

## **Consultation Stage 2 Example Briefing Session Invitation**



## Facsimile

|            |  |                |                      |
|------------|--|----------------|----------------------|
| To:        | Darug Aboriginal Cultural Heritage Assessments   | Date:          | 14/11/11             |
| Attention: | Celestine Everingham and Gordon Morton   | Facsimile:     | 4567 7421            |
| From:      | Lyndon Patterson, GML  | Pages:         | 3 including this one |
| Subject:   | Aboriginal registration and briefing session for Community Consultation – North West Rail Link | Our reference: | 11-8339dachac1       |

Dear Celestine and Gordon,

Thank you for your registration in this project.

Following on from my telephone call today, as you may be aware, the North West Rail Link is a priority transport infrastructure project for the NSW Government. On behalf of the Department of Transport, Godden Mackay Logan + Jo McDonald Cultural Heritage Management (GML + JMcD CHM) seek registration from local Aboriginal individuals and groups with respect to an Aboriginal Heritage Assessment of the North West Rail Link between Epping and Rouse Hill in Sydney. The heritage assessment will inform planning approvals for the project. Your organisation has been identified as a possible interest group.

Department of Transport is proposing to undertake construction and operation of the North West Rail Link, this being a new electrified passenger rail line between Epping and Rouse Hill. The project includes stations (at Cherrybrook, Castle Hill, Hills Centre Norwest, Kellyville and Rouse Hill); stabling facilities and associated ancillary infrastructure. The proposed route of the North West Rail Link is shown in the attached plan.

In accordance with the 'Guideline for Aboriginal Cultural Heritage Impact Assessment and Community Consultation (Department of Environment and Climate Change 2005)', GML + JMcD CHM is required to compile a list of Aboriginal people who may have an interest for the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places. To this end, GML + JMcD CHM organised advertisements calling for registered stakeholders to be placed in the 'Hills News' and the 'Hills Shire Times' on 25 October 2011 and the 'National Indigenous Times' and the 'Rouse Hill Times' on the 26 October 2011.

An information briefing and session for Aboriginal stakeholders is proposed for 10am, this Friday 18 November meeting at Rouse Hill Shopping Centre car park, near the bus station. The information session will commence with the presentation of project information by the Department of Transport and GML, followed by an opportunity to visit some of the key locations. Could you

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please confirm the number of representatives your organisation wishes to send by noon Thursday 17 November, so we organise the appropriate number of vehicles. Please note that each organisation may invoice for one person only. Please inform us in advance if you have a legitimate reason to invoice for more than one person per organisation, for consideration by the proponent. Once attendance is confirmed, details for the invoicing will be confirmed.

Registrations may be received in writing or on the day. Organisations or individuals wishing to register should identify if they wish to be primary registrants (consultation) or general registrants (sent copies of reports only).

Registrations may be addressed to:

Lyndon Patterson  
Senior Consultant  
GML + JMcD Heritage Consultants  
78 George Street  
Redfern NSW 2016

Alternatively the registrations can be emailed to [lyndonp@gml.com.au](mailto:lyndonp@gml.com.au) or faxed to GML on 02 9319 4383.

If you have any questions about this project, do not hesitate to call on 02 9319 4811.

Yours sincerely

Lyndon



15/11/2011

Bidjigal Reserve Trust  
 PO Box 342  
 BAULKHAM HILLS NSW 1755

Our Ref: 11-8339brtc3

**Attention:** The Chairman

**Re:** Aboriginal registration and briefing session for Community Consultation – North West Rail Link

Dear Sir/ Madam,

As you may be aware, the North West Rail Link is a priority transport infrastructure project for the NSW Government. On behalf of the Department of Transport, Godden Mackay Logan + Jo McDonald Cultural Heritage Management (GML + JMcD CHM) seek registration from local Aboriginal individuals and groups with respect to an Aboriginal Heritage Assessment of the North West Rail Link between Epping and Rouse Hill in Sydney. The heritage assessment will inform planning approvals for the project. Your organisation has been identified as a possible interest group.

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In accordance with the 'Guideline for Aboriginal Cultural Heritage Impact Assessment and Community Consultation (Department of Environment and Climate Change 2005)', GML + JMcD CHM is required to compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining cultural significance of Aboriginal objects and/or places. To this end, GML + JMcD CHM organised advertisements calling for registered stakeholders to be placed in the 'Hills News' and the 'Hills Shire Times' on 25 October 2011, and the 'National Indigenous Times' and the 'Rouse Hill Times' on the 26 October 2011.

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Registrations may be received in writing by post, fax or hand delivery on the day. Organisations or individuals wishing to register should identify if they wish to be primary registrants (consultation) or general registrants (sent copies of reports only).

 +  
**Jo McDonald CHM**

Registrations may be addressed to:

Lyndon Patterson

Senior Consultant

GML + JMcD Heritage Consultants

78 George Street

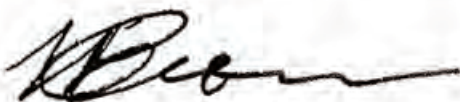
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Alternatively the registrations can be emailed to [lyndonp@gml.com.au](mailto:lyndonp@gml.com.au) or faxed to GML on 02 9319 4383.

If you have any questions about this project, do not hesitate to call on 02 9319 4811.

Yours sincerely

**Godden Mackay Logan + Jo McDonald CHM**



Lyndon Patterson

Senior Consultant

**Attachments:**





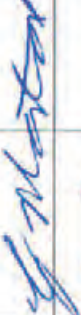



**North West Rail Link October 2011 Plan**

**Consultation Stage 2 Attendance and Registration Record for Briefing Session**



## North West Rail Link – Information Briefing Session for Aboriginal Heritage Assessment

~~I have read and reviewed the proposed survey methodology~~

| Aboriginal Organisation                        | Full Name                     | I wish to Register as a Primary or Secondary Stakeholder  | Comments | Signature   | Date     |
|--|-------------------------------|---|----------|---|----------|
| PARRAMATTA Council                             | Gibson Saunders               | STAKEHOLDER   |          |    |          |
| PARRAMATTA Council                             | BRUCE LAKE                    | STAKE HOLDER  |          |    |          |
| D.T.A.C  | DENNIS HARDY                  | STAKE HOLDER  |          |    |          |
| PARRAMATTA Council                             | PAUL WARDY                    | STAKE HOLDER  |          |    |          |
| DARUG ABORIGINAL CULTURAL HERITAGE ASSESSMENTS | GODDEN MACKAY LOGAN           | STAKE HOLDER  |          |   |          |
| Darug Aboriginal Landcare Inc.                 | Des Dyer                      | STAKE HOLDER  |          |  |          |
| Tecumseh                                       | Scott Farnus<br>Tony Williams | Pharmacy Manager<br>Indigenous<br>Native Title<br>Claimed |          |  |          |
| Godden Mackay Logan<br>D.L.O                   | Gordon Workman                | ALL-  |          |  | 18.11.11 |

## **Consultation Stage 2 Example Provision of Survey Methodology**





22 November 2011

Mr Desmond Dyer  
Darug Aboriginal Land Care Inc  
18a Perigee Close  
DOONSIDO NSW 2768

Our Ref: 11-8339dalcic2

**Re: Proposed Survey Methodology – North West Rail Link**

Dear Mr Dyer,

Thank you for your registration in the North West Rail Link project. Please find attached the proposed survey methodology for the project.

As discussed on Friday at the project briefing day, please find enclosed a CD with the following background documents attached:

- Archaeological Assessment of Indigenous Heritage for the Northwest Rail Link, Jo McDonald CHM, 2006;
- Area 20 Precinct North West Growth Centre, Aboriginal Heritage Assessment, Kelleher Nightingale Consulting Pty Ltd, 2010 and addendum letter report;
- Guidelines for Aboriginal Cultural Heritage Impact Assessment and Community Consultation, Department of Environment and Conservation, July 2005 (Part 3A guidelines);
- AHIMS data for project area; and
- Map of AHIMS data.

Regarding the proposed survey methodology for this project, we ask that you provide verbal or written comment by **Friday 2 December 2011**. It would be greatly appreciated if comments could be received prior to this date, as the field surveys have been scheduled for the period Monday 5 to Friday 9 December 2011.

Comments can be emailed to [lyndonp@gml.com.au](mailto:lyndonp@gml.com.au) or faxed to GML on 02 9319 4383.

Invoicing for participation on the project briefing day (18 December) should be addressed to:

Department of Transport C/- AECOM, Q410, QVB Post Office, Sydney, NSW, 1230.  
Attention: Neville Hattingh, Principal Environmental Scientist.

The invoice should specify the ABN of the organisation invoicing fees.

As per the 2004 Interim Community Consultation Requirements (attached) the Proponent has requested the following additional information be provided by Registered Aboriginal stakeholders so as to determine future involvement in the field survey.

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- Demonstrated experience in field identification and survey techniques (including confirmation of physical ability to undertake fieldwork);
- Cultural knowledge of the project area;
- Ability to assist in communication the results of the survey back to the stakeholders for the assessment of cultural values and significance and requiring advice on their response to the proponent; and
- Day and hourly rates for Aboriginal representatives for field surveys for consideration by the proponent.

If you have any questions about this project, do not hesitate to call on 02 9319 4811.

