905 Commercial Banking Co of Sydney Ltd
Title issued	8/5/1906 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Holman
Given names	Josiah
Address of applicant	Cadia
Parish	Clarendon
Portion	96
Plan	B.1998.2009
Tenure	ACP (Sec 21)
Year	80
CP number	16
Date of application	1880-09-30
LB Office	Orange
Area	40 acres
Improvements	20-21 September 1880; Nil improvements.
Transferees before grant	1893 S Potter 1893 J Holman 1899 W F Blood & H A E Blood 1899 H A E Blood 1900 Bank of Australasia 1905 C W Holman 1905 Commercial Banking Co of Sydney Ltd
Title issued	8/5/1906 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Holman
Given names	Josiah
Address of applicant	Cadia
Parish	Clarendon
Portion	97
Plan	B.1998.2009
Tenure	ACP (Sec 21)
Year	80
CP number	18
Date of application	1880-11-11
LB Office	Orange
Area	97 acres
Improvements	30 September 1881; Fence £25; Yard £3.
Transferees before grant	1893 S Potter 1893 J Holman 1899 E M Lawson 1899 H A E Blood 1900 Bank of Australasia 1905 H A E Blood 1905 C W Holman 1905 Commercial Banking Co of Sydney Ltd
Title issued	8/5/1906 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Rothery
Given names	Barrington
Address of applicant	
Parish	Clarendon
Portion	99
Plan	B.2078.2009
Tenure	CP (Sec 13)
Year	81
CP number	48
Date of application	1881-04-28
LB Office	Carcoar
Area	561 acres 2 roods
Improvements	7 September 1881; Fence £45; House £30; Road reserve.
Transferees before grant	
Title issued	21/4/1906 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Lambert
Given names	James
Address of applicant	
Parish	Clarendon
Portion	100
Plan	B.2079.2009
Tenure	ACP (Sec 21)
Year	81
CP number	55
Date of application	1881-05-12
LB Office	Carcoar
Area	70 acres
Improvements	7 September 1881; Fence (not erected by Lambert) £4.
Transferees before grant	

Title issued	15/3/1907 Commercial Banking Co of Sydney Ltd
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Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown
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Title for Portions in Ridgeway Property Cadia

Surname	Trathen
Given names	John
Address of applicant	
Parish	Clarendon
Portion	102
Plan	B.237.2009
Tenure	ACP (Sec 21)
Year	81
CP number	60
Date of application	1881-05-19
LB Office	Carcoar
Area	40 acres
Improvements	25 May 1883; Nil improvements.
Transferees before grant	
Title issued	5/5/1906 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Patterson
Given names	William
Address of applicant	Cadia
Parish	Clarendon
Portion	124
Plan	B.2443.2009
Tenure	CP (Sec 13)
Year	82
CP number	29
Date of application	1882-10-21
LB Office	Orange
Area	100 acres
Improvements	18 March 1883; Hut £5. Road reserve.
Transferees before grant	1888 Commercial Banking Co of Sydney Ltd 1891 W Patterson 1891 J Holman 1893 C W Holman 1894 Commercial Banking Co of Sydney Ltd
Title issued	20/4/1907 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Patterson
Given names	William
Address of applicant	Cadia
Parish	Clarendon
Portion	125
Plan	B.2443.2009
Tenure	ACP (Sec 21)
Year	82
CP number	32
Date of application	1882-10-05
LB Office	Orange
Area	60 acres
Improvements	18 March 1883; Nil improvements.
Transferees before grant	1888 Commercial Banking Co of Sydney Ltd 1891 W Patterson 1891 J Holman 1893 C W Holman 1894 Commercial Banking Co of Sydney Ltd

Title issued

Transferees after grant

Title for Portions in Ridgeway Property Cadia

Surname	Patterson
Given names	William
Address of applicant	Cadia
Parish	Clarendon
Portion	126
Plan	B.2443.2009
Tenure	ACP (Sec 21)
Year	82
CP number	33
Date of application	1882-10-12
LB Office	Orange
Area	50 acres
Improvements	18 March 1883; Fence £13.
Transferees before grant	1888 Commercial Banking Co of Sydney Ltd 1891 W Patterson 1891 J Holman 1893 C W Holman 1894 Commercial Banking Co of Sydney Ltd
Title issued	20/4/1907 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Stedman
Given names	James
Address of applicant	Cadia
Parish	Clarendon
Portion	127
Plan	B.2408.2009
Tenure	CP (Sec 13)
Year	82
CP number	34
Date of application	1882-10-12
LB Office	Orange
Area	100 acres
Improvements	18 March 1883; Hut £1; Garden £2; Well £3.
Transferees before grant	1888 W S Blood 1888 Commercial Banking Co of Sydney Ltd 1891 W S Blood 1891 J Stedman 1891 J Holman 1893 C W Holman 1900 Commercial Banking Co of Sydney Ltd
Title issued	6/5/1907 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Ferres
Given names	Andrew Nicholas
Address of applicant	Cadia
Parish	Clarendon
Portion	128
Plan	B.2410.2009
Tenure	ACP (Sec 21)
Year	82
CP number	38
Date of application	1882-12-28
LB Office	Orange
Area	55 acres
Improvements	18 March 1883; Nil improvements.
Transferees before grant	1884 Commercial Banking Co of Sydney Ltd 1891 A N Ferres 1891 J Holman 1893 C W Holman 1900 Commercial Banking Co of Sydney Ltd
Title issued	28/2/1907 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Scottish Australian Mining Co Ltd
Given names	
Address of applicant	Cadia
Parish	Clarendon
Portion	134
Plan	B.2590.2009
Tenure	MCP (Sec 19)
Year	83
CP number	23
Date of application	1883-03-29
LB Office	Orange
Area	50 acres
Improvements	12 October 1883; Nil improvements.
Transferees before grant	

Title issued	22/2/1888	Scottish Australian Mining Co Ltd
Transferees after grant	10/9/1937	Lionel Ralston Brown, Orange, grazier
	17/3/1954	Walter Lyle Parish

Title for Portions in Ridgeway Property Cadia

Surname	Lambert
Given names	James
Address of applicant	
Parish	Clarendon
Portion	153
Plan	B.2773.2009
Tenure	ACP (Sec 21)
Year	84
CP number	93
Date of application	1884-08-07
LB Office	Carcoar
Area	100 acres
Improvements	6 March 1885; 12 chains top rail and 6 wires £70 per mile, £10.10.0.
Transferees before grant	

Title issued	15/3/1907 Commercial Banking Co of Sydney Ltd
Transferees after grant	30/11/1906 Theodore John Blundell, Sydney, bank officer 21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

Title for Portions in Ridgeway Property Cadia

Surname	Blundell
Given names	Theodore John
Address of applicant	
Parish	Clarendon
Portion	158
Plan	B.4277.2009
Tenure	Auction sale
Year	1910
CP number	
Date of application	1910-10-19
LB Office	Orange
Area	44 acres
Improvements	12 April 1910; Fencing 6/19/-, Ringbarking 6/12/-, viz. 13/11/-.
Transferees before grant	
Title issued	28/6/1911 Theodore John Blundell, Tunbridge Wells Cadia grazier
Transferees after grant	21/6/1917 Perpetual Trustee Co Ltd 30/8/1917 William Ralston Brown, near Orange, dairyman 8/8/1929 Lionel Ralston, Cyril William & Kenneth Ernest Brown

APPENDIX 2. INVENTORY OF ARCHAEOLOGICAL SITES.

CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	House in Portion 128.	Item type	Building
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	1
Suburb			
State	NSW	Postcode	
Group name			

Significance

The house has little or no cultural significance.

Real Description

Map reference

Recommendations

See Report.

Evaluation of significance

Historic Rare

Historic Representative

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative

Other Rare

Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name Ship tanks in Portion 128. Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange Suburb State NSW Postcode Group name	Item type Relic Number 2																														
Significance Ship tanks are occasionally found on historical and industrial sites, and are an important relic of historical transportation methods. They also reflect the typical Australian practice of recycling materials for other uses. Recommendations See Report.	Real Description Map reference Evaluation of significance <table> <tr> <td>Historic</td> <td>Rare</td> <td>Regional</td> </tr> <tr> <td>Historic</td> <td>Representative</td> <td></td> </tr> <tr> <td>Aesthetic</td> <td>Rare</td> <td></td> </tr> <tr> <td>Aesthetic</td> <td>Representative</td> <td></td> </tr> <tr> <td>Social</td> <td>Rare</td> <td></td> </tr> <tr> <td>Social</td> <td>Representative</td> <td></td> </tr> <tr> <td>Scientific</td> <td>Rare</td> <td>Regional</td> </tr> <tr> <td>Scientific</td> <td>Representative</td> <td></td> </tr> <tr> <td>Other</td> <td>Rare</td> <td></td> </tr> <tr> <td>Other</td> <td>Representative</td> <td></td> </tr> </table>	Historic	Rare	Regional	Historic	Representative		Aesthetic	Rare		Aesthetic	Representative		Social	Rare		Social	Representative		Scientific	Rare	Regional	Scientific	Representative		Other	Rare		Other	Representative	
Historic	Rare	Regional																													
Historic	Representative																														
Aesthetic	Rare																														
Aesthetic	Representative																														
Social	Rare																														
Social	Representative																														
Scientific	Rare	Regional																													
Scientific	Representative																														
Other	Rare																														
Other	Representative																														



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.
Item Name Site of former sawmill, Portion 127.

Address 'Tunbridge Wells'
 Four Mile Creek Road, near Cadia, Orange

Suburb
State NSW

Postcode
Group name
Item type Archaeological/
 historical site

Number 3

Significance

Little survives on the mill site, its presence only recorded by oral evidence. The site has little potential to reveal information on the timber milling industry.

Real Description
Map reference
Recommendations

See Report.

Evaluation of significance
Historic Rare
Historic Representative
Aesthetic Rare
Aesthetic Representative
Social Rare
Social Representative
Scientific Rare
Scientific Representative
Other Rare
Other Representative


CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name Site of original woolshed, Portion 127. Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange Suburb State NSW Postcode Group name	Item type Archaeological/historical site Number 4
Significance Little survives on the site, its presence only recorded by oral evidence. The site has little potential to reveal information on the pastoral industry. Recommendations See Report.	Real Description Map reference
	Evaluation of significance Historic Rare Historic Representative Aesthetic Rare Aesthetic Representative Social Rare Social Representative Scientific Rare Scientific Representative Other Rare Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.

Client: Resource Strategies Pty Ltd.

<div><div>Item Name</div><div>Address</div><div>Suburb</div><div>State</div><div>Postcode</div><div>Group name</div></div> <div>Shearers Quarters, Portion 93. 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange NSW </div>	<div><div>Item type</div><div>Building Number</div></div> <div><div></div><div>5</div></div>
<div><div>Significance</div><div>The house has little or no cultural significance.</div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></di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CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name House 1 in Portion 93. Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange Suburb State NSW Postcode Group name	Item type Building Number 6
Significance The house has little or no cultural significance. Recommendations See Report.	Real Description Map reference Evaluation of significance Historic Rare Historic Representative Aesthetic Rare Aesthetic Representative Social Rare Social Representative Scientific Rare Scientific Representative Other Rare Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name House 2 in Portion 93. Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange Suburb State NSW Postcode Group name	Item type Building Number 7
Significance The house has little or no cultural significance. Recommendations See Report.	Real Description Map reference
	Evaluation of significance Historic Rare Historic Representative Aesthetic Rare Aesthetic Representative Social Rare Social Representative Scientific Rare Scientific Representative Other Rare Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Ship tanks in Portion 93. Name Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange Suburb State NSW Postcode Group name	Item type Relic Number 8
Significance Ship tanks are occasionally found on historical and industrial sites, and are an important relic of historical transportation methods. They also reflect the typical Australian practice of recycling materials for other uses. Recommendations See Report.	Real Description Map reference Evaluation of significance Historic Rare Regional Historic Representative Aesthetic Rare Aesthetic Representative Social Rare Social Representative Scientific Rare Regional Scientific Representative Other Rare Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name Address Suburb State Postcode Group name	Site of house (original homestead?) in Portion 93. 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange NSW 	Item type Number 	Archaeological/historical site 9
Significance The original site of the shearer's quarters (see Site 5). The original homestead site is a typical feature of the historical rural landscape, with potential to reveal information on rural settlement.		Real Description Map reference	
Recommendations See Report.		Evaluation of significance Historic Rare Historic Representative Regional Aesthetic Rare Aesthetic Representative Social Rare Social Representative Scientific Rare Scientific Representative Regional Other Rare Other Representative	



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.

Client: Resource Strategies Pty Ltd.

<p>Item Name 'Comet' Windmill, Portion 95.</p> <p>Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange</p> <p>Suburb</p> <p>State NSW Postcode</p> <p>Group name</p>	<p>Item type</p> <p>Number 10</p>
<p>Significance</p> <p>Windmill, surviving in good condition, typical of the historical agricultural and pastoral landscape.</p> <p>Recommendations</p> <p>See Report.</p>	<p>Real Description</p> <p>Map reference</p>
	<p>Evaluation of significance</p> <p>Historic Rare</p> <p>Historic Representative Local</p> <p>Aesthetic Rare</p> <p>Aesthetic Representative</p> <p>Social Rare</p> <p>Social Representative</p> <p>Scientific Rare</p> <p>Scientific Representative Local</p> <p>Other Rare</p> <p>Other Representative</p>



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.
Item Shearing shed and farm outbuilding, Portion 93.

Name
Address 'Tunbridge Wells'
Four Mile Creek Road, near Cadia, Orange

Suburb
State NSW

Postcode
Group name
Item type
Building
Number
11
Significance

These buildings, which survive in good condition, are typical of the historical pastoral landscape.

Real Description
Map reference
Recommendations

See Report.

Evaluation of significance
Historic Rare
Historic Representative Local

Aesthetic Rare
Aesthetic Representative
Social Rare
Social Representative
Scientific Rare
Scientific Representative Local

Other Rare
Other Representative


CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.

Client: Resource Strategies Pty Ltd.

