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

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## EDWARD HIGGINBOTHAM & ASSOCIATES PTY LTD.

Archaeology • History • & Heritage

A.B.N. 79 072 316 968

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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:

<sup>&</sup>lt;sup>1</sup> 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.<sup>2</sup>

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.

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*.

<sup>&</sup>lt;sup>2</sup> Heritage Office and Department of Urban Affairs and Planning. 1996. *NSW Heritage Manual*.

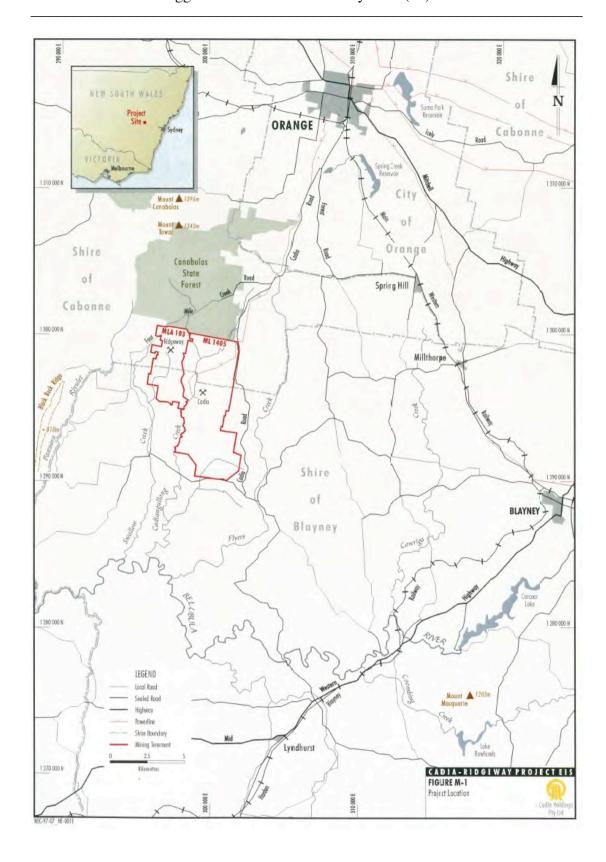


Figure M-1 Location plan of the subject site, MLA 103 ('Tunbridge Wells'), near Orange.



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.

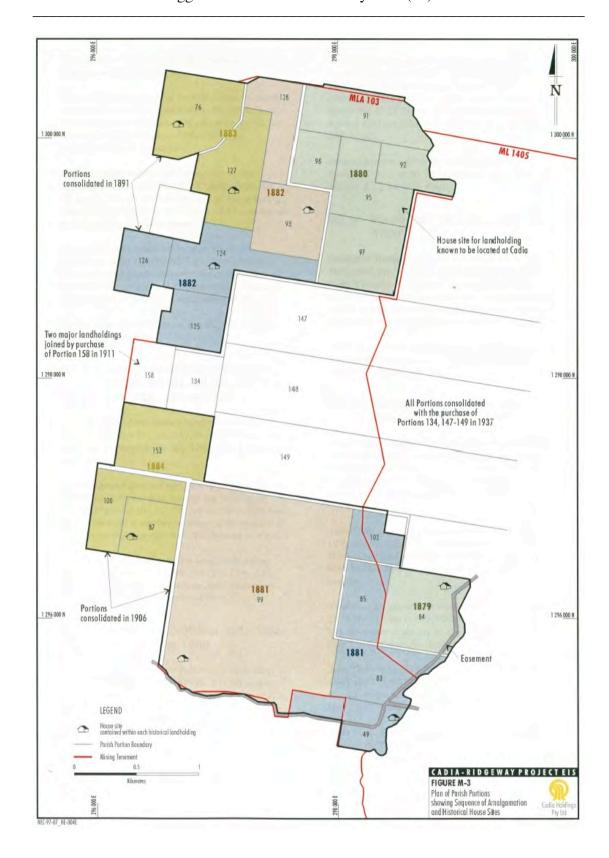


Figure M-3. Distribution of Parish Portions within the subject site.

#### 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).

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#### 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.<sup>3</sup>

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.<sup>4</sup>

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).

<sup>4</sup> Vol. 175. Fol. 108; Vol. 4370. Fol. 102; Vol. 4677. Fol. 84. LTO.

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<sup>&</sup>lt;sup>3</sup> Appn. 2120: Vol. 86. Fol. 137; Vol. 113. Fol. 29. LTO.

Portion number **Improvements** Date range Owner (date of government survey) 1876 - 1906? 49 Small hut, 1877 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'.<sup>5</sup> 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.<sup>6</sup> 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).

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<sup>&</sup>lt;sup>5</sup> Personal Communication, Graham Brown, May 1998.

<sup>&</sup>lt;sup>6</sup> 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	Item	Item type		
Number				
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	Archaeological/ historical site
	127.	
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'.<sup>7</sup>

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

<sup>&</sup>lt;sup>7</sup> 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.

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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.<sup>8</sup>

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.

<sup>&</sup>lt;sup>8</sup> Pearson, M. 'From Ship to the Bush: Ship Tanks in Australia', *Australasian 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*..<sup>9</sup> 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.

<sup>&</sup>lt;sup>9</sup> Heritage Office and Department of Urban Affairs and Planning. 1996.
NSW 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.<sup>10</sup>

#### 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

<sup>&</sup>lt;sup>10</sup> 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.

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#### 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	Significanc e Historical Rare	Significance Historical Representati ve	Significanc e Scientific Rare	Significance Scientific Representati ve
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				

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Site Number	Item	Item type	Significanc e Historical Rare	Significance Historical Representati ve	Significanc e Scientific Rare	Significance Scientific Representati ve
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	Significanc e Historical Rare	Significance Historical Representati ve	Significanc e Scientific Rare	Significance Scientific Representati ve
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	Significanc e Historical Rare	Significance Historical Representati ve	Significanc e Scientific Rare	Significance Scientific Representati ve
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	Significanc e Historical Rare	Significance Historical Representati ve	Significanc e Scientific Rare	Significance Scientific Representati ve
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
permanent repository for all such relics. The repository should preferably be locate at Cadia.
at Caulai

## 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.<sup>11</sup>

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	Significanc e Historical Rare	Significance Historical Representati ve	Significanc e Scientific Rare	Significance Scientific Representati ve
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.

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

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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	Significanc e Historical Rare	Significance Historical Representati ve	Significanc e Scientific Rare	Significance Scientific Representati ve
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	

# Edward Higginbotham & Associates Pty Ltd. (02) 9716-5154. 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Surname

Patterson

Given names

William

Address of applicant Cadia

Clarendon Parish

125 Portion

> B.2443.2009 Plan

ACP (Sec 21) Tenure

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

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

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

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

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

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

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

APPENDIX 2.	. INVENTORY OF ARCHAEOLOGICAL SITES.	

