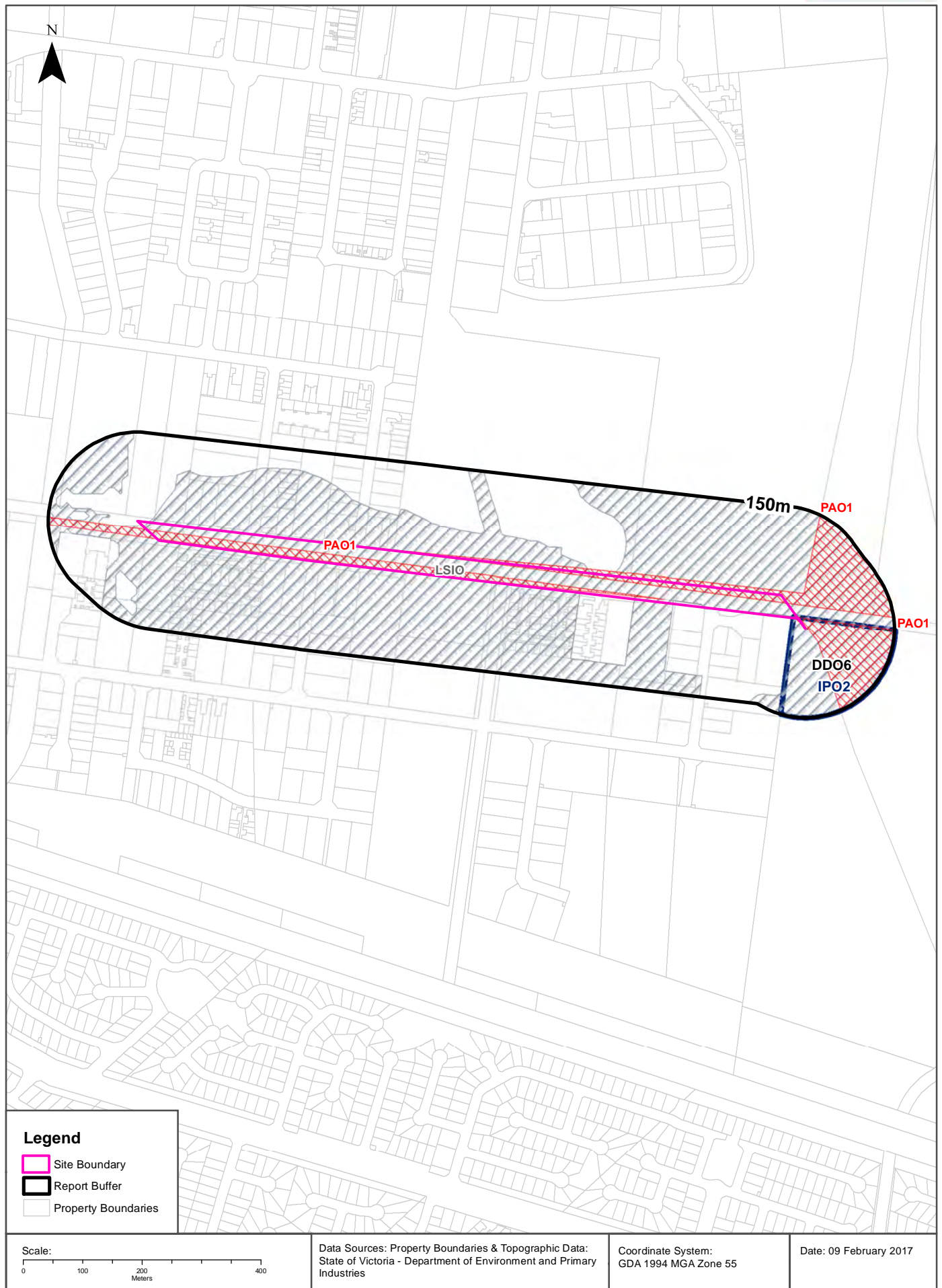


## Planning Overlays

### OSAR Proposed Road Alignments - Site 26 (Section 6)



## Planning Overlays

### OSAR Proposed Road Alignments - Site 26 (Section 6)

## Planning Overlays

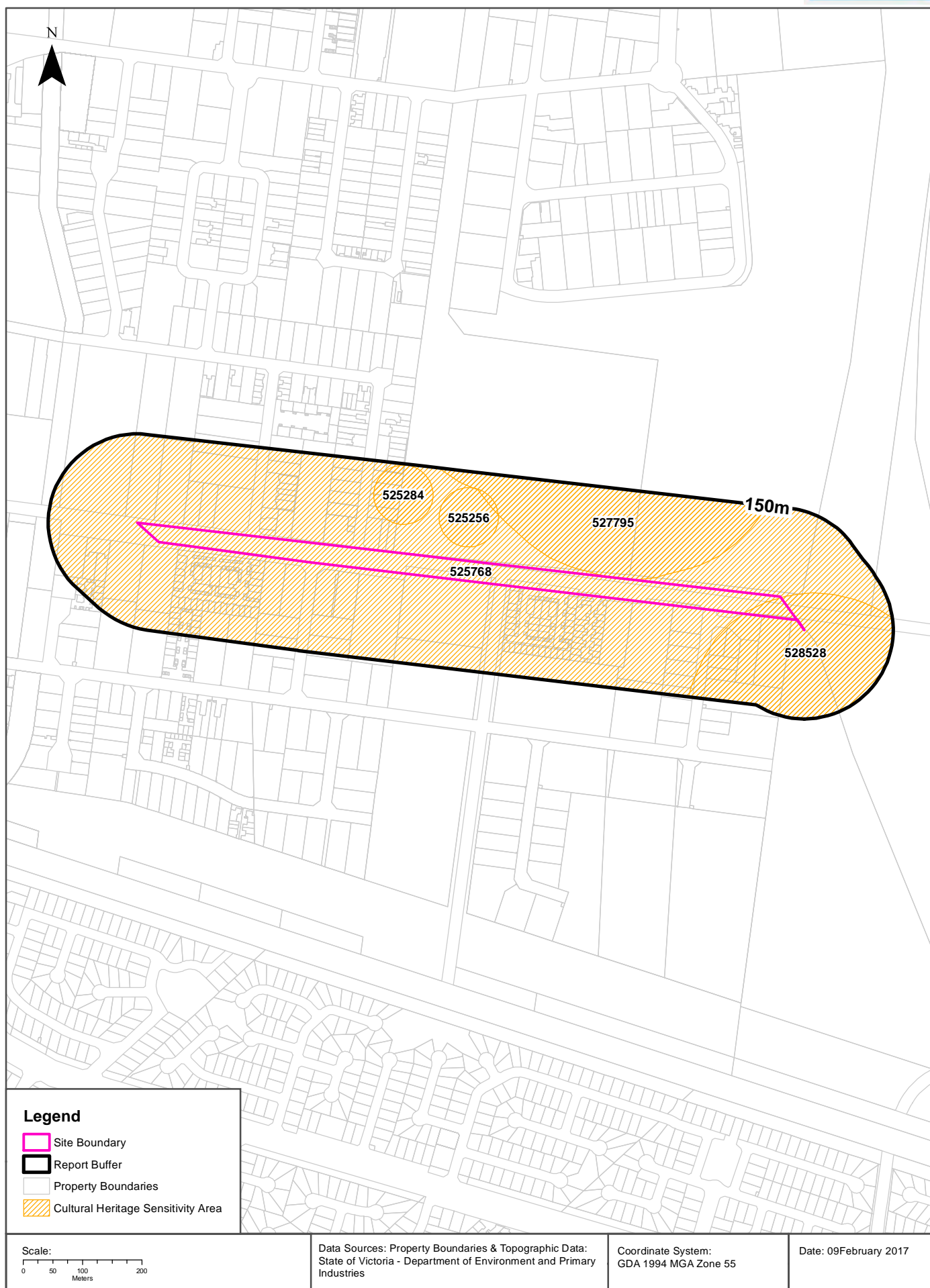
Planning overlays within the report buffer:

| Zone Code | Description                                 | Distance | Direction |
|-----------|---|----------|-----------|
| LSIO      | LAND SUBJECT TO INUNDATION OVERLAY          | 0m       | Onsite    |
| PAO1      | PUBLIC ACQUISITION OVERLAY 1                | 0m       | Onsite    |
| DDO6      | DESIGN AND DEVELOPMENT OVERLAY - SCHEDULE 6 | 0m       | Onsite    |
| IPO2      | INCORPORATED PLAN OVERLAY - SCHEDULE 2      | 0m       | Onsite    |