<p>Item Name Possible site of house, Portion 147.</p> <p>Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange</p> <p>Suburb</p> <p>State NSW Postcode</p> <p>Group name</p>	<p>Item type Archaeological/historical site</p> <p>Number 12</p>
<p>Significance</p> <p>This house site was recovered only through oral evidence and is unlikely to contribute to our understanding of rural settlement.</p> <p>Recommendations</p> <p>See Report.</p>	<p>Real Description</p> <p>Map reference</p>
	<p>Evaluation of significance</p> <p>Historic Rare</p> <p>Historic Representative</p> <p>Aesthetic Rare</p> <p>Aesthetic Representative</p> <p>Social Rare</p> <p>Social Representative</p> <p>Scientific Rare</p> <p>Scientific Representative</p> <p>Other Rare</p> <p>Other Representative</p>



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.
Item Possible site of house, Portion 97.

Name
Address 'Tunbridge Wells'
Four Mile Creek Road, near Cadia, Orange

Suburb
State NSW

Postcode
Group name
Item type Archaeological/
historical site

Number 13

Significance

Typical feature of the historical rural landscape, with potential to reveal information on rural settlement.

Real Description
Map reference
Recommendations

See Report.

Evaluation of significance
Historic Rare
Historic Representative Regional

Aesthetic Rare
Aesthetic Representative
Social Rare
Social Representative
Scientific Rare
Scientific Representative Regional

Other Rare
Other Representative


CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.**Client: Resource Strategies Pty Ltd.**

Item Name Possible site of stockyards, Portion 147. Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange Suburb State NSW Postcode Group name	Item type Archaeological/historical site Number 14
Significance Typical improvement associated with historical rural settlement. Recommendations See Report.	Real Description Map reference Evaluation of significance Historic Rare Historic Representative Local Aesthetic Rare Aesthetic Representative Social Rare Social Representative Scientific Rare Scientific Representative Local Other Rare Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Windbreak, Portions 147 and 148.	Item type	Archaeological/historical site
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	15
Suburb			
State	NSW	Postcode	
Group name			

Significance

An unusual feature of the rural landscape, but of recent date (post 1954).

Real Description

Map reference

Recommendations

See Report.

Evaluation of significance

Historic Rare

Historic Representative

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative

Other Rare

Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Fig tree, Portion 148.	Item type	Relic
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	16
Suburb			
State	NSW	Postcode	
Group name			

Significance

Typical element of the historical rural landscape, but unlikely in this case to represent a house site.

Real Description

Map reference

Recommendations

See Report.

Evaluation of significance

Historic Rare

Historic Representative

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative

Other Rare

Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.
Item Site of former post and rail stockyards, Portion 149.

Name
Address 'Tunbridge Wells'
Four Mile Creek Road, near Cadia, Orange

Suburb
State NSW

Postcode
Group name
Item type Archaeological/
historical site

Number 17

Significance

The site possesses little or no cultural significance.

Real Description
Map reference
Recommendations

See Report.

Evaluation of significance
Historic Rare
Historic Representative
Aesthetic Rare
Aesthetic Representative
Social Rare
Social Representative
Scientific Rare
Scientific Representative
Other Rare
Other Representative


CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Hut 1 on Portion 149.	Item type	Building
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	18
Suburb			
State	NSW	Postcode	
Group name			

Significance

The hut itself is of no cultural significance.

The iron skips are an important historical relics from the Iron Duke Mine.

Real Description**Map reference****Recommendations**

See Report.

Evaluation of significance

Historic Rare Regional

Historic Representative

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare Regional

Scientific Representative

Other Rare

Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name Hut 2 in Portion 149. Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange Suburb State NSW Postcode Group name	Item type Building Number 19
Significance The hut has no cultural significance and is of recent date. Recommendations See Report.	Real Description Map reference Evaluation of significance Historic Rare Historic Representative Aesthetic Rare Aesthetic Representative Social Rare Social Representative Scientific Rare Scientific Representative Other Rare Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Series of agricultural dams, Devil's Hole in Portion 84.	Item type	Archaeological/historical site
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	20
Suburb			
State	NSW	Postcode	
Group name			

Significance An unusual feature of the historical rural landscape.	Real Description Map reference																																								
Recommendations See Report.	Evaluation of significance <table><tr><td></td><td>Historic</td><td>Rare</td><td>Local</td></tr><tr><td>Historic</td><td colspan="3">Representative</td></tr><tr><td></td><td>Aesthetic</td><td>Rare</td><td></td></tr><tr><td>Aesthetic</td><td colspan="3">Representative</td></tr><tr><td></td><td>Social</td><td>Rare</td><td></td></tr><tr><td>Social</td><td colspan="3">Representative</td></tr><tr><td></td><td>Scientific</td><td>Rare</td><td>Local</td></tr><tr><td>Scientific</td><td colspan="3">Representative</td></tr><tr><td></td><td>Other</td><td>Rare</td><td></td></tr><tr><td>Other</td><td colspan="3">Representative</td></tr></table>		Historic	Rare	Local	Historic	Representative				Aesthetic	Rare		Aesthetic	Representative				Social	Rare		Social	Representative				Scientific	Rare	Local	Scientific	Representative				Other	Rare		Other	Representative		
	Historic	Rare	Local																																						
Historic	Representative																																								
	Aesthetic	Rare																																							
Aesthetic	Representative																																								
	Social	Rare																																							
Social	Representative																																								
	Scientific	Rare	Local																																						
Scientific	Representative																																								
	Other	Rare																																							
Other	Representative																																								



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Possible site of slaughterhouse, Portion 84.
Name
Address 'Tunbridge Wells'
 Four Mile Creek Road, near Cadia, Orange
Suburb
State NSW **Postcode**
Group name

Item type **Archaeological/
historical site**
Number **21**

Significance

Typical feature of the historical rural landscape, with potential to reveal information on rural settlement.

Real Description**Map reference****Recommendations**

See Report.

Evaluation of significance**Historic Rare****Historic Representative** Regional**Aesthetic Rare****Aesthetic Representative****Social Rare****Social Representative****Scientific Rare****Scientific Representative** Regional**Other Rare****Other Representative**

CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Possible house site, Portion 87.	Item type	Archaeological/historical site
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	22
Suburb			
State	NSW	Postcode	
Group name			

Significance

Typical feature of the historical rural landscape, with potential to reveal information on rural settlement.

Real Description

Map reference

Evaluation of significance

Historic Rare

Historic Representative Regional

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative Regional

Other Rare

Other Representative

Recommendations

See Report.



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.

Client: Resource Strategies Pty Ltd.

<p>Item Name Site of house, Portion 99.</p> <p>Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange</p> <p>Suburb</p> <p>State NSW Postcode</p> <p>Group name</p>	<p>Item type Archaeological/historical site</p> <p>Number 23</p>
<p>Significance</p> <p>Typical feature of the historical rural landscape, with potential to reveal information on rural settlement.</p> <p>Recommendations</p> <p>See Report.</p>	<p>Real Description</p> <p>Map reference</p>
	<p>Evaluation of significance</p> <p>Historic Rare</p> <p>Historic Representative Regional</p> <p>Aesthetic Rare</p> <p>Aesthetic Representative</p> <p>Social Rare</p> <p>Social Representative</p> <p>Scientific Rare</p> <p>Scientific Representative Regional</p> <p>Other Rare</p> <p>Other Representative</p>



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Site of gunyah/ hut, Portion 49.	Item type	Archaeological/ historical site
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	24
Suburb			
State	NSW	Postcode	
Group name			

Significance

Typical feature of the historical rural landscape, with potential to reveal information on rural settlement.