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

Item House in Portion 128. Item type Building

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Suburb

State NSW Postcode

Group name

Significance

The house has little or no cultural significance.

Real Description

Map reference

**Evaluation of significance** 

1

Historic Rare

Number

Historic Representative

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative

Other Rare

Other Representative

### Recommendations

See Report.



Item House in Portion 128.	Item type	Building
Name		
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	1
Suburb		
7.00.000		
Group name		
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.	
Date of survey May 1998	See report.	
Date amended		
Category Building	External materials	
Sub category		
Description		
Single storey house, constructed of dry pressed brick, with a double garage addition to the rear and a hipped roof of terracotta tile. A modern galvanised iron awning surrounds the northern and western aspects, as well as a similar awning to the south of the building between the house, garage and tankstand.		
The water tank is mounted on a timber framed tankstand, enclosed at its base by timber weatherboard and a corrugated iron roof.	Internal materials	
Exotic plantings surround the house.		
Modification	Style	
History The house was constructed in the 1940's (Personal communication, Graham Brown, May 1998).	Historical Themes -  Historical Themes -	
	Sources	
Architect		
Builder		
Period		
Date		

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

Item Ship tanks in Portion 128. Item type Relic

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Number

2

Suburb

State NSW Postcode

Group name

### 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.

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

#### Recommendations

See Report.



Item Ship tanks in Portion 128.	Item type Relic
Name  Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 2
Suburb State NSW Postcode Group name	
Surveyor Edward Higginbotham & Noeleen Curran  Date of survey May 1998  Date amended	Heritage listings. See report.
Category <sup>Relic</sup> Sub category	External materials
Description  Three ship tanks are situated outside the house yard (site 1). Each tank has been modified and now holds firewood. Constructed of mild steel (or wrought iron before the 1870s), about 4 feet (122-123 cm) square, with rounded riveted seams on all edges and a single circular hole or filling port of between one and two feet (30 and 60 cm) diameter located centrally or to one side of one face of the cube, and reinforced by a steel lip with stepped wedges around its edge.  Inscription: F. BRABY & CO. LTD LONDON.	Internal materials
Modification	Style
	Historical Themes - State
History See report.	Historical Themes - Local
	Sources
Architect Builder Period Date	

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

Site of former sawmill, Portion 127. Item

Name

'Tunbridge Wells' **Address** 

Four Mile Creek Road, near Cadia, Orange

Suburb

NSW State **Postcode** 

Group name

## **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.

Recommendations

See Report.

Archaeological/ Item type historical site

3

Number

**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



Item Site of former sawmill, Portion 127.  Name	Item type Archaeological/ historical site
Address 'Tunbridge Wells'	Number 3
Four Mile Creek Road, near Cadia, Orange	
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
Site located northwest of mill paddock dam.	
Two sections of tramline amidst timber slabs may indicate remnants of former structures.	
	Internal materials
	Style
Modification	
	Historical Themes - State
	Historical Themes - Local
History	The control of the co
Its presence only recorded by oral evidence (Personal communication, Graham	
Brown, May 1998).	
	Sources
Architect	
Builder	
Period	
Date	

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

Site of original woolshed, Portion 127. Item

Name

'Tunbridge Wells' **Address** 

Four Mile Creek Road, near Cadia, Orange

Suburb

NSW State **Postcode** 

Group name

### 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.

Archaeological/ Item type historical site

Number

4

**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



Item Site of original woolshed, Portion 127.  Name	Item type Archaeological/ historical site
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 4
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
Located at southwest corner of mill paddock dam.	
Sheep dip and holding pens situated north of exotic plantings.	
Exotic plantings include 8 London Plane trees and 1 ash tree.	Internal materials
	internal materials
	Style
Modification	31,10
	Historical Themes - State
	Historical Themes - Local
Hiotory	Historical Themes - Local
History  Its presence only recorded by oral evidence (Personal communication, Graham	
Brown, May 1998).	
	Sources
Architect	
Builder	
Period	
Date	

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

Item Shearers Quarters, Portion 93.

Item type Building

5

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Number

Suburb

State NSW Postcode

Group name

### Significance

The house has little or no cultural significance.

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

#### Recommendations

See Report.



Item Shearers Quarters, Portion 93.	Item type	Building
Name		
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	5
Suburb		
State NSW Postcode		
Group name		
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings	-
Date of survey May 1998	See report.	
Date amended		
Category	External materials	
Sub category		
	_	
<b>Description</b> Single storey, timber framed cottage on concrete and dry pressed brick footings. Walls and roof clad with corrugated iron. Hipped roof.		
	Internal materials	
Modification	Style	
	Historical Themes	- State
<b>History</b> Building relocated from vicinity of Site 9 (Personal communication, Graham Brown,	Historical Themes	· Local
May 1998).	Sources	
Architect		
Builder		
Period		
Date		

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

Item House 1 in Portion 93. Item type Building

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange Number

Suburb

State NSW Postcode

Group name

Significance

The house has little or no cultural significance.

Real Description

Map reference

**Evaluation of significance** 

6

Historic Rare

Historic Representative

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative

Other Rare

Other Representative

#### Recommendations

See Report.



	<u> </u>
Item House 1 in Portion 93.	Item type Building
Name	
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 6
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
Single storey, timber framed and fibro building with hipped roof of corrugated iron.	
Exotic plantings surround the building within the house yard.	
	Internal materials
	Style
Modification	
	Historical Themes - State
	Historical Themes - Local
History	
	Sources
Architect	
Builder	
Period	
Date	

Item House 2 in Portion 93. Item type Building

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

, , ,

Suburb

State NSW Postcode

Group name

Significance

The house has little or no cultural significance.

Real Description

Map reference

**Evaluation of significance** 

7

Historic Rare

Number

Historic Representative

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative

Other Rare

Other Representative





	Hauss 2 in Parties 02	5 ""
Item 	House 2 in Portion 93.	Item type Building
Name	Trushvides Mellal	Number 7
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 7
Suburb		
State	NSW Postcode	
Group name		
	or Edward Higginbotham & Noeleen Curran	Heritage listings.
Surveyo	•	See report.
Date of surve	•	Coo Toponi.
		External materials
Catego		External materials
Sub categor Description	' ' '	
	aber framed fibro building on dry pressed brick footings, with hipped d iron.	
Exotic plantings s	surround the building within the house yard.	
		Internal materials
		Style
Modification		
		Historical Themes - State
		Historical Themes - Local
History		
		Sources
Architect		
Builder		
Period		
Date		

Item Ship tanks in Portion 93.