Planning Overlay Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Cultural Heritage Sensitivity

## OSAR Proposed Road Alignments - Site 26 (Section 6)



## Cultural Heritage Sensitivity

### OSAR Proposed Road Alignments - Site 26 (Section 6)

## Cultural Heritage Sensitivity

Areas of Cultural Heritage Sensitivity as specified in Division 3 of Part 2 in the Aboriginal Heritage Regulations 2007, within the report buffer:

| Map Id | Culturally Sensitive | Distance | Direction  |
|--------|----------------------|----------|------------|
| 525768 | YES                  | 0m       | Onsite     |
| 528528 | YES                  | 0m       | Onsite     |
| 527795 | YES                  | 0m       | Onsite     |
| 525256 | YES                  | 23m      | North      |
| 525284 | YES                  | 48m      | North West |

Cultural Heritage Sensitivity Data Custodian: State Government Victoria - Dept of Planning and Community Development  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



## Natural Hazards

### OSAR Proposed Road Alignments - Site 26 (Section 6)

## Bushfire Prone Areas

What are the designated bushfire prone areas within the report buffer?

| Map ID | Feature                  | Plan No | LGA | Gazetted Date | Distance | Direction |
|--------|--------------------------|---------|-----|---------------|----------|-----------|
| N/A    | No records within buffer |         |     |               |          |           |

Bushfire Prone Area Data Custodian: State Government Victoria - Dept of Transport, Planning & Local Infrastructure  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Fire History

What are the fire history records of fires primarily on public land, within the report buffer?

| Map Id | Fire Type                | Fire Key | Season | Fire No | Fire Name | Treatment | Fire Cover | Start Date | Dist (m) | Direction |
|--------|--------------------------|----------|--------|---------|-----------|-----------|------------|------------|----------|-----------|
| N/A    | No records within buffer |          |        |         |           |           |            |            |          |           |

Fire History Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Flood - 1 in 100 year modelled flood extent

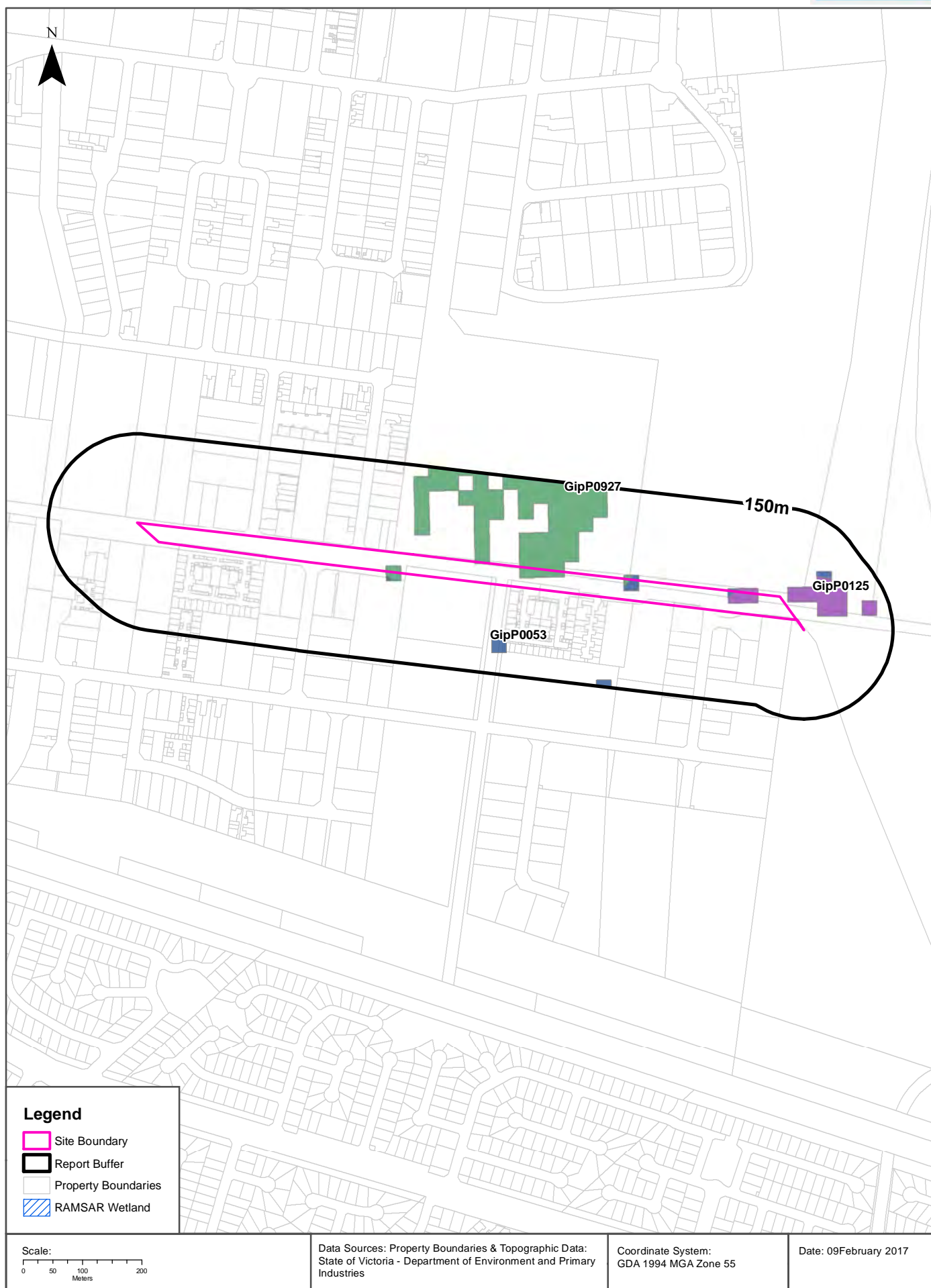
What 1 in 100 year flood extent features exist within the report buffer?