Real Description

Map reference

Recommendations

See Report.

Evaluation of significance

Historic Rare

Historic Representative Regional

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative Regional

Other Rare

Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Road reserve and telegraph line.	Item type	Other work
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	25
Suburb			
State	NSW -	Postcode	
Group name			

Significance

The former road alignment and telegraph line indicate the historical importance of this communication route.

Real Description**Map reference****Recommendations**

See Report.

Evaluation of significance

Historic Rare

Historic Representative Local

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative

Other Rare

Other Representative



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.

Client: Resource Strategies Pty Ltd.

<p>Item Name Site of hut, Portion 124.</p> <p>Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange</p> <p>Suburb</p> <p>State NSW Postcode</p> <p>Group name</p>	<p>Item type Archaeological/historical site</p> <p>Number 26</p>
<p>Significance</p> <p>Typical feature of the historical rural landscape, with potential to reveal information on rural settlement.</p> <p>Recommendations</p> <p>See Report.</p>	<p>Real Description</p> <p>Map reference</p>
	<p>Evaluation of significance</p> <p>Historic Rare</p> <p>Historic Representative Regional</p> <p>Aesthetic Rare</p> <p>Aesthetic Representative</p> <p>Social Rare</p> <p>Social Representative</p> <p>Scientific Rare</p> <p>Scientific Representative Regional</p> <p>Other Rare</p> <p>Other Representative</p>



CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Site of yards, Portion 97.	Item type	Archaeological/ historical site
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	27
Suburb			
State	NSW	Postcode	
Group name			

Significance

The site possesses little or no cultural significance.

Real Description

Map reference

Recommendations

See Report.

Evaluation of significance

Historic Rare

Historic Representative

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative

Other Rare

Other Representative

CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Site of house and gardens, Portion 127.	Item type	Archaeological/historical site
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	28
Suburb			
State	NSW	Postcode	
Group name			

Significance

Typical feature of the historical rural landscape, with potential to reveal information on rural settlement.

Real Description**Map reference****Evaluation of significance****Historic Rare****Historic Representative** Regional**Aesthetic Rare****Aesthetic Representative****Social Rare****Social Representative****Scientific Rare****Scientific Representative** Regional**Other Rare****Other Representative****Recommendations**

See Report.

CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item	Site of well, Portion 127.	Item type	
Name			
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	29
Suburb			
State	NSW	Postcode	
Group name			

Significance

Typical feature of the historical rural landscape, with potential to reveal information on rural settlement.

Real Description**Map reference****Evaluation of significance****Historic Rare****Historic Representative** Regional**Aesthetic Rare****Aesthetic Representative****Social Rare****Social Representative****Scientific Rare****Scientific Representative** Regional**Other Rare****Other Representative****Recommendations**

See Report.

CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Site of hut, Portion 76.	Item type	Archaeological/historical site
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	30
Suburb			
State	NSW	Postcode	
Group name			

Significance

Typical feature of the historical rural landscape, with potential to reveal information on rural settlement.

Real Description**Map reference****Evaluation of significance****Historic Rare****Historic Representative** Regional**Aesthetic Rare****Aesthetic Representative****Social Rare****Social Representative****Scientific Rare****Scientific Representative** Regional**Other Rare****Other Representative****Recommendations**

See Report.

CADIA-RIDGEWAY PROJECT. ARCHAEOLOGICAL ASSESSMENT.
Client: Resource Strategies Pty Ltd.

Item Name	Mine workings, Portion 149.	Item type	Archaeological/historical site
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	31
Suburb			
State	NSW	Postcode	
Group name			

Significance

The mine workings associated with the Cadia Engine House and other mining indicate the extensive nature of mining and exploration of the copper lodes at Cadia.

Real Description**Map reference****Recommendations**

See Report.