Yours sincerely

**Godden Mackay Logan Pty Ltd + JMcD Heritage Consultants**

**Lyndon Patterson**  
**Senior Consultant**

**Attachments:**

- Field survey methodology
- Concept Plan Approval
- CD-ROM containing project background documents





## NWRL–Aboriginal Heritage Assessment

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### Proposed Field Survey Methodology

The North West Rail Link has previously been surveyed by Jo McDonald CHM Pty Ltd (JMDCHM) with Aboriginal representatives in 2006. The study identified 14 Aboriginal sites, including Potential Archaeological Deposits (PADs). The Rouse Hill area in particular was found to have potential for evidence of Aboriginal occupation, in the form of high density artefact scatters. JMDCHM found that boring of the tunnel was unlikely to impact on extant archaeological deposits. For those sites that could not be avoided it was recommended that further negotiation take place with relevant Aboriginal groups and the Office of Environment and Heritage (OEH).

The current alignment of the NWRL is very similar to that surveyed previously by JMDCHM, with the exception of the Tallowang Stabling Area at Rouse Hill. Our field survey will therefore aim to achieve the following:

- Full survey coverage of the Tallowang Stabling Area and areas where open cut excavation of the rail line is proposed (with the exception of areas that have been extensively surveyed in recent years such as Area 20). Field survey will target ground exposures, areas where there is a high potential for Aboriginal sites and areas where excavation and ground disturbance is proposed;
- Identification and assessment of all sites previously identified by JMDCHM along the NWRL alignment; and
- Inspection of all proposed rail stations.

Please note: sections of the NWRL where boring is proposed will not be surveyed (i.e. from Kellyville to Epping Station).

Our survey recording methods will follow best practice and incorporate elements from the *Code of Practice for Archaeological Investigations in NSW* published by the (then) Department of Conservation, Climate Change and Water, 2010.

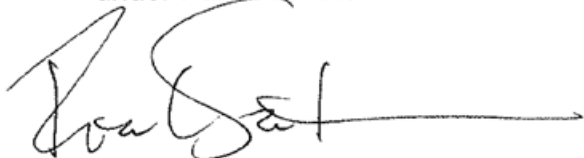


# Concept Plan Approval

## Section 75O of the *Environmental Planning and Assessment Act 1979*

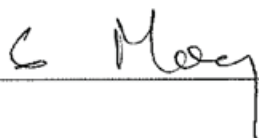
I, the Minister for Planning, under the *Environmental Planning and Assessment Act 1979* determine:

- a) pursuant to section 75O of the *Environmental Planning and Assessment Act 1979*, to grant concept plan approval for the proposal referred to in Schedule 1, subject to the modifications in Schedule 2; and
- b) pursuant to section 75P(1)(a) of the *Environmental Planning and Assessment Act 1979*, the further environmental assessment requirements for the proposal, referred to in Schedule 1, under Part 3A of the *Environmental Planning and Assessment Act 1979*.



Frank Sartor MP  
Minister for Planning

Sydney



2008

File No: 9040496

### SCHEDULE 1

|                                    |  |
|------------------------------------|--|
| <b>Application No:</b>             | 06_0157  |
| <b>Proponent:</b>                  | Transport Infrastructure Development Corporation   |
| <b>Approval Authority:</b>         | Minister for Planning  |
| <b>Land:</b>                       | Land required for the construction and operation of the proposal, generally between Epping and Rouse Hill.   |
| <b>Proposal:</b>                   | <p>The western portion of the North West Metro, being the construction and operation of a new electrified passenger rail line between Epping and Rouse Hill, including:</p> <ul style="list-style-type: none"><li>• six new stations at Cherrybrook, Castle Hill, Hills Centre Norwest, Kellyville and Rouse Hill;</li><li>• stabling facilities; and</li><li>• associated ancillary infrastructure.</li></ul> |
| <b>Part 3A Project:</b>            | <p>On 7 April 2006, the Minister for Planning formed the opinion that the proposal is of State and regional environmental planning significance and declared that Part 3A of the <i>Environmental Planning and Assessment Act 1979</i> applies to the proposal.</p>  |
| <b>Concept Plan Authorisation:</b> | <p>On 12 July 2006, the Minister for Planning authorised the submission of a concept plan for the proposal.</p>  |

## KEY TO CONDITIONS

|   |          |
|---|----------|
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## SCHEDULE 2

### DEFINITIONS

|                                     |   |
|-------------------------------------|---|
| <b>Ancillary Infrastructure</b>     | Permanent or temporary infrastructure required for the construction and operation of the proposal, including tunnel support facilities such as emergency ventilation and egress facilities and temporary construction sites.  |
| <b>Concept Plan</b>                 | The proposal described in Schedule 1.   |
| <b>Conditions of Approval</b>       | The conditions of approval detailed in this, the Minister of Planning's concept plan approval for the proposal.   |
| <b>Construction</b>                 | All pre-operation activities associated with any project related to the concept plan approval <b>other than</b> survey, acquisitions, fencing, investigative drilling or excavation, building/ road dilapidation surveys or other activities determined by the Proponent to have minimal environmental impact including (but not limited to) minor clearing (except where threatened species, populations or ecological communities would be affected), establishing temporary construction sites (in accordance with the requirements of any project approvals related to this concept plan approval), establishing minor access roads and minor adjustments to services/ utilities. |
| <b>DECC</b>                         | NSW Department of Environment and Climate Change.   |
| <b>Department, the</b>              | NSW Department of Planning.   |
| <b>Director-General, the</b>        | Director-General of the NSW Department of Planning (or delegate).   |
| <b>DWE</b>                          | NSW Department of Water and Energy.   |
| <b>DPI</b>                          | NSW Department of Primary Industries.   |
| <b>ECRL</b>                         | Epping to Chatswood Rail Link formerly known as the Parramatta Rail Link, comprising a new underground passenger rail line from Epping to Chatswood.  |
| <b>GCC</b>                          | NSW Growth Centres Commission.  |
| <b>MoT</b>                          | NSW Ministry of Transport.  |
| <b>Operation</b>                    | When trains commence operating on any project related to this concept plan approval but excluding commissioning activities.   |
| <b>Project, the</b>                 | Any project(s) related to this concept plan approval.   |
| <b>Proponent</b>                    | Transport Infrastructure Development Corporation.   |
| <b>Reasonable and Feasible</b>      | Consideration of best practise taking into account the benefit of proposed measures and their technological and associated operational application in the NSW and Australian context. <b>Feasible</b> relates to engineering considerations and what is practical to build. <b>Reasonable</b> relates to the application of judgement in arriving at a decision, taking into account: mitigation benefits, cost of mitigation versus benefits provided, community views and nature and extent of potential improvements.  |
| <b>Relevant Council(s)</b>          | Hornsby Shire Council, Baulkham Hills Shire Council, Blacktown City Council.  |
| <b>Relevant Government Agencies</b> | Any Commonwealth or State agency that has a statutory or other interest in the Project.   |
| <b>Relevant Stakeholders</b>        | A party that would be directly affected by the project or would otherwise have a reasonable interest in the project (excluding relevant Government agencies and relevant Councils) such as affected landowners, utility and service providers, businesses, bus companies and community members.   |
| <b>RTA</b>                          | NSW Roads and Traffic Authority.  |



## 1. ADMINISTRATIVE CONDITIONS

### Terms of Concept Approval

- 1.1 The Proponent shall carry out the concept plan and all related projects generally in accordance with the:
  - a) Major Project Application 06\_0157;
  - b) *North West Rail Link Environmental Assessment and Concept Plan*, dated November 2006, and prepared by GHD Pty Ltd;
  - c) *North West Rail Link Preferred Project Report*, dated May 2007, and prepared by GHD Pty Ltd;
  - d) *North West Rail Link Supplementary Submissions Report*, dated March 2008, and prepared by the Transport Infrastructure Development Corporation; and
  - e) the conditions of approval.
- 1.2 In the event of an inconsistency between:
  - a) any documents listed in condition 1.1a) to 1.1d) inclusive, the most recent document shall prevail to the extent of the inconsistency; and
  - b) the conditions of approval and any document listed in condition 1.1a) to 1.1d) inclusive, the conditions of approval shall prevail to the extent of the inconsistency.

### Limits of Approval

- 1.3 To avoid any doubt, this concept plan approval does not permit the construction of any part of the proposal described in Schedule 1, unless and until a project approval is granted with respect to those works.

### Provision of Information

- 1.4 Within 6 weeks of the date of this concept plan approval the Proponent shall place an electronic copy of the documents referred to under condition 1.1 a) to e) of this approval (or details of where hard copies of this information may be accessed by members of the public) on a new website established for the proposal, or dedicated pages within its existing website.

## 2. PROJECT DESIGN CRITERIA AND PERFORMANCE STANDARDS

### Project Design

- 2.1 The Proponent shall in consultation with relevant Government agencies, relevant Councils and relevant stakeholders, ensure that underground components of the project are designed with regard to existing and/ or planned future underground utilities and infrastructure including the planned extension of the M2 Motorway.
- 2.2 The Proponent shall in consultation with relevant Councils and relevant Government agencies including (but not necessarily limited to) the GCC, MoT, the Department, Landcom, ensure that surface components of the project are integrated with surrounding landuse (existing and planned future, as relevant) as far as reasonable and feasible, consistent with the objectives of *Integrated Land Use and Transport* (DUAP 2001 or as updated), to minimise the potential for landuse conflicts. In particular:
  - a) design of Castle Hill station shall consider the *Castle Hill Draft Master Plan* (or as updated); and
  - b) Kellyville and Rouse Hill Stations and stabling facilities are to be integrated with the precinct planning for the Burns Road Release Area, Rouse Hill Regional Centre and the Area 20 precinct of the North West Growth Centre, as relevant.
- 2.3 The Proponent shall in consultation with relevant Government agencies, relevant Councils and relevant stakeholders ensure that ancillary infrastructure are located and designed to minimise biophysical and/ or amenity impacts, as far as reasonable and feasible.