Item type

Relic

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Number

8

Suburb

State NSW Postcode

Group name

### **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.

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

#### Recommendations



Item Ship tanks in Portion 93.	It	tem type	Relic
Name			
Address 'Tunbridge Wells'		Number	8
Four Mile Creek Road, near Cadia,	Orange		
Suburb			
	Postcode		
	ostcode		
Group name			
Surveyor Edward Higginbotham & Noeled	en Curran H	leritage lis	stings.
Date of survey May 1998	Se	ee report.	
Date amended			
Category	F	External ma	aterials
	-	-xtornar in	ateriais
Sub category			
Description			
Two ship tanks are situated outside the house yard (			
modified and now holds firewood. Constructed of mild the 1870s), about 4 feet (122-123 cm) square, with ro			
edges and a single circular hole or filling port of between	en one and two feet (30 and 60		
cm) diameter located centrally or to one side of one for			
by a steel lip with stepped wedges around its edge.	'	Internal ma	aterials
Inscription: F. BRABY & CO. LTD LONDON.			
		Style	
Modification			
	н	listorical TI	hemes - State
	1		
	"	iistoricai ir	nemes - Local
History			
See report.			
		Sources	
Architect			
Builder			
Period			
Date			

Site of house (original homestead?) in Portion 93. Item

Name

'Tunbridge Wells' Address

Four Mile Creek Road, near Cadia, Orange

Suburb

NSW State **Postcode** 

Group name

#### 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.

#### Recommendations

See Report.

Item type historical site

Archaeological/

9

Number

**Real Description** Map reference

## **Evaluation of significance**

**Historic Rare** 

Regional Historic Representative

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative Regional

Other Rare



Item Site of house (original homestead?) in Portion 93.  Name	Item type Archaeological/ historical site
	Number 9
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number
Suburb	
State NSW Postcode	
1.00.0000	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
House site, terraced into hill slope, southwest of site 7. Probably the site of the shearer's quarters.	
Site of original homestead, as indicated by historical plans.	
	Internal materials
Modification	Style
	Historical Themes - State
History	Historical Themes - Local
Claimed to be the original homestead site, but also the site from which the shearer's quarters was relocated (Personal communication, Graham Brown, May 1998).	
The 1879 survey plan shows a house valued at £25 and a clearing valued at £5, approximately at this location, on Portion 93 (B.1835.2009., LTO).	Sources
Architect	
Builder	
Period	
Date	

Item 'Comet' Windmill, Portion 95.

Item type Relic

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Number

10

Suburb

State NSW Postcode

Group name

### Significance

Windmill, surviving in good condition, typical of the historical agricultural and pastoral landscape.

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

#### Recommendations



Item 'Comet' Windmill, Portion 95.	Item type Relic
Name	
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 10
Suburb	
1.00.0000	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
This windmill appears have all the principal parts of a windmill, including a wind wheel, a vane sheet or fan tail, a governor, gearing, a brake, the mill head (main casting which supports the governor, gearing and brake), and a tower.	
The wind wheel on this windmill consists of 24 steel sails. The vane sheet is inscribed with 'COMET' which dates this model to between 1925 and 1929.	Internal materials
Modification	Style Historical Themes - State
	Historical Themes - Local
History	
Sidney Williams & Co. Pty Ltd. Sidney Williams, British immigrant, aimed 'to design and build thoroughly reliable windmills'. He specialised in direct-acting models, the most famous of which was the 'Comet'. This involved the pump making one complete stroke for each revolution of the wheel. This model had wheels ranging from 8 ft in diameter to 35 ft, the biggest steel windmill ever built. 'Comet' windmills featured trapezoidal vane sheets and were a familiar sight in inland Australia. Windmills were made to regulate themselves.	Sources
(Simpson, M. & P., Old Farm Machinery in Australia: a fieldguide and sourcebook. 1988).	
Architect	
Builder	
Period	
Date	
Date	

Item Shearing shed and farm outbuilding, Portion 93.

Item type

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Number

Building

11

Suburb

State NSW Postcode

Group name

### Significance

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

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





	<u> </u>
Item Shearing shed and farm outbuilding, Portion 93.	Item type Building
Name	
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 11
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category Building	External materials
Sub category	
Description	
Single storey, timber framed building with corrugated iron hipped roof and walls.	
Single storey, timber framed building with corrugated iron gable roof, skillions and walls.	
Holding yards surround both buildings.	Internal materials
	Style
Modification	
	Historical Themes - State
	Historical Themes - Local
History	The content of the co
,	
	Sources
Architect	
Builder	
Period	
Date	

Item Possible site of house, Portion 147.

Item type Archaeological/ historical site

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Number

12

Suburb

State NSW Postcode

Group name

### Significance

This house site was recovered only through oral evidence and is unlikely to contribute to our understanding of rural settlement.

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

#### Recommendations



Item Possible site of house, Portion 147.  Name	Item type Archaeological/ historical site
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 12
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
Flattened area with a distinctive spread of thistle across the site.	
Location of buildings uncertain.	
	Internal materials
	Style
Modification	
	Historical Themes - State
	Historical Themes - Local
History	
Location of house site (Personal communication, Graham Brown, May 1998).	
	_
	Sources
Architect	
Builder	
Period	
Date	

Possible site of house, Portion 97. Item

Archaeological/ Item type historical site

Name

'Tunbridge Wells' Address

Four Mile Creek Road, near Cadia, Orange

Number

13

Suburb

NSW State **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** 

Regional **Historic Representative** 

**Aesthetic Rare** 

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative Regional

Other Rare

Other Representative

#### Recommendations



Item Possible site of house, Portion 97.  Name	Item type Archaeological/ historical site
	Number 13
Address 'I unbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category Archaeological/ historical site	External materials
Sub category Other residential - site of house and outbuildings.	
Description	
Conifer windbreak (trees 90-100 years old?) associated with a concentration of stinging nettle. This may indicate the location of a house or farm building.	
Agricultural dam, located nearby, associated with plantings of willow.	
	Internal materials
Madification	Style
Modification	
	<del>.</del>
	Historical Themes - State
	Historical Themes - Local
History	
There are yards shown on the 1881 survey plan for this portion (B.2077.2009, LTO).	
Conifer windbreak planted by father of Graham Brown, as a windbreak (Personal	
Communication, Graham Brown, June 1998).	Sources
Architect	
Builder	
Period	
Date	

Possible site of stockyards, Portion 147. Item

Name

'Tunbridge Wells' Address

Four Mile Creek Road, near Cadia, Orange

Suburb

NSW State **Postcode** 

Group name

#### Significance

Typical improvement associated with historical rural settlement.

Recommendations

See Report.

Archaeological/ Item type historical site

Number

14

**Real Description** Map reference

## **Evaluation of significance**

**Historic Rare** 

Local **Historic Representative** 

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative Local

Other Rare



Item Possible site of stockyards, Portion 147.  Name	Item type Archaeological/ historical site
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 14
Suburb State NSW Postcode Group name	
Surveyor Edward Higginbotham & Noeleen Curran  Date of survey May 1998  Date amended	Heritage listings. See report.
Category Sub category	External materials
Description  Two posts remain, one with wire nails with bullet heads (post 1880s), associated with the northern end of the windbreak formed from remnant bushland.	
	Internal materials
Modification	Style
	Historical Themes - State
History	Historical Themes - Local
Location of yards (Personal communication, Graham Brown, May 1998).  There are no yards shown on the 1883 survey plan for this portion.	Sources
Architect	
Builder	
Period	
Date	

Windbreak, Portions 147 and 148. Item

Name

'Tunbridge Wells' Address

Four Mile Creek Road, near Cadia, Orange

Suburb

NSW State **Postcode** 

Group name

### Significance

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

Recommendations

See Report.