Evaluation of significance

Historic Rare Regional

Historic Representative

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare Regional

Scientific Representative

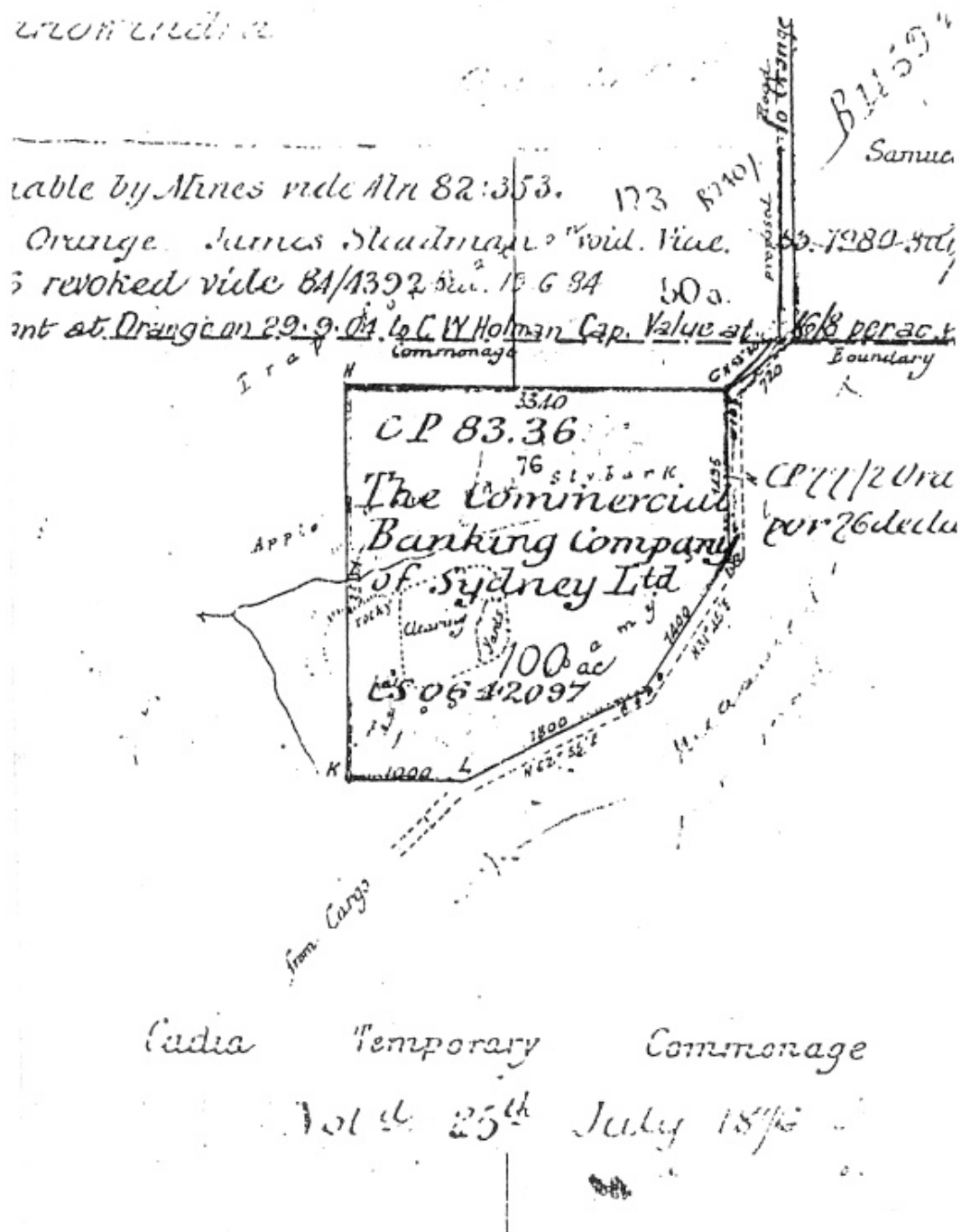
Other Rare

Other Representative

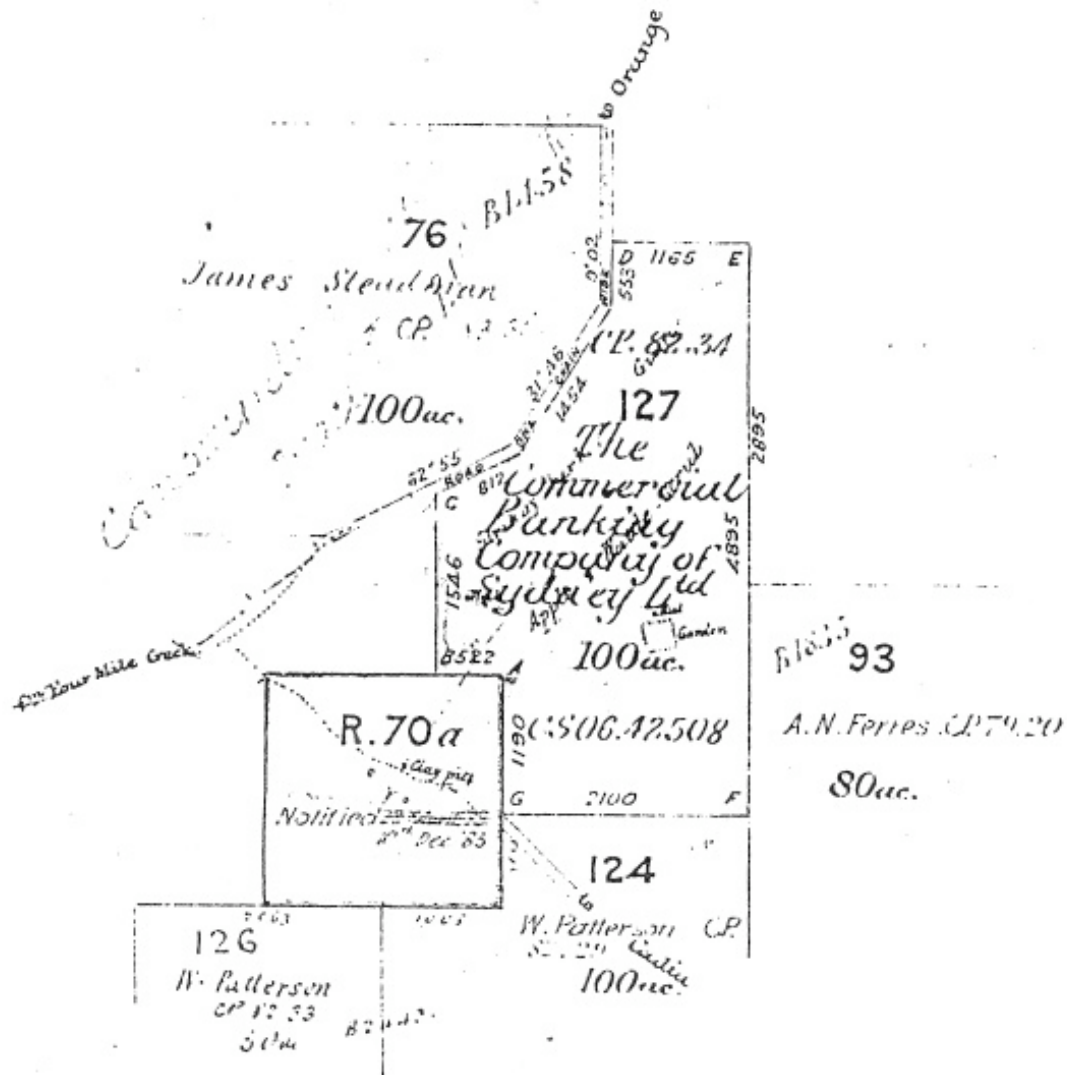


APPENDIX 3. HISTORICAL PLANS.

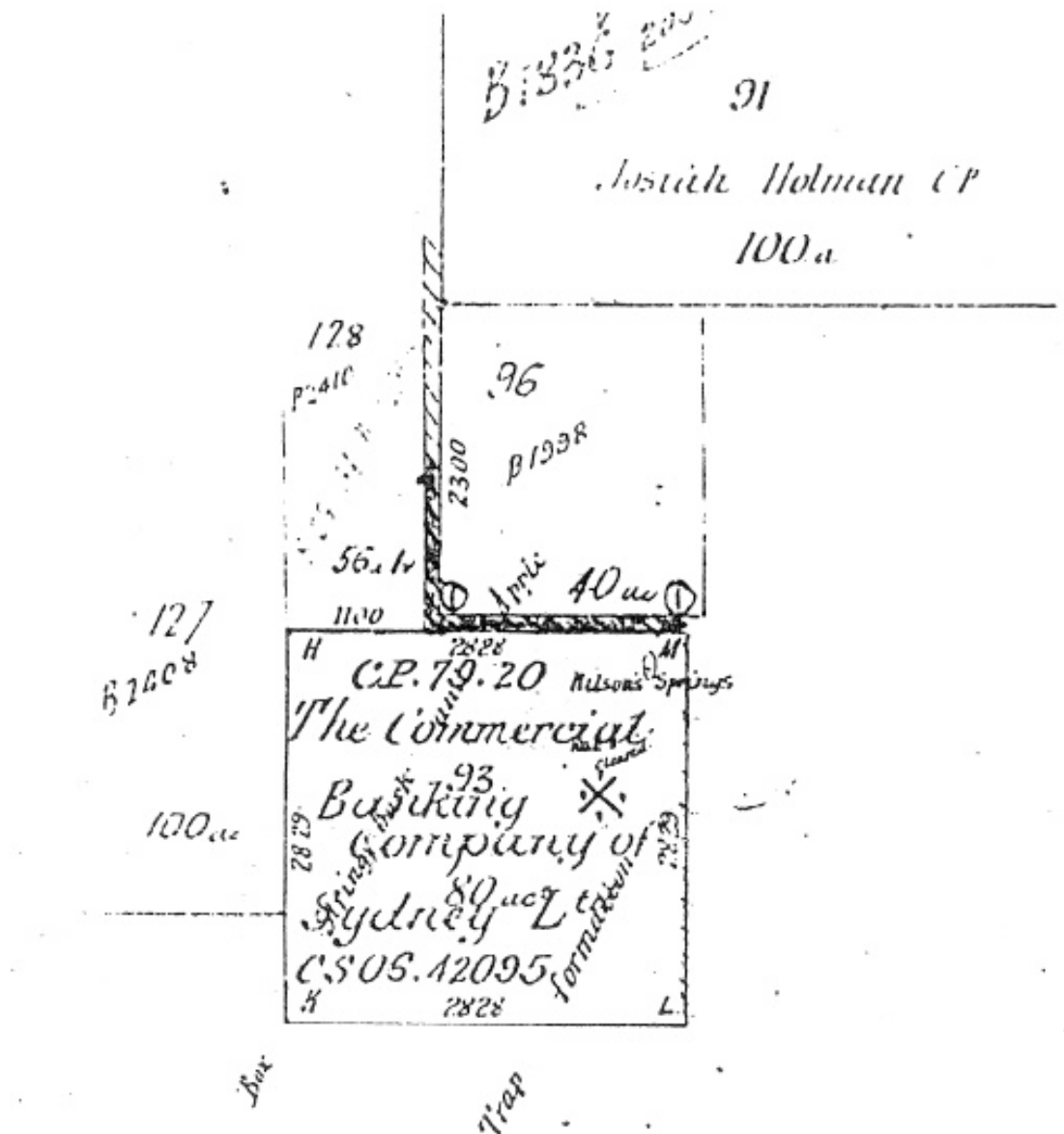
Portion plans are provided in numerical order, followed by historical plans and sections of the Cadia Mines.