- 2.4 The Proponent shall ensure that station precincts across the project provide a high degree of accessibility to all modes-of-access, consistent with the objectives of *Integrated Land Use and Transport* (DUAP 2001 or as updated).
- 2.5 The Proponent shall ensure that the surface components of the project affecting roads are designed to minimise traffic disruptions as far as reasonable and feasible, in consultation with the RTA and/ or relevant Councils.

### **Performance Standards**

- 2.6 In relation to operational noise and vibration, the Proponent shall ensure that:
  - a) the project rail corridor is designed consistent with the *Interim Guideline for the Assessment of Noise from Rail Infrastructure Projects* (DECC, 2007);
  - b) the project stabling facilities are designed consistent with the *Industrial Noise Policy* (EPA, 2000); and
  - c) the project is designed to consistent with *Assessing Vibration: A Technical Guideline* (DECC, 2006).
- 2.7 The Proponent shall ensure that any floodplain topography and/ or waterway affected by cut-and-cover construction methodology is re-instated and/ or rehabilitated consistent with pre-construction conditions.
- 2.8 The Proponent shall ensure that the biodiversity impacts associated with the project are offset consistent with the 'improve and maintain' principles of the *Growth Centres Commission Biodiversity Certification* process, in consultation with the DECC.

## **3. PROJECT APPLICATIONS AND SPECIFIC REQUIREMENTS**

- 3.1 Pursuant to section 75P(1)(a) of the *Environmental Planning and Assessment Act 1979*, the following environmental assessment requirements apply with respect to any projects related to this concept plan approval:
  - a) a detailed project description including:
    - i) confirmation of the alignment, station locations (including feasibility of any additional stations) and stabling arrangements; and
    - ii) the design and location of ancillary infrastructure;
  - b) a detailed project-specific statement of commitments, with regard to the statement of commitments prepared for the concept plan, clearly identifying any new or amended commitments relating to the project;
  - c) an updated assessment of statutory matters, where the project affects land that has not already been identified in the documents referred to in conditions 1.1 (a) to (d);
  - d) an assessment of Matters of National Environmental Significance, as relevant;
  - e) an appropriate and justified level of consultation with relevant Councils and relevant Government agencies including (but not limited to) RailCorp, MoT, GCC, Landcom, DECC, DPI (Fisheries), DWE, RTA, including a description of how agency and Council input has been considered in decisions on design and/ or mitigation;
  - f) an appropriate and justified level of consultation with relevant stakeholders including a description of how stakeholder input has been considered in decisions on design and/ or mitigation;
  - g) assessment of the key issues identified in conditions 3.2 to 3.16 of this approval, including of relevant ancillary infrastructure; and
  - h) assessment at an appropriate level of detail of the impacts and mitigation measures associated with any additional key issues of relevance to the project, identified during further design development, that are not specifically identified in this concept plan approval.



## **Property and Landuse**

- 3.2 The Proponent shall confirm the footprint of the project with respect to alignment, station precincts and ancillary infrastructure as far as reasonable and feasible, and describe the landuse impacts on existing and planned future use associated with any additional land take.

## **Traffic and Transport**

- 3.3 The Proponent shall review mode-of-access demand and peak traffic predictions at Epping Station taking into account the impact of ECRL operations on patronage distribution; and identify any required changes to mode-of-access arrangements at Epping.
- 3.4 The Proponent shall confirm mode-of-access arrangements at each new station, with consideration to (but not necessarily limited to) the following matters:
- a) at Cherrybrook Station – details of park and ride provisions, road access arrangements (including the feasibility of a signalised intersection between Castle Hill, Glenhope and Franklin Roads); and pedestrian and cycle linkages to the surrounding pedestrian catchments of Cherrybrook and West Pennant Hills;
  - b) at Castle Hill Station – investigation of options for shared use parking; bus access arrangements; and pedestrian and cycle linkages between the station and residential areas surrounding the Castle Hill town centre, retail areas within the town centre and the Castle Towers shopping centre;
  - c) at Hills Centre Station - details of park and ride provisions; road access arrangements; and pedestrian linkages to the Castle Hill industrial estate;
  - d) at Norwest Station - investigation of options for shared use parking; access for buses, kiss and ride and taxis; and pedestrian and bus linkages to the Norwest Business Park and surrounding residential catchments;
  - e) at Kellyville Station – details of park and ride provisions; bus interchange arrangements which are integrated to the Parramatta to Rouse Hill Transitway; and road, pedestrian and cycle access that are integrated with the planned provisions for the Balmoral Road Release Area; and
  - f) at Rouse Hill Station - bus interchange arrangements which are integrated to the Parramatta to Rouse Hill Transit way; and road, pedestrian and cycle access that are integrated with the planned provisions for the Rouse Hill Regional Centre.
- 3.5 The Proponent shall confirm the construction traffic impacts associated with the project, identifying:
- a) haulage routes;
  - b) peak congestion and intersection performance impacts at local and arterial roads considering cumulative impacts from surrounding development and from concurrent construction sites;
  - c) reasonable and feasible construction options at road crossings to avoid and/ or minimise traffic disruptions; and
  - d) requirements for road and/ or lane closure and alternative travel arrangements.

## **Noise and Vibration**

- 3.6 The Proponent shall review the noise and vibration impacts of the project during construction (including construction traffic) and operation, considering all reasonable and feasible mitigation options at existing and planned future receivers.

## **Geotechnical**

- 3.7 The Proponent shall identify risks to groundwater quality and/ or risks to surface water quality from contaminated groundwater during construction and operation, including measures to avoid, manage, mitigate and monitor impacts.
- 3.8 The Proponent shall identify the following matters in relation to the bored tunnel components of the project:
- a) existing groundwater conditions (level and quality), taking into consideration seasonal variability;



- b) local and regional drawdown impacts, including any groundwater users impacted by the project and measures to offset impacts;
- c) options for the sustainable use and/or disposal of tunnel inflow;
- d) measures to minimise the risk of bed cracking and loss of surface flow when tunnelling below creek lines and contingency measures for restoring affected waterways consistent with pre-construction conditions, including monitoring procedures and performance criteria;
- e) impacts to groundwater dependent ecological communities (affected by groundwater drawdown) and to riparian and instream ecology (affected by surface cracking and water flow impacts); and
- f) surface locations (and associated infrastructure) above the tunnel alignment that are likely to be at risk to land subsidence or settlement impacts, including relevant settlement design criteria and measures to minimise, monitor and offset impacts.

### **Surface Water and Hydrology**

- 3.9 For surface components of the project located on floodplains, the Proponent shall identify flood design criteria in accordance with the *Floodplain Development Manual* (2005), describing risks to existing and planned future receivers and infrastructure based on the modelling of a full range of flood sizes up to and including the probable maximum flood.
- 3.10 For temporary construction sites located on floodplains, the Proponent shall identify reasonable and feasible mitigation measures for mitigating flood risk, including procedures for restoring and monitoring any temporary creek diversions consistent with pre-construction conditions.
- 3.11 For cut and cover tunnel components which cross creek lines, the Proponent shall describe the proposed construction methodology, identifying measures to minimise the risk of bed cracking and loss of surface flow and contingency measures for restoring and monitoring waterways, consistent with pre-construction conditions.
- 3.12 The Proponent shall identify impacts to riparian and instream ecology from any direct disturbances to waterways and to flora and fauna from changes to creek flow or flood behaviour, during construction or operation.

### **Flora and Fauna**

- 3.13 The Proponent shall confirm the ecological impacts associated with the project with consideration to conditions 3.8 e) and 3.12, and identify measures to offset impacts, clearly distinguishing between measures to be provided as part of the *Growth Centres Commission Biodiversity Certification* process and other measures.

The Proponent shall describe how the effectiveness of the offset measures would be monitored, what actions shall be taken if measures are identified to be ineffective, the maintenance responsibilities, and timing of implementation of offset measures.

### **Indigenous Heritage**

- 3.14 The Proponent shall review the indigenous heritage impacts of the project considering cumulative impacts from surrounding development, consistent with:
- a) Steps 1 to 4 of the *Protocol for Aboriginal Stakeholder Involvement in the assessment of Aboriginal cultural heritage in the Sydney Growth Centres* (Context Pty Ltd, 2006a) and the *Precinct Assessment Method for Aboriginal Cultural Heritage in the Sydney Growth Centres* (Context Pty Ltd, 2006a), for land within the North West Growth Centre; and
  - b) *Guideline for Aboriginal Cultural Heritage Impacts Assessment and Community Consultation* (DECC July 2005), for all other areas.

The Proponent shall identify mitigation priorities with consideration to the regional significance of impacts.

**European Heritage**

- 3.15 The Proponent shall review the European Heritage impacts of the project, describing measures to minimise and/ or appropriately manage impacts.

**Visual and Urban Design**

- 3.16 The Proponent shall review the visual and urban design impacts and mitigation requirements for the project in accordance with Statement of Commitment 40 to 44; identifying the timing of implementation of urban design and landscaping measures, how the effectiveness of landscaping measures would be monitored, and maintenance responsibilities for relevant urban design and landscape measures.
-

**Consultation Stage 2 Responses to Proposed Survey Methodology**



# Darug Aboriginal Landcare Incorporated



**18 a Perigee Close  
Doonside  
NSW 2767**

ABN: 713 01006 04

Lyndon Patterson  
Senior Consultant

Re: North West Rail link:

Dear Lyndon,

The Darug Aboriginal Landcare Incorporated has no objections to the development of the North West Rail Link.

We agree with the methodology, we also agree with the recommendations in the report that has been sent to us.