Archaeological/ Item type historical site

Number

15

**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



Item Windbreak, Portions 147 and 148.  Name	Item type Archaeological/ historical site
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 15
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description  The windbreak consists of indigenous species of remnant bushland left after clearance. The feature is unusual, since windbreaks are normally exotic plantings.	
	Internal materials
Modification	Style
	Historical Themes - State
History	Historical Themes - Local
The 1954 aerial coverage (CMA) indicates that the land has not been cleared. The windbreaks have therefore been created since 1954.	
Windbreak created during ownership of land by Bob Riddell with the help of Alex Wallace. Apparently, trees were felled using a chain dragged across the landscape. The Brown family cut and stacked timber over a 20 year period, including old growth stumps beneath regrowth, and repairing old mine workings (mostly roadways), collapsed shafts and prospect holes 10 - 15 feet deep (Personal Communication, Graham Brown, June 1998).	Sources
Architect	
Builder	
Period	
Date	

ItemFig tree, Portion 148.Item typeRelic

Name

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

## **Evaluation of significance**

**Historic Rare** 

**Historic Representative** 

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative

Other Rare

Other Representative

#### Recommendations



Item Fig tree, Portion 148.	Item type	Relic
Name		40
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	16
Suburb  State NSW Postcode		
Group name		
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.	
Date of survey May 1998	See report.	
Date amended		
Category	External materials	
Sub category		
Description	1	
Fig tree isolated in a cleared paddock, either self seeded, or perhaps indicating house site. No other signs of previous habitation.		
	Internal materials	
Modification	Style	
	Historical Themes -	State
History  There are no house or hut improvements shown on any of the early survey plans for	Historical Themes -	Local
this portion.	Sources	
Architect		
Builder		
Period		
Date		

Item Site of former post and rail stockyards, Portion 149.

Item type Archaeological/ historical site

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Number

17

Suburb

State NSW Postcode

Group name

### Significance

The site possesses little or no cultural significance.

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

#### Recommendations



	•
Item Site of former post and rail stockyards, Portion 149.  Name	Item type Archaeological/ historical site
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 17
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
The holding yards consist of iron post and rail fences, along with a timber post and wire mesh fence. A galvanised iron shed is situated on the northern side of the holding yards.	
	Internal materials
Modification	Style
	Historical Themes - State
History Location of earlier yards (Personal communication, Graham Brown, May 1998).	Historical Themes - Local
There are no yards shown on any of the early survey plans for this portion.	Sources
Architect Builder Period	
Date	

Item Hut 1 on Portion 149. Item type Building

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

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.

relics from the Iron Duke Map reference

# **Evaluation of significance**

Historic Rare Regional

Historic Representative

**Real Description** 

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare Regional

Scientific Representative

Other Rare

Other Representative



Recommendations



	Г
Item Hut 1 on Portion 149.	Item type Building
Name	
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 18
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
Corrugated iron hut of bush post construction with corrugated iron chimney and hipped roof.	
On the eastern side of the hut, there are two skips from the mine ropeway, inscribed ROPEWAYS LIMITED LONDON. There are also two heavy square cut timber posts lying on the ground, possibly from the engine house.	Internal materials
Modification	Style
	Historical Themes - State
History  Weekender used by Athol Ireland, pastry chef (Personal communication, Graham	Historical Themes - Local
Brown, May 1998).	Sources
Architect	
Builder	
Period	
Date	

Item Hut 2 in Portion 149. Item type Building

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Suburb

State NSW Postcode

Group name

### Significance

The hut has no cultural significance and is of recent date.

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

#### Recommendations



110111	2 in Portion 149.		Item type	Building
Name				
	nbridge Wells' r Mile Creek Road, near Cadia	, Orange	Number	19
Suburb				
State NSV	V	Postcode		
o tu to		lostcode		
Group name				
Surveyor	Edward Higginbotham & Noele	een Curran	Heritage lis	tings.
Date of survey	May 1998		See report.	
Date amended				
	Building		External mat	terials
,	3		External ma	teriais
Sub category				
	ut on timber piers. Galvanised the internal walls of the single			
			Internal ma	terials
Modification			Style	
			Historical The	emes - State
<b>History</b> Weekender used by A Brown, May 1998).	athol Ireland, a pastry chef (Pe	ersonal communication, Graham	Historical The	emes - Local
			Sources	
Architect				
Builder				
Period				
Date				

Item Series of agricultural dams, Devil's Hole in Portion 84.

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Suburb

State NSW Postcode

Group name

### Significance

An unusual feature of the historical rural landscape.

Real Description

Map reference

### **Evaluation of significance**

Archaeological/

historical site

20

Historic Rare Local

Historic Representative

Aesthetic Rare

Item type

Number

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare Local

Scientific Representative

Other Rare

Other Representative





ltem Name	Series of agricultural dams, Devil's Hole in Portion 84.	Item type Archaeological/ historical site
	Translatidas Mallal	Number 20
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 20
Suburb		
State	NSW Postcode	
Group name		
Surveyo	Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of surve	y May 1998	See report.
Date amende	d	
Catego	ry	External materials
Sub catego		
Description		
	gully to the south. Gullies with series of agricultural dams onserve water run off.	
		Internal materials
Modification		Style
		Historical Themes - State
History		Historical Themes - Local
		Sources
Architect		
Builder		
Period		
Date		

Item Possible site of slaughterhouse, Portion 84.

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Suburb

State NSW Postcode

Group name

### Significance

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

Recommendations

See Report.

Real Description

Map reference

### **Evaluation of significance**

Archaeological/

historical site

21

**Historic Rare** 

Historic Representative Regional

Item type

Number

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative Regional

Other Rare



	•
Item Possible site of slaughterhouse, Portion 84.  Name	Item type Archaeological/ historical site
Address 'Tunbridge Wells'	Number 21
Four Mile Creek Road, near Cadia, Orange	
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
<b>Description</b> Four posts remain indicating a rectangular structure. One post remains standing and two lie on the ground. The fourth post survives only to the ground surface.	
	Internal materials
Modification	Style
	Historical Themes - State
	Historical Themes - Local
History	
Slaughterhouse which reputedly supplied the township of Cadia (Personal communication, Graham Brown, May 1998).	
The 1879 survey plan shows the 'frame of a hut' on Portion 84, at the approximate location of these posts (B.1736.2009, LTO).	Sources
Architect	
Builder	
Period	
Date	

Item Possible house site, Portion 87.