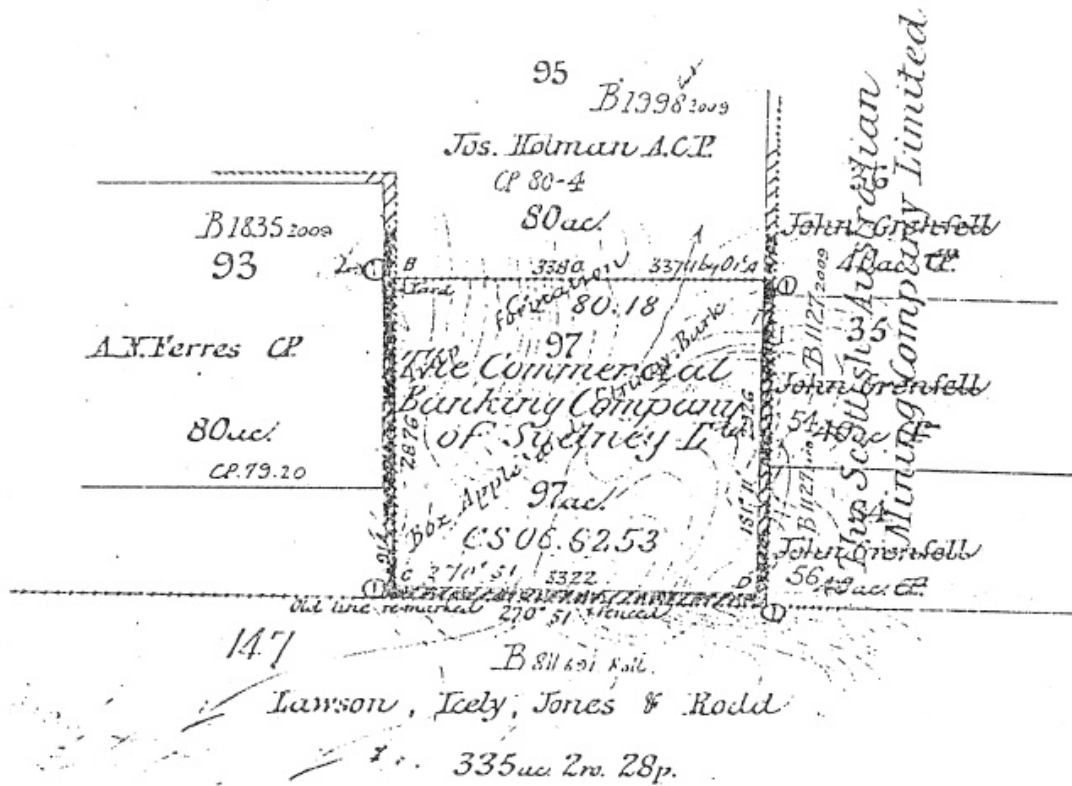
Plan of Portion 76, showing improvements including hut and clearing with yards (B.1458.2009, LTO).



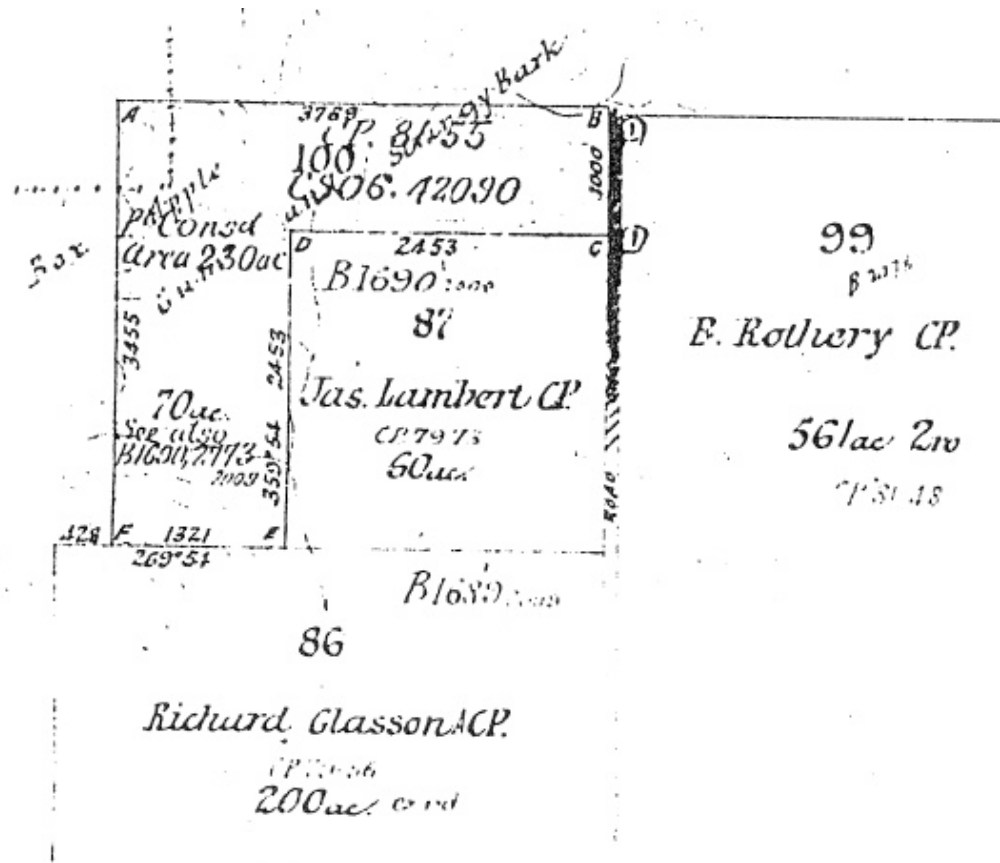
Plan of Portion 127, showing improvements including hut, garden and well (B.2408.2009, LTO).