| Feature | Source                   | Method | Scale | Modified Date | Distance | Direction |
|---------|--------------------------|--------|-------|---------------|----------|-----------|
| N/A     | No records within buffer |        |       |               |          |           |

Flood Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Ecological Constraints - Native Vegetation 2005 & RAMSAR Wetlands

## OSAR Proposed Road Alignments - Site 26 (Section 6)



## Ecological Constraints

### OSAR Proposed Road Alignments - Site 26 (Section 6)

## Native Vegetation (Modelled 2005 Ecological Vegetation Classes)

What native vegetation exists within the report buffer?

| Veg Code | EVC Name  | EVCCode | Group  | Subgroup        | Bioregion       | Conservation Status | Geographic Occurance | Distance |
|----------|---|---------|--|-----------------|-----------------|---------------------|----------------------|----------|
| GipP0053 | Swamp Scrub   | 0053    | Riparian Scrubs or Swampy Scrubs and Woodlands |                 | Gippsland Plain | Endangered          | Common               | 0m       |
| GipP0125 | Plains Grassy Wetland   | 0125    | Wetlands                                       | Freshwater      | Gippsland Plain | Endangered          | Naturally Restricted | 0m       |
| GipP0927 | Plains Grassy Woodland/Swamp Scrub/Plains Grassy Wetland Mosaic | 0927    | Plains Woodlands or Forests                    | Freely-draining | Gippsland Plain | Endangered          | not applicable       | 0m       |

Native Vegetation Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## RAMSAR Wetlands

What RAMSAR wetland areas exist within the report buffer?

| Map ID | Site Name                | Lake Name | Distance | Direction |
|--------|--------------------------|-----------|----------|-----------|
| N/A    | No records within buffer |           |          |           |

RAMSAR Wetland Area Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

#### USE OF REPORT – APPLICABLE TERMS

The following terms apply to any person (End User) who is given the Report by the person who purchased the Report from Lotsearch Pty Ltd (ABN: 89 600 168 018) (Lotsearch) or who otherwise has access to the Report. The contract terms that apply between Lotsearch and the purchaser of the Report are specified in the order form pursuant to which the Report was ordered and the terms set out below are of no effect as between Lotsearch and the purchaser of the Report.