Item type Archaeological/ historical site

22

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Number

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



Item Possible house site, Portion 87.  Name	Item type Archaeological/ historical site
	Number 22
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 22
Suburb	
State NSW Postcode	
Group name	
aroup name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
	-
<b>Description</b> Building platform terraced into the slope with stone rubble and drainage gutter surround and associated field drains, approximately 20 metres south of quince tree. The quince may indicate the site of further buildings.	
	Internal materials
Modification	Style
	Historical Themes - State
	Historical Themes - Local
History	
Approximate location given (Personal communication, Graham Brown, May 1998).	
The 1879 survey plan shows no improvements, at this location, on Portion 87 (B.1690.2009, LTO).	Sources
Architect	
Builder	
Period	
Date	

Item Site of house, Portion 99.

Item type

Archaeological/ historical site

Name Address

'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Number

23

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



Item Site of house, Portion 99.  Name	Item type Archaeological/ historical site
Address 'Tunbridge Wells'	Number 23
Four Mile Creek Road, near Cadia, Orange	
Suburb State NSW Postcode	
1.00.0000	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category  Description	
This site is indicated by distinct soil mounds and stone rubble wall lines. There is a large but fallen <i>Robinia pseudoacacia</i> , 'Locust Tree', surrounded by suckers, east of the house site. Such exotic plantings are typical of historical settlement.	
In addition, there is a Kurrajong tree, which is a good food source for animals during drought. The seeds from the pods of this tree were brewed by Aborigines and consumed as a beverage similar to coffee.	Internal materials
Modification	Style
	Historical Themes - State
<b>History</b> Approximate location given (Personal communication, Graham Brown, May 1998).	Historical Themes - Local
The 1881 survey plan shows a house valued at £30 and a fence valued at £45, at this location, on Portion 99 (B.2078.2009., LTO).	Sources
Architect	
Builder	
Period	
Date	

Site of gunyah/ hut, Portion 49. Item

Name

'Tunbridge Wells' **Address** 

Four Mile Creek Road, near Cadia, Orange

Suburb

NSW State **Postcode** 

Group name

### Significance

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

Recommendations

See Report.

Archaeological/ Item type historical site

Number

24

**Real Description** Map reference

### **Evaluation of significance**

**Historic Rare** 

Regional **Historic Representative** 

Aesthetic Rare

Aesthetic Representative

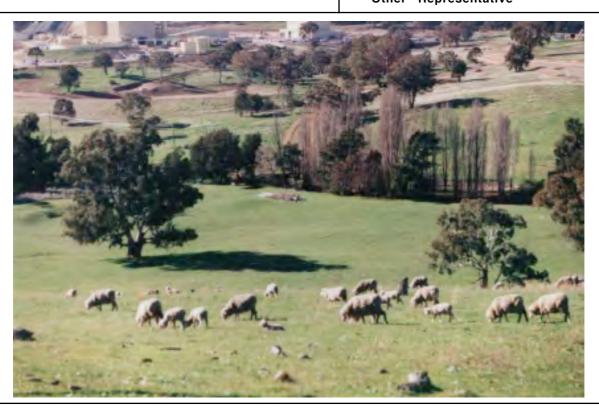
Social Rare

Social Representative

Scientific Rare

Scientific Representative Regional

Other Rare



Item Site of gunyah/ hut, Portion 49.  Name	Item type Archaeological/ historical site
	Number 24
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number
Suburb	
1.00.0000	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
	External materials
Sub category	
Description	
Site of hut not located, although a likely site is adjacent to the large eucalypt tree on a raised bank.	
Field drains noted across flood plain, along with ridge and furrow associated with intensive cultivation. Site adjacent to former road from 4 Mile Creek to Cadia and	
Millthorpe.	Internal materials
	Style
Modification	
	Historical Themes - State
	Historical Themes - Local
History	
The 1879 survey plan shows a small hut or gunyah valued at £1 at this location on	
Portion 49 (B.1185.2009, LTO).	
Multiple plough cultivation distinguished by 20 furrows each way at end of 'land'	Sources
(Personal Communication, Graham Brown, Personal Communication, June 1998).	
A   1.14	
Architect	
Builder	
Period	
Date	

Item Road reserve and telegraph line.

Item type

Other work

Name

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

## **Evaluation of significance**

**Historic Rare** 

Historic Representative Local

Aesthetic Rare

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative

Other Rare

Other Representative

#### Recommendations



Item Road reserve and telegraph line.	Item type Other work
Name	
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 25
Suburb	
State NSW - Postcode	
7.00.000	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
The road is in fair condition. It crosses Cadiangullong Creek at the northeastern corner of Portion 84 and continues south, parallel to the creek, through Portions 84, 83 and 49, diverting west through Portion 49. A road cutting near the western boundary of Portion 49 clearly shows the former road reserve. This road also forms the southern boundary of Portion 99.	Internal materials
The telegraph line survives as a series of posts with glass and ceramic insulators intact. It runs beside the road reserve from Portion 84 and ends as the road turns west in Portion 49.	
Modification	Style
	Historical Themes - State
History	Historical Themes - Local
	Sources
Architect	
Builder	
Period	
Date	

Item Site of hut, Portion 124.

Item type

Archaeological/ historical site

Name

Address 'Tunbridge Wells'

Four Mile Creek Road, near Cadia, Orange

Number

26

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



Item Site of hut, Portion 124.  Name	Item type Archaeological/ historical site
	Number 26
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
	External materials
Sub category	
Description	
Site consists of three piles of stone rubble amidst a spread of thistle.	
	Internal materials
	Style
Modification	
	Historical Themes - State
	Historical Themes - Local
History	1.151.152.1
The 1883 survey plan shows a hut valued at £5 at this location on Portion 1	24
(B.2443.2009, LTO).	24
	nal Sources
Rocks moved from their original placement and restacked by dozer (Perso Communication, Graham Brown, June 1998).	nai Sources
, , , , , , , , , , , , , , , , , , , ,	
Architect	
Builder	
Period	
Date	1

Site of yards, Portion 97. Archaeological/ Item Item type historical site Name 'Tunbridge Wells' Address Number Four Mile Creek Road, near Cadia, Orange **27** Suburb NSW State **Postcode** Group name Significance The site possesses little or no cultural significance. **Real Description** Map reference **Evaluation of significance Historic Rare** Historic Representative **Aesthetic Rare** Recommendations Aesthetic Representative See Report. Social Rare Social Representative Scientific Rare Scientific Representative Other Rare

Other Representative

Item Site of yards, Portion 97.  Name	Item type Archaeological/ historical site
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 27
Suburb	
State NSW Postcode	
Group name	
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
Site not inspected.	
	Internal materials
	Style
Modification	Style
	Historical Themes - State
	Historiaal Thomas Local
History	Historical Themes - Local
History  The 1881 survey plan shows a yard valued at £3 at this location on Portion 97	
(B.2077.2009, LTO).	
	Sources
Architect	
Builder	
Period	
Date	

Site of house and gardens, Portion 127. Archaeological/ Item Item type historical site Name

'Tunbridge Wells' **Address** 

Number Four Mile Creek Road, near Cadia, Orange 28

Suburb

NSW State **Postcode** 

Group name

Significance

Recommendations

See Report.