We agree with the management and salvage of Aboriginal Heritage sites in those areas.

There is a need for further archaeological work to be carried out in the development area. We would like to be involved.

Respectfully yours,  
Des Dyer  
Public Officer  
Darug Aboriginal Land Care incorporation  
Fax (02) 88 14 95 47  
Mobile 0408 360 814

## Patterson, Lyndon

---

**From:** Steve Randall <[srandall@deerubbin.org.au](mailto:srandall@deerubbin.org.au)>  
**Sent:** Wednesday, 23 November 2011 1:41 PM  
**To:** Patterson, Lyndon  
**Subject:** NWRL Methodolgy

Lyndon,

Deerubbin Local Aboriginal Land Council has no problems with your methodology for the NWRL

Steve

---

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# Darug Aboriginal Cultural Heritage Assessments

ABN 51734106483

Gordon Morton

Mob: 0422 865 831

Fax: 45 677 421

Celestine Everingham

90 Hermitage Rd., Kurrajong Hills, 2758

Ph/Fax: 45677 421

Mob: 0432 528 896

29. 11. 11

Attention

Lynden Patterson

G. M. W.

Re Proposed Survey Methodology - North West Road Link

The above area is well known to us and Gordon Morton has had over 20 yrs field experience and in survey techniques and he is the native title claimant for the region and is aware of the cultural values and significance of the area. Our rates are \$660.00 each day. We have reviewed your methodology for the survey and we support your objectives.

Yours Sincerely,  
C. Everingham



## **Consultation Stage 2 Example of Information Provision Regarding Field Survey**

**Facsimile**

|            |  |                |                      |
|------------|--|----------------|----------------------|
| To:        | Darug Aboriginal Cultural Heritage Assessments | Date:          | 02/12/11             |
| Attention: | Gordon Morton and Celestine Everingham         | Facsimile:     | 4567 7421            |
| From:      | Lyndon Patterson, GML                          | Pages:         | 1 including this one |
| Subject:   | North West Rail Link Surveys                   | Our reference: | 11-8339dachac4       |

Dear Gordon and Celestine,

Thank you for your fax response dated 29/11/11.

Regarding the field surveys for NWRL for next week, if DACHA wish send a representative, please nominate their name and contact details. Below is the proposed survey schedule:

Tuesday 6 December – Tallawong Stabling Yards and Area 20. Meet at start of Cudgegong Road near electricity substation at 8.30am.

Thursday 8 December – Cumberledge to Balmoral Road to Samantha Riley Drive to Rouse Hill Shopping Centre. Meet Balmoral Road at 8.30am.

Friday 9 December – contingency day if we have bad weather or stakeholders wish to visit other locations.

Also below are the updated invoicing details for the Aboriginal consultation briefing day on 18 November 2011. If you have already sent the invoice, do not worry about it. If not, invoices should be made out to:

**AECOM Australia Pty Ltd**

**Attention: Mr Neville Hattingh**

**Principal Environmental Scientist**

# GML

AECOM have requested that all invoices be sent/mailed to me and I will forward them onto AECOM.

Regards

Lyndon Patterson

**Sydney**

78 George Street Redfern  
NSW Australia 2016

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F +61 2 9319 4383

**Canberra**

P0 Box 3171 Manuka  
ACT Australia 2603

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Godden Mackay Logan Pty Ltd  
ABN 60 001 179 362

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[heritage@gml.com.au](mailto:heritage@gml.com.au)

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**Consultation Stage 4 Example of Provision of Draft Report for RAP Review**



29 February 2012

Mr Kevin Cavanagh and Steven Randall  
Deerubbin Local Aboriginal Land Council  
P.O. Box 3184  
Mt. Druitt Village NSW 2770

Our Ref: 11-8339src2

**Re: North West Rail Link—Registered Aboriginal Party Review of Draft Report**

Dear Mr Cavanagh and Mr Randall,

As you are aware Transport for New South Wales (TfNSW) has been undertaking environmental assessment work for the proposed North West Rail Link (NWRL). In carrying out this work we have followed the Office of Environment and Heritage (OEH) guidelines for Aboriginal community consultation.

As a Registered Aboriginal Party late last year Deerubbin Local Aboriginal Land Council kindly supplied a representative to assist with our survey of the proposed seventeen construction sites associated with the NWRL.

The survey resulted in the identification of 27 physical Aboriginal sites and areas with potential archaeological deposits, which could be affected by the project. Please note that a number of additional sites were identified outside the footprint of the NWRL construction sites. During the survey, some RAPs provided oral comments on social values associated with the wider region and specific comments on scientific and Aboriginal social values attached to the sites observed. Some of these comments have been included in our report.

As a result of the survey, Godden Mackay Logan Pty Ltd & Jo McDonald Cultural Heritage Management (GML+JMCHM) prepared a draft Aboriginal Heritage Report, as a component of an Environmental Impact Statement. The Aboriginal Heritage Report complies with OEH guidelines for reporting and includes a chapter detailing the heritage mitigation requirements, which will form the basis for project approval. It should be noted that because this project is being assessed as a State Significant Infrastructure project under Part 4.1 of the *Environmental Planning and Assessment Act 1979*, the NWRL will not be required to obtain Section 90 Aboriginal Heritage Impact Permits for the construction work. It is therefore important that Deerubbin Local Aboriginal Land Council provides details and opinions of any further Aboriginal heritage management requirements for inclusion in the final report.

This report is attached for Deerubbin Local Aboriginal Land Council to review and comment upon. In line with OEH guidelines, your organisation is given four weeks to provide comments (from the date of this letter). Comments can be provided in written form, in letter, email or fax; or verbally, through discussion with a heritage consultant at GML+JMCHM.

**GML**

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Godden Mackay Logan Pty Ltd  
ABN 60 001 179 300  
www.gml.com.au  
Heritage Consultants

Please note that the NWRL project information forming part of this report has not yet been endorsed by the NSW Government. It would be most appreciated if this project information is restricted to the representative of Deerubbin Local Aboriginal Land Council and not be disclosed to other parties.

Following your review, we will incorporate relevant comments in the report and produce a final version of the report, which will be used for public display. Unless you state otherwise, all written comments received from Deerubbin Local Aboriginal Land Council will be appended to the revised report. Please note that the version of the report for public display will not contain mapping coordinates which identify Aboriginal sites.

All comments should be sent to GML+JMCHM by 28 March 2012. Please address all comments to Dr Tim Owen, and quote reference 11-0356. If you wish to provide verbal comment, please contact either Tim Owen or Diana Cowie on 02 9319 4811. We look forward to your comments and feedback.

Yours sincerely

**Godden Mackay Logan Pty Ltd & Jo McDonald Cultural Heritage Management**

The image shows two handwritten signatures in black ink. The signature on the left is 'Peter Romey' and the signature on the right is 'Tim Owen'.

**Peter Romey**  
**Partner**  
**Godden Mackay Logan Pty Ltd**

**Tim Owen**  
**Senior Associate**  
**Godden Mackay Logan Pty Ltd**

## **Consultation Stage 4 RAP Responses to Draft Report**





# Deerubbin Local Aboriginal Land Council

Level 2, 9 Tindale Street  
PENRITH NSW 2750

PO Box 40  
Penrith BC  
NSW 2751 AUSTRALIA

T: (02) 4724 5600  
F: (02) 4722 9713  
E: [Staff@deerubbin.org.au](mailto:Staff@deerubbin.org.au)  
W: <http://www.deerubbin.org.au>

AECOM Australia Pty Ltd  
C/- Godden MacKay Logan & Jo McDonald Cultural Heritage Management  
78 George Street  
SYDNEY NSW 2016

Our Ref: 2238

12 March 2012

**SUBJECT: PROTECTION OF ABORIGINAL CULTURAL HERITAGE**  
**Proposed North West Rail Link**  
**Castle Hill to Tallawong Stabling Yards**  
**Schofield**

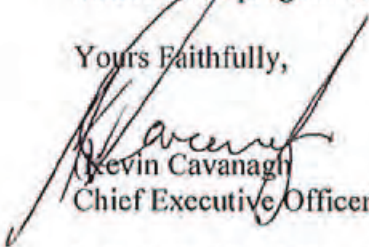
Attention: Lyndon Paterson,

A representative of the Deerubbin Local Aboriginal Land Council inspected the proposed North West Rail Link Corridor & Stations on 29<sup>th</sup> 30<sup>th</sup> November and 1<sup>st</sup> December 2011. An Aboriginal cultural heritage assessment was undertaken to evaluate the likely impact the proposed development has on the cultural heritage of the land.

Our representative reports that, a number of areas within the Land Council boundary have the potential to contain subsurface Aboriginal cultural materials namely, the Hills Centre, Kellyville, Samantha Riley Drive, Rouse Hill and the Tallawong stabling yards, as well as near the waterways along the rail route

Deerubbin LALC therefore, recommends that further investigation be undertaken with salvage /excavations program before any development occurs.