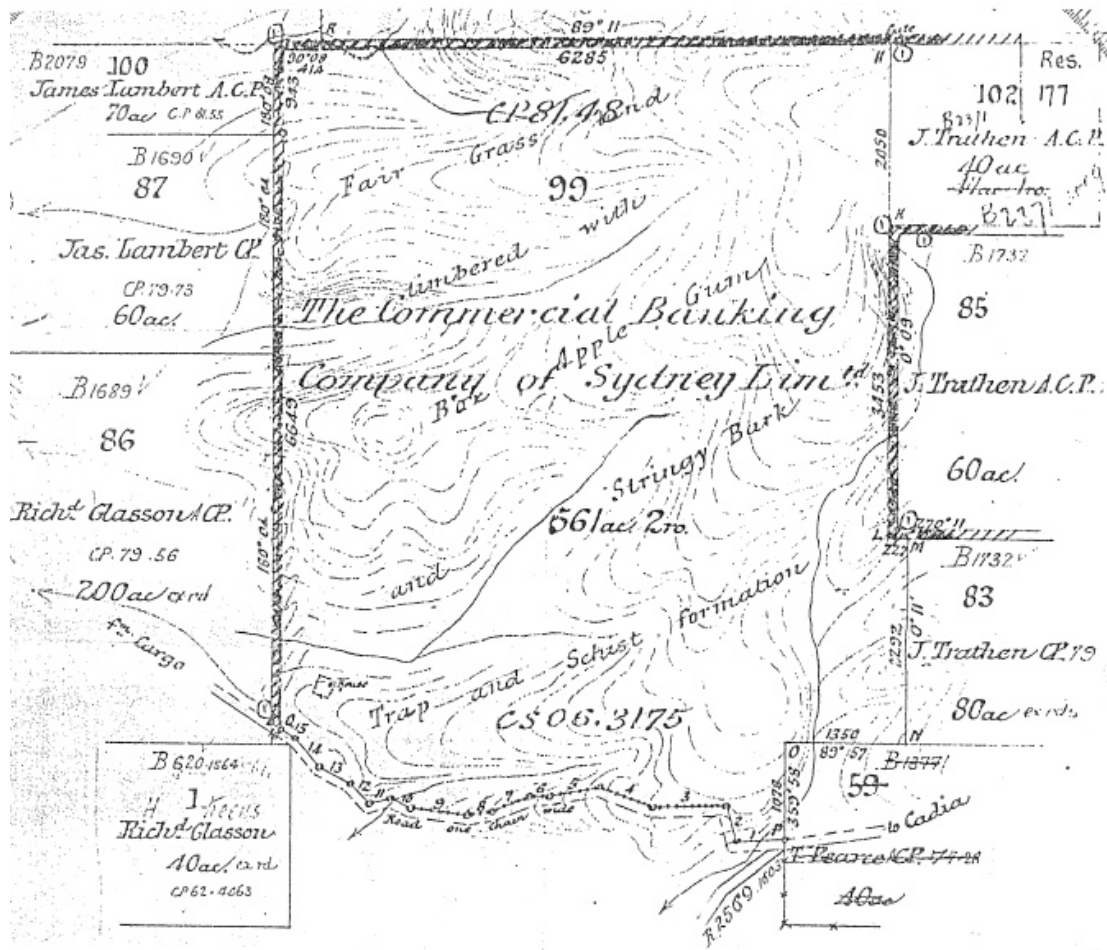
Plan of Portion 93, showing improvements including hut and clearing (B.1835.2009, LTO).



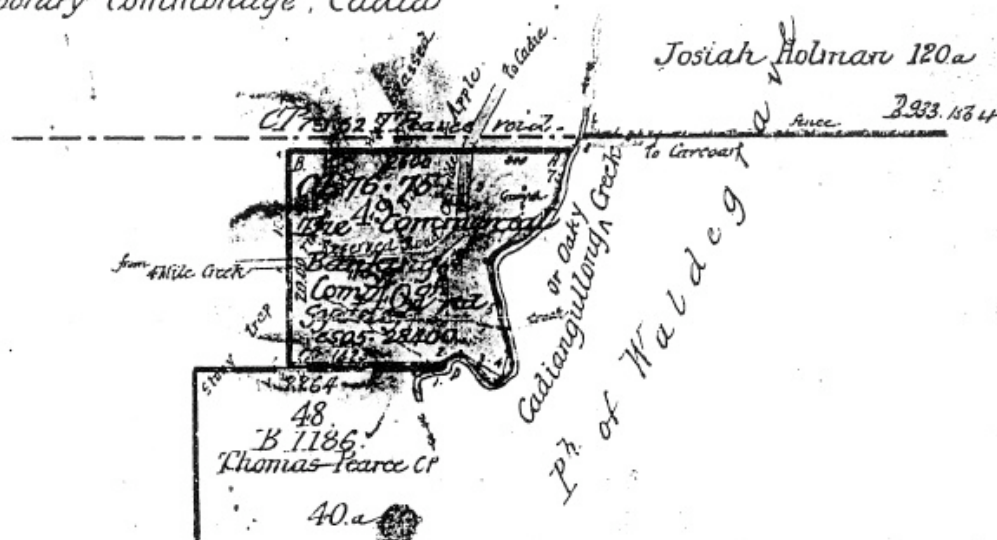
Plan of Portion 97, showing improvements including fence and yards (B.2077.2009, LTO).