Typical feature of the historical rural landscape, with potential to

reveal information on rural settlement.

**Real Description** Map reference

**Evaluation of significance** 

**Historic Rare** 

Regional **Historic Representative** 

**Aesthetic Rare** 

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative Regional

Other Rare

Other Representative

Item Site of house and gardens, Portion 127.  Name	Item type Archaeological/ historical site
	20
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number 28
Suburb	
State NSW Postcode	
Group name	
	Havitana liatinana
Surveyor Edward Higginbotham & Noeleen Curran	Heritage listings.
Date of survey May 1998	See report.
Date amended	
Category	External materials
Sub category	
Description	
This site is not apparent as the paddock has clearly been cultivated. The mill paddock dam appears to be in the approximate location of the garden.	
	Internal materials
Modification	Style
	Historical Themes - State
History	Historical Themes - Local
The 1883 survey plan shows a hut valued at £1 and a garden valued at £2 at this location on Portion 127 (B.2408.2009, LTO).	
There was once a hut on the site, inhabited by Tom Williams and his wife Thirza Brown (Graham Browns aunt) (Personal Communication, Graham Brown, June 1998).	Sources
Architect	
Builder	
Period	
Date	
- 410	į

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				•	
	f the historical rural landscape	e, with potential to	Real Des	cription	
reveal informatio	n on rural settlement.		Map ref	erence	
				Evaluation of	significance
				Historic Rare	
			Historic	Representative	Regional
				Aesthetic Rare	
Recommenda	ations		Aesthetic	Representative	
See Report.			Social Rare		
		Social	Representative		
			Scientific Rare		
			Scientific	Representative	Regional
			Other Rare		
			Other	Representative	

Item	Site of well, Portion 127	7.	Item type	
Name				
Address	'Tunbridge Wells' Four Mile Creek Road,	near Cadia, Orange	Number	29
Suburb				
State	NSW	Postcode		
		1 0010000		
Group name				
Survey	or Edward Higginboth	am & Noeleen Curran	Heritage listings.	
Date of surve	<b>ey</b> May 1998		See report.	
Date amende	ed			
Catego	ry		External materials	
Sub catego	ry			
Description				
Site not inspecte	ed.			
			Internal materials	
			Style	
Modification				
			Historical Themes - State	
			Historical Themes - Local	
Hiotom:			Indiana. Inches Edua	
History	y plan chowe a woll value	d at £2 at this location on Portion 127		
(B.2408.2009, L		d at £3 at this location on Portion 127		
		ent of an existing dam (Personal	Sources	
Communication,	Graham Brown, June 19	98).		
Architect				
Builder				
Period				
Date				

Archaeological/ Site of hut, Portion 76. Item Item type historical site Name

'Tunbridge Wells' **Address** 

Four Mile Creek Road, near Cadia, Orange

Suburb

NSW State **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** 

30

**Historic Rare** 

Number

Regional **Historic Representative** 

**Aesthetic Rare** 

Aesthetic Representative

Social Rare

Social Representative

Scientific Rare

Scientific Representative Regional

Other Rare

Other Representative

Recommendations

Item Site of hut, Portion 76.	Item type Arch	aeological/ storical site
Address 'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	30
Suburb		
State NSW Postc	ode	
Group name		
Surveyor Edward Higginbotham & Noeleen Curr	Heritage listings.	
Date of survey May 1998	See report.	
Date amended		
Category	External materials	
Sub category		
Description		
Site not inspected.		
	Internal materials	
Modification	Style	
	Historical Themes -	State
	Historical Themes -	Local
History		
The 1878 survey plan shows a hut and clearing valued at £3 Portion 76 (B.1458.2009, LTO).	30 at this location on	
, , , , , , , , , , , , , , , , , , , ,	Sources	
	Sources	
Architect		
Builder		
Period		
Date		

Item Mine workings, Portion 149.