Yours Faithfully,

  
(Kevin Cavanagh  
Chief Executive Officer)

C.c. Miranda Morton – Office of Environment & Heritage

# Darug Aboriginal Cultural Heritage Assessments

ABN 51734106483

Gordon Morton

Mob: 0422 865 831

Fax: 45 677 421

Celestine Everingham

90 Hermitage Rd., Kurrajong Hills, 2758

Ph/Fax: 45677 421

Mob: 0432 528 896

7. 3. 12

Attention

Tim Owen - Ref 11-0356

G. M. H.

re North West Rail Link

DACA have reviewed your draft report on the above rail link and we support your Summary of Darug Heritage Management, Mitigations & Recommendations. We wish to participate in all future field work in these very important Darug landscapes. We look forward to working with you on this project

Yours Sincerely  
C. Everingham



## Cowie, Diana

---

**From:** Owen, Tim  
**Sent:** Monday, 26 March 2012 9:08 AM  
**To:** Cowie, Diana  
**Subject:** FW: Ref 11-0356 attention Tim Owen

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

**Categories:** Red Category

Dr Tim Owen | Associate

**Godden Mackay Logan | Heritage Consultants**

78 George Street, Redfern NSW 2016

Tel: 02 9319 4811 Fax: 02 9319 4383

[www.gml.com.au](http://www.gml.com.au)

---

**From:** Vernon, Jane  
**Sent:** Friday, 23 March 2012 2:44 PM  
**To:** Owen, Tim  
**Subject:** FW: Ref 11-0356 attention Tim Owen

**From:** Wendy Goonan [mailto:secretary@bidjigal.org.au]  
**Sent:** Friday, 23 March 2012 1:37 PM  
**To:** Godden Mackay Logan  
**Cc:** chair@bidjigal.org.au  
**Subject:** Ref 11-0356 attention Tim Owen

Dear Tim,

Thank you for your letter dated 16<sup>th</sup> March 2012 regarding the North West Rail Link – Registered Aboriginal Party Review of Draft Report.

Bidjigal Reserve Trust manages Bidjigal Reserve, a substantial bushland located south of the proposed route of the North West Rail Link in West Pennant Hills and Castle Hill.

It is unlikely that the Rail Link will impact on the Aboriginal Cultural Heritage of the Reserve in any way. All Aboriginal members of the Bidjigal Reserve Trust Board have been contacted by your process already (Darug Tribal Aboriginal Corporation, Darug Custodian Aboriginal Corporation, and Tony Williams), and none have raised concerns with the Trust Board about this project impacting on the Reserve.

Thus Bidjigal Reserve Trust has no need to make any submission on the Report.

Regards

Wendy Goonan

*Wendy Goonan*

Secretary

Bidjigal Reserve Trust

Tel: 0487 782 808 | [secretary@bidjigal.org.au](mailto:secretary@bidjigal.org.au) | [www.bidjigal.org.au](http://www.bidjigal.org.au)

PO Box 382 Baulkham Hills NSW 1755





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## **Appendix C**

AHIMS Search Results





| SITE_ID   | SITE_NAME                               | PRIMARY_LO | GENDER_RES | GENERAL_RE | LOCATION_R | PUBLIC_ACC | FURTHER_IN | TRUSTEE1_I | TRUSTEE2_I | PRIMARY_KN | CULTURAL_O | CONTEXT | LALC_ID | LGA_ID | ADMIN_ID | SLOPE_ID | LAND_USE_I | DISTANCE_P | DISTANCE_T | PERM_WATER | TEMP_WATER | EVIDENCE | VALIDITY_S |      |
|-----------|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---------|--------|----------|----------|------------|------------|------------|------------|------------|----------|------------|------|
| 45-5-2584 | LC NPM 1                                | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2585 | LCNPM 2                                 | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2517 | PK/GD2                                  | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2496 | RHGC 1                                  | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2465 | Parramatta Regional Park (IF3)          | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1467   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2463 | Parramatta Regional Park (IF1)          | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1467   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2464 | Parramatta Regional Park (IF2)          | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1467   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2443 | Belvis 4                                | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2439 | RHRP-1;Rouse Hill Regional Park;        | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2027 | PK/GD1 near Parklea                     | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2006 | RH/SP13;Rouse Hill;                     | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | PDSY       | PDSY |
| 45-5-2018 | Belvis 3 (Bella Vista)                  | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2019 | Belvis 2 (Bella Vista)                  | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2020 | Belvis 1 (Bella Vista)                  | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2598 | CSIRO 3 (CSIRO North Ryde)              | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2599 | CSIRO 2 (CSIRO North Ryde)              | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2415 | RHRP-2;Rouse Hill Regional Park;        | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2418 | IF-1;Glenmore Dairy;                    | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2232 | Depression Cave;                        | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1436   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2236 | Blue Gum Cave;                          | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2310 | Hand Hold Cave;                         | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1490   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2311 | Rope Swing Cave;                        | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1506   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2216 | Lane_Cove_#1                            | 1173       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2508 | Delhi Road;                             | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-1523 | George St Parramatta;Family Law Courts; | 1173       |            |            |            |            |            |            |            |            |            |         | 1042    | 1467   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-1558 | Delhi Road;North Ryde;                  | 1171       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-1432 | Vineyard Creek 2;Telopea;               | 1171       |            |            |            |            |            |            |            |            |            |         | 1071    | 1467   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-1449 | Vineyard Creek 1;Telopea;               | 1171       |            |            |            |            |            |            |            |            |            |         | 1071    | 1467   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2408 | Bella Vista 2;                          | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-0808 | RH 2;Rouse Hill;RH/SP2;                 | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-0981 | OWR IF 2;                               | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-0989 | OWR IF2;                                | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-1005 | IFCH1                                   | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1427   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | NAS        | NAS  |
| 45-6-2554 | Elizabeth Farmhouse                     | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1467   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2559 | Sydney Turf Club Carpark;STC Carpark;   | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1467   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2209 | Carters creek.                          | 1173       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2210 | Blue Gum creek                          | 1173       |            |            |            |            |            |            |            |            |            |         | 1071    | 1506   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-2211 | Lane Cove 3                             | 1173       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-5-2348 | RH 46;                                  | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |
| 45-6-1235 | Epping;Lane Cove River;                 | 1171       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     |          |            | 0          | 0.00       | 0.00       | 0          | 0        | VAL        | VAL  |

| SITE_ID   | MANG_STATU | PERMIT_LAP | CONSERV_MA | REF_REPORT | EIS_REPORT | HERITAGE_I | SCHED_OF_W | NPWS_FILE | FILE_NUMBE | MGMT_SUMMA | RECEIVED_D | ASRSYS | ENTERED_BY | ENTERED_DA | SITE_CARD | PHOTOGRAPH | CMA_ID | LANDFORM_I | EPRD_ID | STATE_ARCH | BPMC_ID         | AMS_FUNC_L | AMS_EQPT_N | AMS_FEATUR | SHAPE_FID |
|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|--------|------------|------------|-----------|------------|--------|------------|---------|------------|-----------------|------------|------------|------------|-----------|
| 45-5-2584 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 18/04/2001 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/386 | 327        | 0          | 0          | 1368860   |
| 45-5-2585 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 18/04/2001 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/386 | 327        | 0          | 0          | 1368861   |
| 45-5-2517 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/385 | 259        | 0          | 0          | 1368793   |
| 45-5-2496 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/385 | 259        | 0          | 0          | 1368772   |
| 45-5-2465 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 647     | 343        | NRS/17798/1/384 | 0          | 0          | 0          | 1368741   |
| 45-5-2463 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 647     | 343        | NRS/17798/1/384 | 0          | 0          | 0          | 1368739   |
| 45-5-2464 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 647     | 343        | NRS/17798/1/384 | 0          | 0          | 0          | 1368740   |
| 45-5-2443 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/384 | 259        | 0          | 0          | 1368719   |
| 45-5-2439 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/384 | 276        | 0          | 0          | 1368715   |
| 45-5-2027 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 0       | 343        | NRS/17798/1/380 | 259        | 0          | 0          | 1368521   |
| 45-5-2006 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/380 | 276        | 0          | 0          | 1368500   |
| 45-5-2018 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/380 | 259        | 0          | 0          | 1368512   |
| 45-5-2019 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/380 | 259        | 0          | 0          | 1368513   |
| 45-5-2020 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/380 | 259        | 0          | 0          | 1368514   |
| 45-6-2598 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/430 | 327        | 0          | 0          | 1372327   |
| 45-6-2599 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/430 | 327        | 0          | 0          | 1372328   |
| 45-5-2415 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/383 | 276        | 0          | 0          | 1368691   |
| 45-5-2418 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/383 | 259        | 0          | 0          | 1368694   |
| 45-6-2232 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/424 | 287        | 0          | 0          | 1371981   |
| 45-6-2236 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/424 | 327        | 0          | 0          | 1371985   |
| 45-6-2310 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/425 | 320        | 0          | 0          | 1372057   |
| 45-6-2311 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/425 | 327        | 0          | 0          | 1372058   |
| 45-6-2216 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 0       | 343        | NRS/17798/1/424 | 327        | 0          | 0          | 1371967   |
| 45-6-2508 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/428 | 327        | 0          | 0          | 1372243   |
| 45-6-1523 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 647     | 343        | NRS/17798/1/415 | 0          | 0          | 0          | 1371330   |
| 45-6-1558 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/415 | 327        | 0          | 0          | 1371339   |
| 45-6-1432 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/414 | 0          | 0          | 0          | 1371244   |
| 45-6-1449 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/414 | 0          | 0          | 0          | 1371261   |
| 45-5-2408 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/383 | 259        | 0          | 0          | 1368685   |
| 45-5-0808 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 0       | 343        | NRS/17798/1/375 | 259        | 0          | 0          | 1368214   |
| 45-5-0981 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/378 | 259        | 0          | 0          | 1368370   |
| 45-5-0989 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/378 | 259        | 0          | 0          | 1368378   |
| 45-5-1005 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 0       | 343        | NRS/17798/1/378 | 287        | 0          | 0          | 1368394   |
| 45-6-2554 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/429 | 0          | 0          | 0          | 1372286   |
| 45-6-2559 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/429 | 0          | 0          | 0          | 1372291   |
| 45-6-2209 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/424 | 327        | 0          | 0          | 1371960   |
| 45-6-2210 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/424 | 327        | 0          | 0          | 1371961   |
| 45-6-2211 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 1128    | 343        | NRS/17798/1/424 | 327        | 0          | 0          | 1371962   |
| 45-5-2348 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 39         | 642     | 343        | NRS/17798/1/382 | 276        | 0          | 0          | 1368625   |
| 45-6-1235 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | ASRSYS | ENTERED BY | 28/02/1993 |           |            | 0      | 41         | 652     | 343        | NRS/17798/1/411 | 327        | 0          | 0          | 1371062   |