1. End User acknowledges and agrees that:
  - (a) the Report is compiled from or using content (**Third Party Content**) which is comprised of:
    - (i) content provided to Lotsearch by third party content suppliers with whom Lotsearch has contractual arrangements or content which is freely available (**Third Party Content Suppliers**);
    - (j) content which is derived from content described in paragraph (i);
  - (b) Lotsearch does not take any responsibility for or give any warranty in relation to the accuracy or completeness of any Third Party Content included in the Report;
  - (c) the Third Party Content Suppliers do not constitute an exhaustive set of all repositories or sources of information available in relation to the property which is the subject of the Report (**Property**);
  - (d) Lotsearch has not undertaken any physical inspection of the property;
  - (e) Lotsearch does not warrant that all land uses or features whether past or current are identified in the Report;
  - (f) the Report does not include any information relating to the actual state or condition of the Property;
  - (g) the Report should not be used or taken to indicate or exclude actual fitness or unfitness of a Property for any particular purpose;
  - (h) the Report should not be relied upon for determining saleability or value or making any other decisions in relation to the Property and in particular should not be taken to be a rating or assessment of the desirability or market value of the property or its features; and
  - (i) the End User should undertake its own inspection s of the Property to satisfy itself that there are no defects or failures.
2. The End User may not make the Report or any copies or extracts of the report or any part of it available to any other person. If End User wishes to provide the Report to any other person or make extracts or copies of the Report, it must contact the purchaser of the Report before doing so to ensure the proposed use is consistent with the contract terms between Lotsearch and the purchaser.
3. Neither Lotsearch (nor any of its officers, employees or agents) nor any of its Third Party Content Suppliers will have any liability to End User or any person to whom End User provides the Report and End User must not represent that Lotsearch or any of its Third Party Content Suppliers accepts liability to any such person or make any other representation to any such person on behalf of Lotsearch or any Third Party Content Supplier.
4. End User must not remove any copyright notices, trade marks, digital rights management information, other embedded information, disclaimers or limitations from the Report or authorise any person to do so.
5. End User acknowledges and agrees that Lotsearch and Third Party Content Suppliers retain ownership of all copyright, patent, design right (registered or unregistered), trade marks (registered or unregistered), database right or other data right, moral right or know how or any other intellectual property right in any Report or any other item, information or data included in or provided as part of a Report.
6. To the extent permitted by law and subject to paragraph 7, all implied terms, representations and warranties whether statutory or otherwise relating to the subject matter of these terms other than as expressly set out in these terms are excluded.
7. Subject to paragraph 8, Lotsearch excludes liability to End User for loss or damage of any kind, however caused, due to Lotsearch's negligence, breach of contract, breach of any law, in equity, under indemnities or otherwise, arising out of all acts, omissions and events whenever occurring.
8. Lotsearch acknowledges that if, under applicable State, Territory or Commonwealth law, End User is a consumer certain rights may be conferred on End User which cannot be excluded, restricted or modified. If so, and if that law applies to Lotsearch, then, Lotsearch's liability is limited to the greater of an amount equal to the cost of resupplying the Report and the maximum extent permitted under applicable laws.
9. Subject to paragraph 7, neither Lotsearch nor the End User is liable to the other for any indirect, incidental, consequential, special or exemplary damages arising out of or in relation to these terms.
10. These terms are subject to New South Wales law.

# Lotsearch



## **Environmental Risk and Planning Report**

**OSAR Proposed Road Alignments - Site 26 (Section 7)**

**Report Buffer: 150m**

**Report Date: 09 Feb 2017 13:43:48**

**Disclaimer:**

The purpose of this report is to provide an overview of some of the site history, environmental risk and planning information available, affecting an individual address or geographical area in which the property is located. It is not a substitute for an on-site inspection or review of other available reports and records. It is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features.

You should obtain independent advice before you make any decision based on the information within the report.

The detailed terms applicable to use of this report are set out at the end of this report.

## Table of Contents

|                                       |    |
|---------------------------------------|----|
| Location Confidences.....             | 2  |
| Dataset Listings .....                | 3  |
| Site Location Aerial .....            | 5  |
| Topographic Features.....             | 6  |
| Elevation Contours.....               | 7  |
| EPA Records.....                      | 8  |
| Waste Management Facilities .....     | 11 |
| Historical Business Activities.....   | 12 |
| Historical Aerial Imagery & Maps..... | 14 |
| Features of Interest .....            | 21 |
| Hydrogeology & Groundwater.....       | 23 |
| Groundwater Boreholes .....           | 24 |
| Geology.....                          | 29 |
| Coastal Acid Sulfate Soils .....      | 32 |
| Planning Zones .....                  | 34 |
| Planning Overlays .....               | 36 |
| Cultural Heritage Sensitivity .....   | 38 |
| Natural Hazards .....                 | 40 |
| Ecological Constraints.....           | 41 |
| Terms & Conditions.....               | 43 |