Item type Archaeological/ historical site

Name 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

## **Evaluation of significance**

Historic Rare Regional

Historic Representative

**Aesthetic Rare** 

Aesthetic Representative

Social Rare

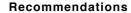
Social Representative

Scientific Rare Regional

Scientific Representative

Other Rare

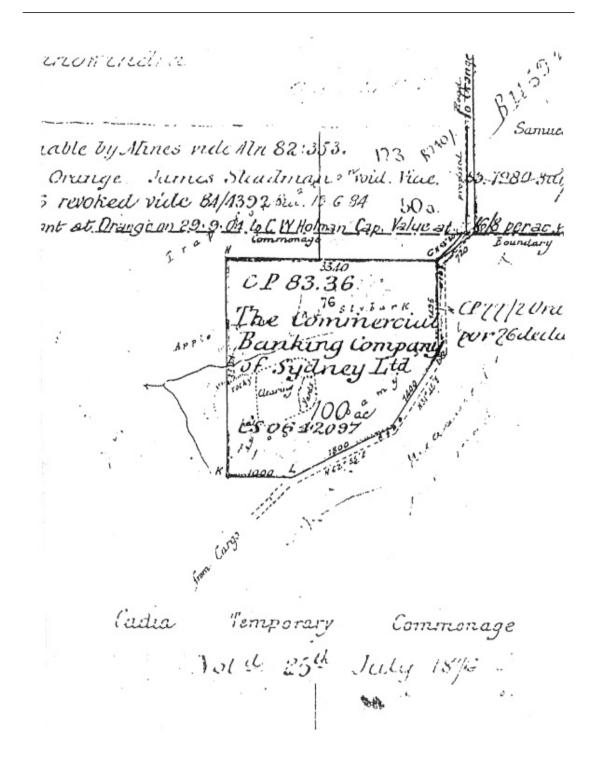
Other Representative



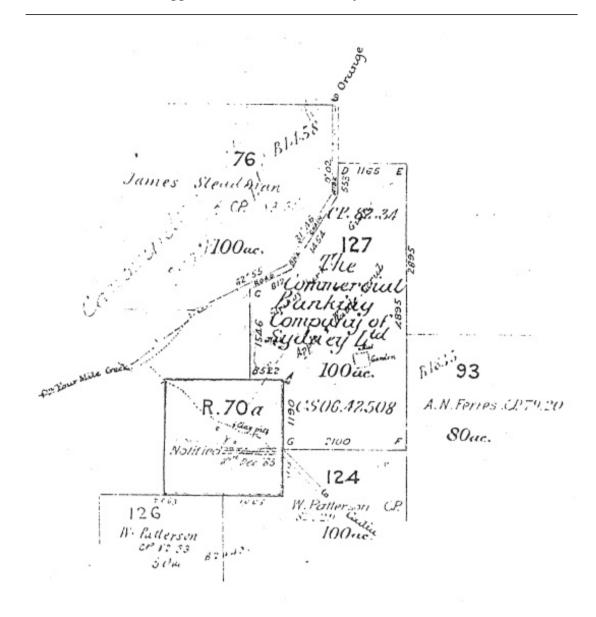


Item Name	Mine workings, Portion 149.	Item type	Archaeological/ historical site
Address	'Tunbridge Wells' Four Mile Creek Road, near Cadia, Orange	Number	31
Suburb			
State	NSW Postcode		
Group name			
Surveyo	or Edward Higginbotham & Noeleen Curran	Heritage	listings.
Date of surve	<b>Py</b> May 1998	See report.	
Date amende	ed		
Catego	ry	External	materials
Sub catego	ry		
	esociated with the Cadia Engine House. This site appears to be e working sites on the property, most of which have been filled in by		
Other sites of min	ne workings have not been surveyed, since they are not located used workings.	Internal	materials
Modification			Themes - State
History		Ilistolicai	memes - Local
	ently by Graham Brown (Personal Communication, Graham Brown,		
Mine workings ar Cadia.	e shown on the 1878 and 1881 plans and sections of workings at	Sources	
Architect			
Builder			
Period			
Date			

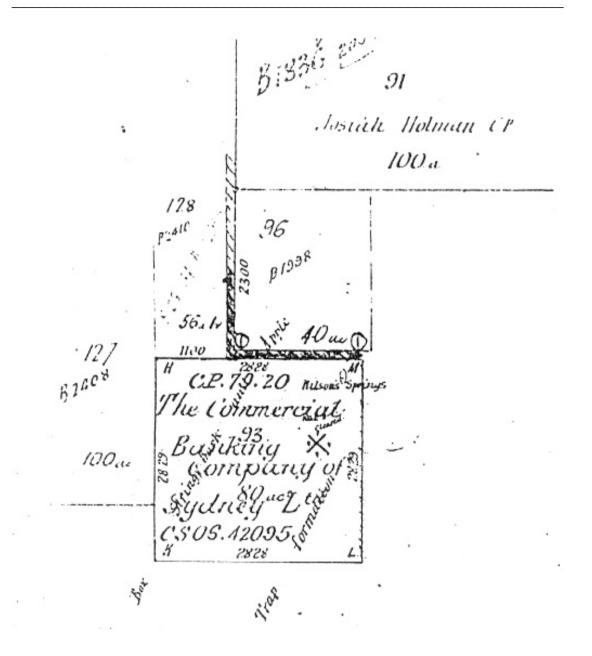
APPENDIX 3. HISTORICAL PLANS.
Portion plans are provided in numerical order, followed by historical plans and sections of the Cadi Mines.



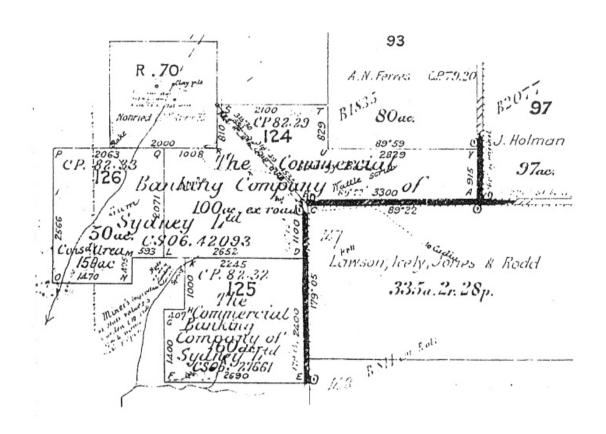
Plan of Portion 76, showing improvements including hut and clearing with yards (B.1458.2009, LTO).



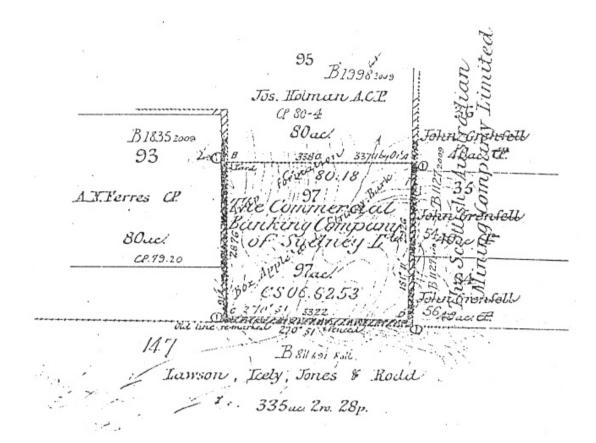
Plan of Portion 127, showing improvements including hut, garden and well (B.2408.2009, LTO).



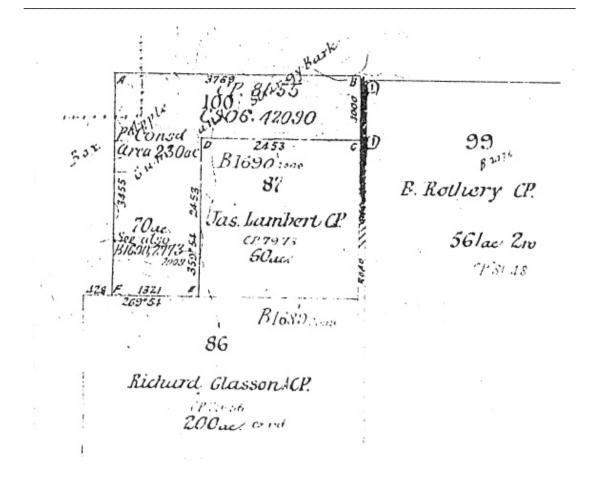
Plan of Portion 93, showing improvements including hut and clearing (B.1835.2009, LTO).



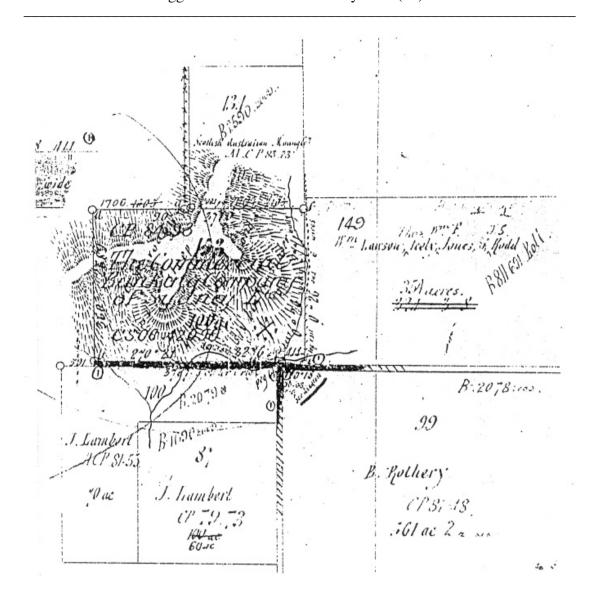
Plan of Portions 124 to 126, showing improvements including hut (B.2443.2009, LTO).