| SITE_ID   | SITE_NAME                        | PRIMARY_LO | GENDER_RES | GENERAL_RE | LOCATION_R | PUBLIC_ACC | FURTHER_IN | TRUSTEE1_I | TRUSTEE2_I | PRIMARY_KN | CULTURAL_O | CONTEXT | LALC_ID | LGA_ID | ADMIN_ID | SLOPE_ID | LAND_USE_I | DISTANCE_P | DISTANCE_T | PERM_WATER | TEMP_WATER | EVIDENCE  | VALIDITY_S |
|-----------|----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---------|--------|----------|----------|------------|------------|------------|------------|------------|---|------------|
| 45-5-0926 | RH/CD 10                         | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0 ?;       |   | VAL        |
| 45-5-0933 | RH/CD 9;Rouse Hill;              | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0 ?;       |   | VAL        |
| 45-5-0940 | PK/CD7;Rouse Hill;               | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0 ?;       |   | VAL        |
| 45-6-2570 | Kissing Point Rd                 | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-1104 | Belvis 5                         | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-1156 | Epping;Terrys Creek Cave;        | 1171       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2290 | RH/SP9 Rouse Hill                | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0 ?;       |   | VAL        |
| 45-6-2268 | Big River Cave;                  | 1167       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | Very large shelter only 20ft' from edge;of Lane Cove River. Shells in Miden;include Rock Oyster (Saccostrea;commercialis), Sydney Cockle (Anadara;trapezia), Hairy Mussel (Trichomya;hirsuta), Hercules Clubwelk (Pyrazus;ebeninus).; | VAL        |
| 45-5-0956 | OWR 1;                           | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0 ?;       |   | VAL        |
| 45-5-0957 | OWR 2;Rouse Hill;                | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0 ?;       |   | VAL        |
| 45-5-0958 | OWR 3;Rouse Hill;                | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0 ?;       |   | VAL        |
| 45-5-0959 | OWR 4 (Rouse Hill)               | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0 ?;       |   | VAL        |
| 45-5-0960 | OWR 5 (Rouse Hill)               | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-0961 | OWR 6;Rouse Hill;                | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-0962 | OWR 7;Rouse Hill;                | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-0864 | Governors Bathhouse;             | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | Recorder, Cameron, B. removed 18.12.96;[?] Local Rock Type is Wianamatta Shale.   | VAL        |
| 45-6-1252 | LC#4 Chatswood                   | 1173       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | Additional Information.;  | VAL        |
| 45-6-1946 | Blue Gum Creek;                  | 1173       |            |            |            |            |            |            |            |            |            |         | 1071    | 1506   | 1286     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2365 | KV/CD1;                          | 1167       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-0132 | Castle Hill;                     | 1171       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-0136 | Stanhope;Kellyville;             | 1171       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-1633 | Fullers Park Lane Cove River SRA | 1171       |            |            |            |            |            |            |            |            |            |         | 1071    | 1506   | 1286     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-1653 | Ironbarks                        | 1173       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-1953 | Pages Creek Cave;                | 1173       |            |            |            |            |            |            |            |            |            |         | 1071    | 1476   | 1286     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | sitetype (12) added to record.  | VAL        |
| 45-5-0762 | Parramatta Park                  | 1173       |            |            |            |            |            |            |            |            |            |         | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | 16.12.96;   | VAL        |
| 45-5-0492 | Bella Vista 1                    | 1173       |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0 ?;       |   | VAL        |
| 45-5-2649 | Windsor Road 1                   | 0          |            |            |            |            |            |            |            |            |            |         | 1042    | 1369   | 1288     | 1054     | 736        | 0.40       | 0.00       | 2215       | 0          |   | VAL        |

| SITE_ID   | MANG_STATU | PERMIT_LAP | CONSERV_MA | REF_REPORT | EIS_REPORT | HERITAGE_I | SCHED_OF_W | NPWS_FILE | FILE_NUMBE | MGMT_SUMMA   | RECEIVED_D | ENTERED_BY | ENTERED_DA | SITE_CARD | PHOTOGRAPH | CMA_ID | LANDFORM_I | EPRD_ID | STATE_ARCH      | BPMC_ID | AMS_FUNC_L | AMS_EQPT_N | AMS_FEATUR | SHAPE_FID |
|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|--|------------|------------|------------|-----------|------------|--------|------------|---------|-----------------|---------|------------|------------|------------|-----------|
| 45-5-0926 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/377 | 259     |            | 0          | 0          | 1368320   |
| 45-5-0933 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/377 | 259     |            | 0          | 0          | 1368327   |
| 45-5-0940 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/377 | 276     |            | 0          | 0          | 1368334   |
| 45-6-2570 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 652        | 343     | NRS/17798/1/429 | 0       | 0          | 0          | 0          | 1372302   |
| 45-5-1104 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 642        | 343     | NRS/17798/1/380 | 259     |            | 0          | 0          | 1368492   |
| 45-6-1156 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 1128       | 343     | NRS/17798/1/410 | 327     |            | 0          | 0          | 1370990   |
| 45-5-2290 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/381 | 259     |            | 0          | 0          | 1368569   |
| 45-6-2268 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            | Hard copy of site card not found in compactus.                         |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 1128       | 343     | NRS/17798/1/425 | 327     |            | 0          | 0          | 1372017   |
| 45-5-0956 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/377 | 276     |            | 0          | 0          | 1368345   |
| 45-5-0957 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/377 | 276     |            | 0          | 0          | 1368346   |
| 45-5-0958 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/377 | 276     |            | 0          | 0          | 1368347   |
| 45-5-0959 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/377 | 276     |            | 0          | 0          | 1368348   |
| 45-5-0960 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/377 | 276     |            | 0          | 0          | 1368349   |
| 45-5-0961 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/377 | 276     |            | 0          | 0          | 1368350   |
| 45-5-0962 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/377 | 259     |            | 0          | 0          | 1368351   |
| 45-5-0864 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            | Site is part of previously recorded site 45-5-0762 (Parramatta Park 1) |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 647        | 343     | NRS/17798/1/376 | 0       |            | 0          | 0          | 1368270   |
| 45-6-1252 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 0          | 343     | NRS/17798/1/411 | 327     |            | 0          | 0          | 1371076   |
| 45-6-1946 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 1128       | 343     | NRS/17798/1/421 | 327     |            | 0          | 0          | 1371708   |
| 45-5-2365 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 0          | 343     | NRS/17798/1/382 | 259     |            | 0          | 0          | 1368642   |
| 45-5-0132 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/367 | 259     |            | 0          | 0          | 1367579   |
| 45-5-0136 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/367 | 259     |            | 0          | 0          | 1367583   |
| 45-6-1633 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 1128       | 343     | NRS/17798/1/416 | 327     |            | 0          | 0          | 1371408   |
| 45-6-1653 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 1128       | 343     | NRS/17798/1/417 | 327     |            | 0          | 0          | 1371428   |
| 45-6-1953 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 652        | 343     | NRS/17798/1/421 | 327     |            | 0          | 0          | 1371714   |
| 45-5-0762 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 41     | 647        | 343     | NRS/17798/1/375 | 0       |            | 0          | 0          | 1368169   |
| 45-5-0492 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ASRSYS     | 28/02/1993 |           | 0          | 39     | 642        | 343     | NRS/17798/1/371 | 259     |            | 0          | 0          | 1367932   |
| 45-5-2649 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKP    | 9/04/2002  |           | 0          | 39     | 642        | 343     | NRS/17798/1/387 | 259     |            | 0          | 0          | 1368925   |

| SITE_ID   | SITE_NAME   | PRIMARY_LO | GENDER_RES | GENERAL_RE | LOCATION_R | PUBLIC_ACC | FURTHER_IN | TRUSTEE1_I | TRUSTEE2_I | PRIMARY_KN | CULTURAL_O | CONTEXT | LALC_ID | LGA_ID | ADMIN_ID | SLOPE_ID | LAND_USE_I | DISTANCE_P | DISTANCE_T | PERM_WATER | TEMP_WATER | EVIDENCE  | VALIDITY_S |
|-----------|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---------|--------|----------|----------|------------|------------|------------|------------|------------|---|------------|
| 45-6-2627 | HP-1  | 0          |            | 0          | 0          | 0          | 581        | 1956       | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 738        | 0.00       | 0.00       | 0          | 0          | Isolated Relic, may have been relocated to this location. One relic remains Two faces of relic have retouch. No further material was recorded. Relic lying on surface. Type was medium grain silcrete with calcified corer on one surface | VAL        |
| 45-5-2774 | Bella Vista 5   | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2805 | RH/SP15   | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2807 | RH/SP16   | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.01       | 0.00       | 10448      | 0          |   | VAL        |
| 45-6-2649 | Lane Cove River PAD 1                                 | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1071    | 1476   | 1286     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2754 | T4  | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2755 | T3  | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2756 | T1  | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2757 | T2  | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2856 | Parramatta Park Macquarie Entrance PAD                | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2904 | PAD 2   | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2905 | PAD 3   | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2661 | Lane Cove PAD 1                                       | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1071    | 1436   | 1286     | 1056     | 737        | 0.00       | 0.00       | 1176       | 0          |   | VAL        |
| 45-6-2678 | SSP1 (formerly Smith Street PAD)                      | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2668 | Argyle St   | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2669 | Kendall Street, Harris Park                           | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3289 | BVFP1   | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1175       | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3290 | BVFP2   | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1175       | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2679 | Parramatta Children's Court                           | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2738 | James Ruse Reserve Open Camp 1                        | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2972 | Solent Circuit  | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | DSY   | VAL        |
| 45-6-2717 | Will-144 Mowbray Park                                 | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1071    | 1506   | 1286     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2718 | Will-145 - Mowbray Park                               | 1174       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1071    | 1506   | 1286     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2686 | Civic Place PAD                                       | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-2979 | PAD 1 Windsor Road                                    | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3063 | Burns Road Compound PAD                               | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3064 | Burns Road North IF1                                  | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2751 | Marsden St Carpark                                    | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2746 | Old Hospital Site Parramatta Health Services Precinct | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2741 | Parramatta Transport Interchange PAD                  | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3090 | SPC-PAD33   | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |