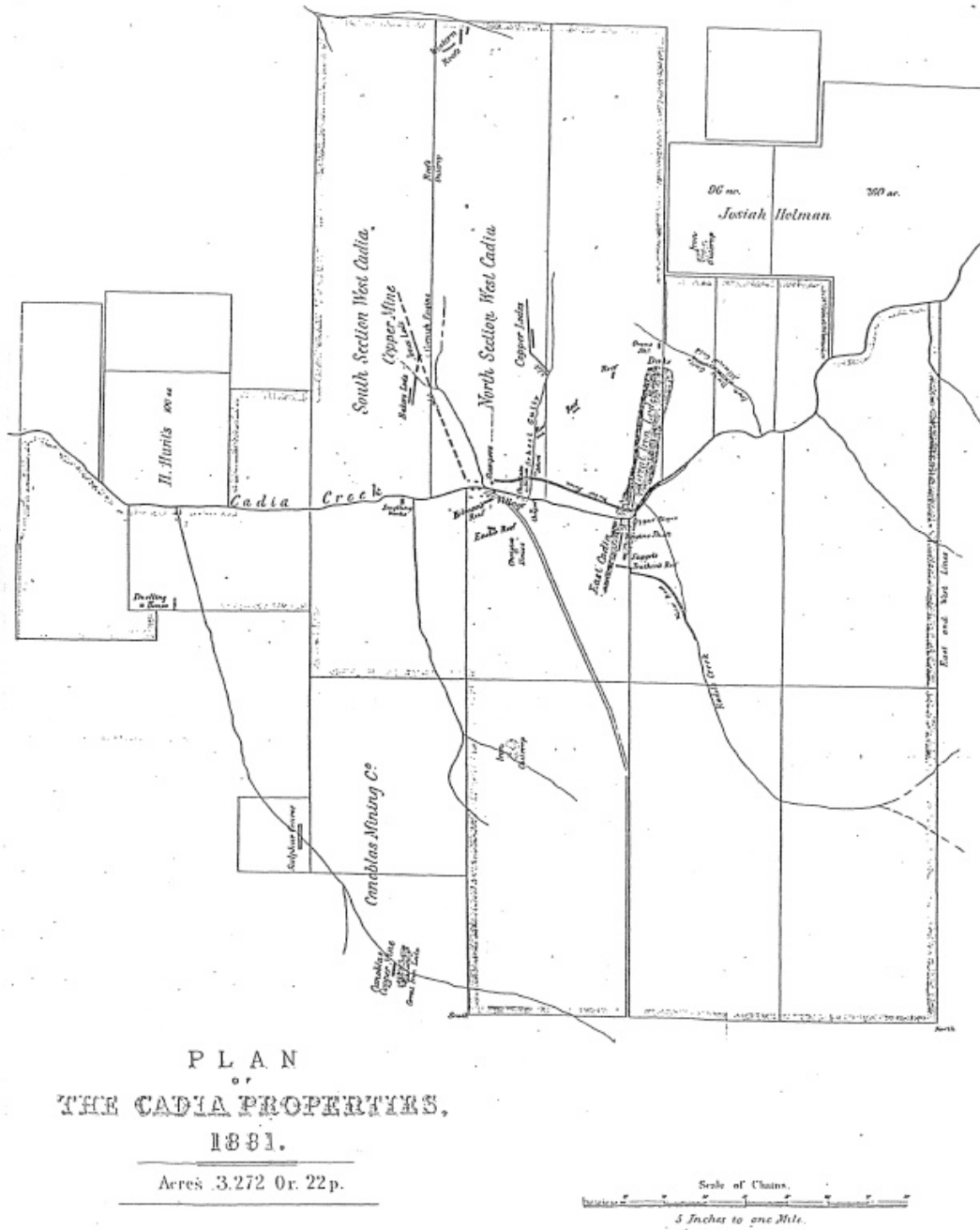
Plan of Portion 100, showing improvements including fence (B.2079.2009, LTO).



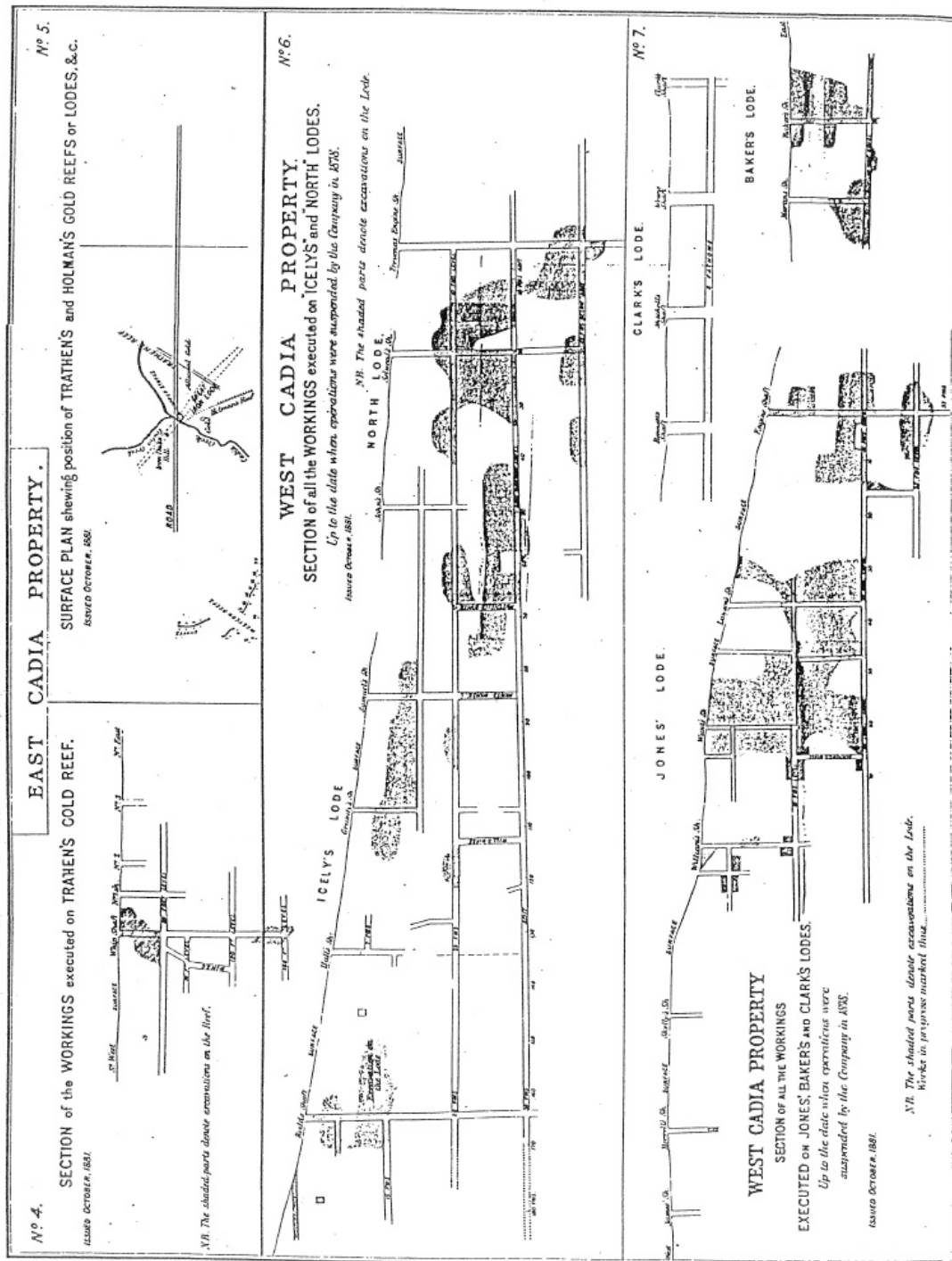
Plan of Portion 99, showing improvements including fence and house (B.2078.2009, LTO).



Plan of Portion 49, showing improvements including hut or gunyah (B.1185.2009, LTO).



Plan showing the holdings of the Scottish Australasian Mining Company Limited at Cadia, 1881. The extent of the South Section West Cadia Copper Mine and its underground workings are clearly shown, as are contemporary workings and other features of Cadia (Scottish Australasian Mining Company Limited. Annual Reports).



Sections of the underground workings of the Scottish Australasian Mining Company Limited at Cadia, 1878-1881. Jones' and Baker's Lodes are associated with the Cadia Engine House (Scottish Australasian Mining Company Limited. Annual Reports).