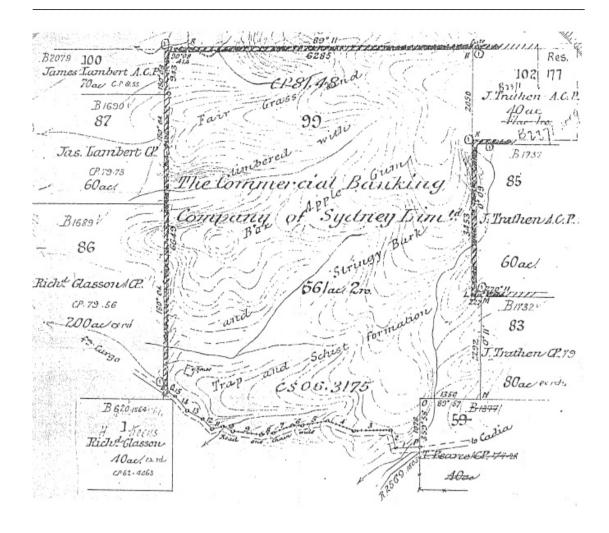
Plan of Portion 97, showing improvements including fence and yards (B.2077.2009, LTO).



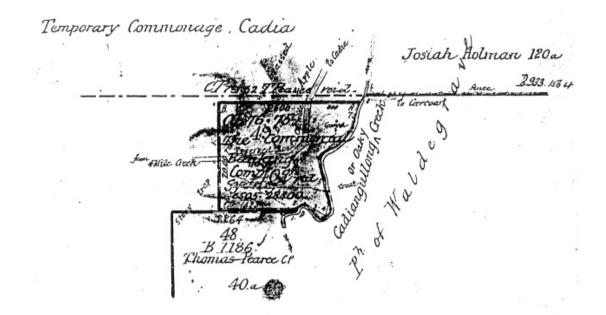
Plan of Portion 100, showing improvements including fence (B.2079.2009, LTO).



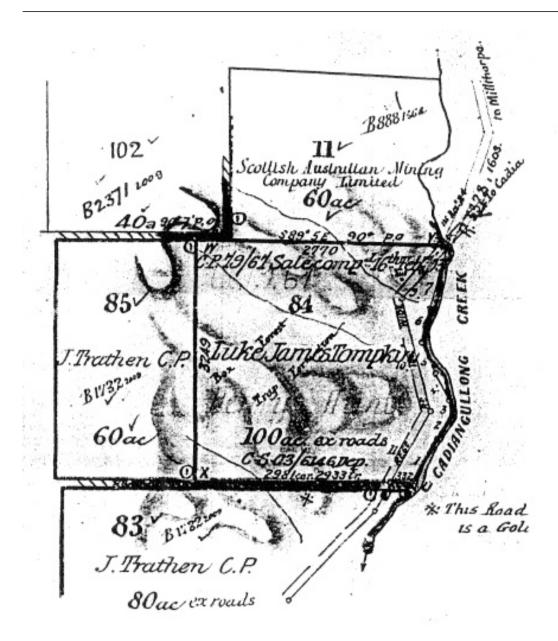
Plan of Portion 153, showing improvements including fence (B.2773.2009, LTO).



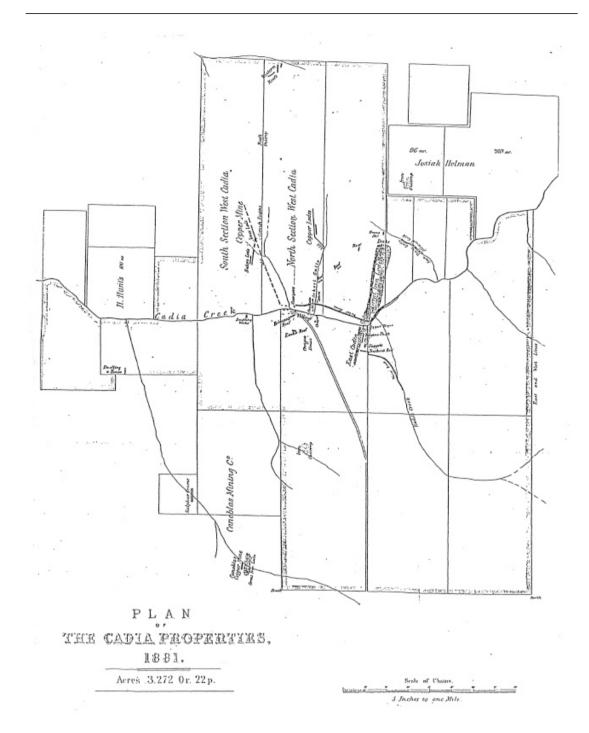
Plan of Portion 99, showing improvements including fence and house (B.2078.2009, LTO).



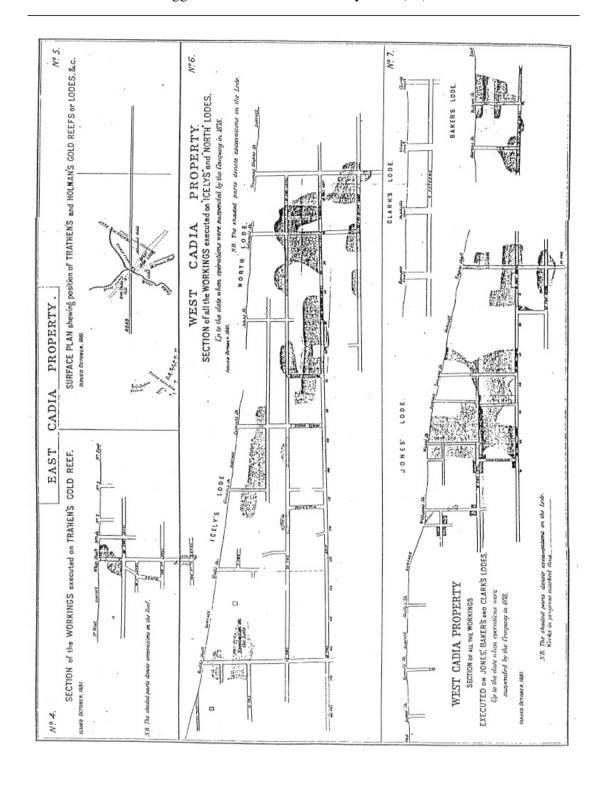
Plan of Portion 49, showing improvements including hut or gunyah (B.1185.2009, LTO).



Plan of Portion 84, showing improvements including hut and road reserve (B.1736.2009, 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).