| SITE_ID   | MANG_STATU | PERMIT_LAP | CONSERV_MA | REF_REPORT | EIS_REPORT | HERITAGE_I | SCHED_OF_W | NPWS_FILE | FILE_NUMBE | MGMT_SUMMA   | RECEIVED_D | ENTERED_BY | ENTERED_DA | SITE_CARD | PHOTOGRAPH | CMA_ID | LANDFORM_I | EPRD_ID         | STATE_ARCH | BPMC_ID | AMS_FUNC_L | AMS_EQPT_N | AMS_FEATUR | SHAPE_FID |
|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|--|------------|------------|------------|-----------|------------|--------|------------|-----------------|------------|---------|------------|------------|------------|-----------|
| 45-6-2627 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            | from intersection of Good & Bowden Streets No. 29 eastern entrance in garden bed |            | HOCHSICB   | 8/01/2002  | 0         | 41         | 647    | 343        | NRS/17798/1/430 | 0          |         |            | 0          | 0          | 1372356   |
| 45-5-2774 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ATKINSV    | 19/07/2002 | 0         | 39         | 642    | 343        | NRS/17798/1/388 | 259        |         |            | 0          | 0          | 1369050   |
| 45-5-2805 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | KELLYD     | 12/08/2002 | 0         | 39         | 642    | 343        |                 | 276        |         |            | 0          | 0          | 1369081   |
| 45-5-2807 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ELDERSG    | 22/08/2002 | 0         | 39         | 642    | 343        | NRS/17798/1/389 | 276        |         |            | 0          | 0          | 1369083   |
| 45-6-2649 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKXP   | 2/12/2002  | 0         | 41         | 1128   | 343        |                 | 327        |         |            | 0          | 0          | 1372378   |
| 45-5-2754 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ATKINSV    | 18/07/2002 | 0         | 39         | 642    | 343        | NRS/17798/1/388 | 276        |         |            | 0          | 0          | 1369030   |
| 45-5-2755 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ATKINSV    | 18/07/2002 | 0         | 39         | 642    | 343        | NRS/17798/1/388 | 276        |         |            | 0          | 0          | 1369031   |
| 45-5-2756 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ATKINSV    | 18/07/2002 | 0         | 39         | 642    | 343        | NRS/17798/1/388 | 276        |         |            | 0          | 0          | 1369032   |
| 45-5-2757 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ATKINSV    | 18/07/2002 | 0         | 39         | 642    | 343        | NRS/17798/1/388 | 276        |         |            | 0          | 0          | 1369033   |
| 45-5-2856 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKXP   | 5/05/2003  | 0         | 41         | 647    | 343        |                 | 0          |         |            | 0          | 0          | 1369132   |
| 45-5-2904 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ROBERTG    | 20/02/2004 | 0         | 39         | 0      | 343        | NRS/17798/1/390 | 259        |         |            | 0          | 0          | 1369180   |
| 45-5-2905 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ROBERTG    | 20/02/2004 | 0         | 39         | 0      | 343        | NRS/17798/1/390 | 259        |         |            | 0          | 0          | 1369181   |
| 45-6-2661 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKXP   | 20/06/2003 | 0         | 41         | 1128   | 343        | NRS/17798/1/431 | 287        |         |            | 0          | 0          | 1372990   |
| 45-6-2678 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKXP   | 26/02/2004 | 0         | 41         | 647    | 343        |                 | 0          |         |            | 0          | 0          | 1372407   |
| 45-6-2668 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKXP   | 21/10/2003 | 0         | 41         | 647    | 343        |                 | 0          |         |            | 0          | 0          | 1372397   |
| 45-6-2669 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKXP   | 6/11/2003  | 0         | 41         | 647    | 343        |                 | 0          |         |            | 0          | 0          | 1372398   |
| 45-5-3289 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | KUKICI     | 7/02/2007  | 0         | 39         | 642    | 343        |                 | 259        |         |            | 0          | 0          | 1369565   |
| 45-5-3290 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | KUKICI     | 7/02/2007  | 0         | 41         | 642    | 343        |                 | 259        |         |            | 0          | 0          | 1369566   |
| 45-6-2679 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | ROBERTG    | 1/03/2004  | 0         | 41         | 647    | 343        | NRS/17798/1/431 | 0          |         |            | 0          | 0          | 1372408   |
| 45-6-2738 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKXP   | 27/08/2004 | 0         | 41         | 647    | 343        | NRS/17798/1/431 | 0          |         |            | 0          | 0          | 1372467   |
| 45-5-2972 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | CZASTKA    | 25/05/2004 | 0         | 39         | 0      | 343        |                 | 259        |         |            | 0          | 0          | 1369248   |
| 45-6-2717 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSPIH   | 28/07/2004 | 0         | 41         | 1128   | 343        | NRS/17798/1/431 | 327        |         |            | 0          | 0          | 1372446   |
| 45-6-2718 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSPIH   | 28/07/2004 | 0         | 41         | 1128   | 343        | NRS/17798/1/431 | 327        |         |            | 0          | 0          | 1372447   |
| 45-6-2686 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | CZASTKA    | 29/06/2004 | 0         | 41         | 647    | 343        |                 | 0          |         |            | 0          | 0          | 1372415   |
| 45-5-2979 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | CZASTKA    | 30/06/2004 | 0         | 39         | 642    | 343        |                 | 259        |         |            | 0          | 0          | 1369255   |
| 45-5-3063 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKXP   | 14/06/2005 | 0         | 39         | 642    | 343        |                 | 259        |         |            | 0          | 0          | 1369339   |
| 45-5-3064 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKXP   | 14/06/2005 | 0         | 39         | 642    | 343        |                 | 259        |         |            | 0          | 0          | 1369340   |
| 45-6-2751 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOCHSKXP   | 14/06/2005 | 0         | 41         | 647    | 343        | NRS/17798/1/432 | 0          |         |            | 0          | 0          | 1372480   |
| 45-6-2746 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOSZTMXK   | 17/03/2005 | 0         | 41         | 647    | 343        |                 | 0          |         |            | 0          | 0          | 1372475   |
| 45-6-2741 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | HOSZTMXK   | 7/02/2005  | 0         | 41         | 647    | 343        |                 | 0          |         |            | 0          | 0          | 1372470   |
| 45-5-3090 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |  |            | MARTINGE   | 6/12/2005  | 0         | 39         | 642    | 343        |                 | 276        |         |            | 0          | 0          | 1369366   |

| SITE_ID   | SITE_NAME  | PRIMARY_LO | GENDER_RES | GENERAL_RE | LOCATION_R | PUBLIC_ACC | FURTHER_IN | TRUSTEE1_I | TRUSTEE2_I | PRIMARY_KN | CULTURAL_O | CONTEXT | LALC_ID | LGA_ID | ADMIN_ID | SLOPE_ID | LAND_USE_I | DISTANCE_P | DISTANCE_T | PERM_WATER | TEMP_WATER | EVIDENCE  | VALIDITY_S |
|-----------|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---------|--------|----------|----------|------------|------------|------------|------------|------------|---|------------|
| 45-5-3188 | Mungerie Park Open Artefact Scatter and associated PAD<br>Marsden Street<br>RH/SP 17<br>WR-IF-1<br>MTW | 1174       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1174       | 0/0        |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | Open Artefact Scatter & PAD<br>On the Eastern side of Windsor road before the intersection of Windsor Road and Schofields Road and on the southern side of House Road, Rouse Hill, NSW  | VAL        |
| 45-5-3186 |  | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1167       | 0/0        |         | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3108 |  | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1167       | 0/0        |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3158 |  | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1167       | 0/0        |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3077 |  | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0/0        |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2795 | 150 Marsden Street Parramatta PAD  | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1167       | 0/0        |         | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | Lot 7 in DP 67619 found under Legacy House, Parramatta.<br>The study area is situated within the Parramatta CBD 25 kms west of Sydney on the Eastern Cumberland Plain. The site is located on the Western side of Marsden Street between George and Macquarie S | VAL        |
| 45-5-3354 | BR01   | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1167       | 0/0        |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2861 | FR01   | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1167       | 0/0        |         | 1071    | 1477   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3355 | SCR/UPG1   | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1167       | 0/0        |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3356 | SCR/UPG2   | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 1167       | 0/0        |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3392 | Pole 45 and Compound   | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0/0        |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | VAL   | VAL        |
| 45-5-2005 | RH/SP14;Rouse Hill;  | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0/0        |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | VAL   | VAL        |
| 45-6-2572 | McKillop Place;  | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0/0        |         | 1071    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | Site destroyed by construction of 2 new homes. As shown by field survey of Parramatta in July 2002 by Mary Dallas.  | VAL        |
| 45-5-3517 | Pole 45 and Compound.  | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0/0        |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3549 | W1 (Kellyville)  | 1174       |            | 0          | 0          | 0          | 583        | 2077       | 0          | 0          | 0/0        |         | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-6-2939 | Balgowlah Cave   | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0/0        |         | 1071    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | VAL        |
| 45-5-3630 | Macquarie St PAD   | 1167       |            | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0/0        |         | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |   | DSY        |
| 45-5-3844 | MA1 (Riverstone)   | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0/0        |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | VAL   | VAL        |
| 45-5-3845 | MA2 (Riverstone)   | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0/0        |         | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          | VAL   | VAL        |

| SITE_ID   | MANG_STATU | PERMIT_LAP | CONSERV_MA | REF_REPORT | EIS_REPORT | HERITAGE_I | SCHED_OF_W | NPWS_FILE | FILE_NUMBE | MGMT_SUMMA  | RECEIVED_D | ENTERED_BY | ENTERED_DA | SITE_CARD  | PHOTOGRAPH | CMA_ID | LANDFORM_I | EPRD_ID              | STATE_ARCH | BPMC_ID | AMS_FUNC_L | AMS_EQPT_N | AMS_FEATUR | SHAPE_FID |
|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|---|------------|------------|------------|------------|------------|--------|------------|----------------------|------------|---------|------------|------------|------------|-----------|
| 45-5-3188 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            | Section 90 Consent to<br>Destroy issued by DEC<br>(December 2005) |            | GORDOND    | 6/03/2006  | 0          | 39         | 642    | 343        | NRS/17798/1/392      | 259        |         | 0          | 0          | 1369464    |           |
| 45-5-3186 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | TORRESC    | 19/01/2006 | 0          | 41         | 647    | 343        | NRS/17798/1/392      | 0          |         | 0          | 0          | 1369462    |           |
| 45-5-3108 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | TORRESC    | 20/12/2005 | 0          | 39         | 642    | 343        | NRS/17798/1/391      | 276        |         | 0          | 0          | 1369384    |           |
| 45-5-3158 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | TORRESC    | 16/01/2006 | 0          | 39         | 642    | 343        | NRS/17798/1/392      | 259        |         | 0          | 0          | 1369434    |           |
| 45-5-3077 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            |            | HOCHSKXP   | 20/09/2005 | 0          | 39     | 642        | 343                  |            | 259     |            | 0          | 0          | 1369353   |
|           |            |            |            |            |            |            |            |           |            |   |            |            |            |            |            |        |            |                      |            |         |            |            |            |           |
| 45-6-2795 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | GORDOND    | 16/02/2006 | 0          | 41         | 647    | 343        | NRS/17798/1/432      | 0          |         | 0          | 0          | 1372524    |           |
| 45-5-3354 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | TORRESC    | 20/08/2007 | 0          | 39         | 642    | 343        |                      | 259        |         | 0          | 0          | 1369630    |           |
| 45-6-2861 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | TORRESC    | 20/08/2007 | 0          | 39         | 652    | 343        |                      |            | 287     | 0          | 0          | 1372590    |           |
| 45-5-3355 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | TORRESC    | 20/08/2007 | 0          | 39         | 642    | 343        |                      |            | 276     | 0          | 0          | 1369631    |           |
| 45-5-3356 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | TORRESC    | 20/08/2007 | 0          | 39         | 642    | 343        |                      |            | 276     | 0          | 0          | 1369632    |           |
| 45-5-3392 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | HOSZTMXK   | 30/01/2008 | 0          | 39         | 642    | 343        |                      |            | 276     | 0          | 0          | 1369668    |           |
| 45-5-2005 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | ASRSYS     | 28/02/1993 | 0          | 39         | 642    | 343        | NRS/17798/1/380      | 276        |         | 0          | 0          | 1368499    |           |
|           |            |            |            |            |            |            |            |           |            |   |            |            |            |            |            |        |            |                      |            |         |            |            |            |           |
| 45-6-2572 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | ASRSYS     | 28/02/1993 | 0          | 41         | 652    | 343        | NRS/17798/1/429      | 0          |         | 0          | 0          | 1372304    |           |
| 45-5-3517 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | DAYE       | 6/08/2008  | 0          | 39         | 642    | 343        |                      | 276        |         | 0          | 0          | 1369793    |           |
| 45-5-3549 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | DAYE       | 5/09/2008  | 0          | 39         | 642    | 343        |                      | 276        |         | 0          | 0          | 1369825    |           |
| 45-6-2939 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | DAYE       | 2/07/2009  | 0          | 41         | 1128   | 343        |                      |            | 0       | 0          | 0          | 1398540    |           |
| 45-5-3630 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | STANBOC    | 8/04/2009  | 0          | 41         | 0      | 343        |                      |            | 0       | 0          | 0          | 1369906    |           |
| 45-5-3844 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | DAYE       | 12/05/2010 | 0          | 39         | 642    | 343        | CD in TRIM NSR11/476 | 259        |         | 0          | 0          | 1428270    |           |
| 45-5-3845 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |   |            | DAYE       | 12/05/2010 | 0          | 39         | 642    | 343        | CD in TRIM NSR11/476 | 259        |         | 0          | 0          | 1428290    |           |



| SITE_ID   | SITE_NAME            | PRIMARY_LO | GENDER_RES | GENERAL_RE | LOCATION_R | PUBLIC_ACC | FURTHER_IN | TRUSTEE1_I | TRUSTEE2_I | PRIMARY_KN | CULTURAL_O | CONTEXT | LALC_ID | LGA_ID | ADMIN_ID | SLOPE_ID | LAND_USE_I | DISTANCE_P | DISTANCE_T | PERM_WATER | TEMP_WATER | EVIDENCE | VALIDITY_S |
|-----------|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------|---------|--------|----------|----------|------------|------------|------------|------------|------------|----------|------------|
| 45-5-3846 | MA3 (Riverstone)     | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3847 | MA4 (Riverstone)     | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3955 | Arnold Avenue IF1    | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1369   | 1288     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-6-2977 | Macquarie St PAD 3   | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-4097 | O'Connell St PAD1    | 1167       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-6-2978 | 41 Hunter Street PAD | 0          |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1467   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3918 | RH/A20P 02           | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3927 | RH/A20P 12           | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3928 | RH/A20P 13           | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3929 | RH/A20P 14           | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3930 | RH/A20P 15           | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3931 | RH/A20P 16           | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3932 | RH/A20P 17           | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3933 | RH/A20P 18           | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |
| 45-5-3934 | RH/A20P 19           | 1175       |            | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0       | 1042    | 1373   | 1265     | 0        | 0          | 0.00       | 0.00       | 0          | 0          |          | VAL        |

| SITE_ID   | MANG_STATU | PERMIT_LAP | CONSERV_MA | REF_REPORT | EIS_REPORT | HERITAGE_I | SCHED_OF_W | NPWS_FILE | FILE_NUMBE | MGMT_SUMMA | RECEIVED_D | ENTERED_BY | ENTERED_DA | SITE_CARD | PHOTOGRAPH | CMA_ID | LANDFORM_I | EPRD_ID | STATE_ARCH            | BPMC_ID | AMS_FUNC_L | AMS_EQPT_N | AMS_FEATUR | SHAPE_FID |
|-----------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|--------|------------|---------|-----------------------|---------|------------|------------|------------|-----------|
| 45-5-3846 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 12/05/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR11/476  | 259     |            | 0          | 0          | 1428300   |
| 45-5-3847 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 12/05/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR11/476  | 259     |            | 0          | 0          | 1428310   |
| 45-5-3955 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 14/12/2010 |           | 0          | 39     | 642        | 343     |                       | 259     |            | 0          | 0          | 1439760   |
| 45-6-2977 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 5/08/2011  |           | 0          | 41     | 647        | 343     |                       | 0       |            | 0          | 0          | 1455000   |
| 45-5-4097 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 5/08/2011  |           | 0          | 41     | 647        | 343     |                       | 0       |            | 0          | 0          | 1455010   |
| 45-6-2978 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | KOETTIM    | 8/08/2011  |           | 0          | 41     | 647        | 343     |                       | 0       |            | 0          | 0          | 1455040   |
| 45-5-3918 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 30/08/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR10/4698 | 276     |            | 0          | 0          | 1433240   |
| 45-5-3927 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 31/08/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR10/4698 | 276     |            | 0          | 0          | 1433330   |
| 45-5-3928 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 31/08/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR10/4698 | 276     |            | 0          | 0          | 1433340   |
| 45-5-3929 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 31/08/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR10/4698 | 276     |            | 0          | 0          | 1433410   |
| 45-5-3930 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 31/08/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR10/4698 | 276     |            | 0          | 0          | 1433450   |
| 45-5-3931 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 31/08/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR10/4698 | 276     |            | 0          | 0          | 1433490   |
| 45-5-3932 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 31/08/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR10/4698 | 276     |            | 0          | 0          | 1433520   |
| 45-5-3933 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 31/08/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR10/4698 | 276     |            | 0          | 0          | 1433560   |
| 45-5-3934 | NMAN       | 0          | 0          | 0          | 0          | 0          | 0          | 0         |            |            |            | DAVE       | 31/08/2010 |           | 0          | 39     | 642        | 343     | CD in TRIM NSR10/4698 | 276     |            | 0          | 0          | 1433590   |