## Location Confidences

Where Lotsearch has had to georeference features from supplied addresses, a location confidence has been assigned to the data record. This indicates a confidence to the positional accuracy of the feature. Where applicable, a code is given under the field heading "LocConf". These codes lookup to the following location confidences:

| LC Code | Location Confidence   |
|---------|---|
| 1       | Georeferenced to the site location / premise or part of site      |
| 2       | Georeferenced with the confidence of the general/approximate area |
| 3       | Georeferenced to the road or rail                                 |
| 4       | Georeferenced to the road intersection                            |
| 5       | Feature is a buffered point                                       |
| 6       | Land adjacent to Georeferenced Site                               |
| 7       | Georeferenced to a network of features                            |



## Dataset Listing

Datasets contained within this report, detailing their source and data currency:

| Dataset Name  | Custodian   | Supply Date | Currency Date | Update Frequency | No. Features Onsite | No. Features within 100m | No. Features in Buffer |
|---|---|-------------|---------------|------------------|---------------------|--------------------------|------------------------|
| Topographic and Cadastre data   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 06/02/2017  | 06/02/2017    | Quarterly        | -                   | -                        | -                      |
| Current Priority Sites  | Environment Protection Authority (Vic)  | 06/02/2017  | 31/12/2016    | Monthly          | 0                   | 0                        | 0                      |
| Former Priority Sites & other Pollution Notices                           | Environment Protection Authority (Vic)  | 06/02/2017  | 05/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| EPA Environmental Audit Reports   | Environment Protection Authority (Vic)  | 06/02/2017  | 24/11/2016    | Monthly          | 0                   | 0                        | 0                      |
| Groundwater Zones with Restricted Uses                                    | Environment Protection Authority (Vic)  | 06/02/2017  | 27/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Licensed Activities   | Environment Protection Authority (Vic)  | 06/02/2017  | 29/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Former Licensed Activities  | Environment Protection Authority (Vic)  | 06/02/2017  | 29/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Works Approvals   | Environment Protection Authority (Vic)  | 06/02/2017  | 06/02/2017    | Monthly          | 0                   | 0                        | 0                      |
| National Waste Management Site Database                                   | Geoscience Australia  | 06/02/2017  | 15/11/2012    | Quarterly        | 0                   | 0                        | 0                      |
| Statewide Waste and Resource Recovery Infrastructure Plan Facilities      | State Government Victoria - Department of Sustainability                                      | 27/11/2014  | 31/12/2012    | None planned     | 0                   | 0                        | 0                      |
| EPA Prescribed Industrial Waste   | Environment Protection Authority (Vic)  | 04/01/2017  | 04/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| UBD Business to Business Directory 1991                                   | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business to Business Directory 1991 - Garages & Service Stations      | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business Directory 1980   | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business Directory 1980 Drycleaners, Motor Garages & Service Stations | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| Features of Interest  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 03/02/2017  | 27/01/2017    | Quarterly        | 3                   | 4                        | 4                      |
| Hydrogeology Map of Australia   | Commonwealth of Australia (Geoscience Australia)  | 08/10/2014  | 17/03/2000    | As required      | 1                   | 1                        | 1                      |
| Groundwater Salinity  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 29/08/2012    | Unknown          | 2                   | -                        | -                      |
| Depth to Watertable   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 29/08/2012    | Unknown          | 1                   | -                        | -                      |
| Surface Elevation   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 23/09/2013    | Unknown          | 1                   | -                        | -                      |
| Basement Elevation  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 23/09/2013    | Unknown          | 1                   | -                        | -                      |
| Groundwater Boreholes WMIS  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 29/04/2016  | 28/04/2016    | Annually         | 0                   | 0                        | 36                     |
| Groundwater Boreholes Earth Resources Database                            | The State of Victoria, Department of Economic Development, Jobs, Transport and Resources      | 29/04/2016  | 17/02/2010    | As required      | 0                   | 0                        | 10                     |
| Groundwater Boreholes Fed Uni   | Federation University Australia   | 29/04/2016  | 07/01/2014    | As required      | 0                   | 0                        | 0                      |
| Geological Units 1:250,000  | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 1                   | -                        | 1                      |
| Geological Structures 1:250,000   | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 0                   | -                        | 0                      |
| Shear zones 250k  | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 0                   | -                        | 0                      |
| Coastal Acid Sulfate Soils  | The State of Victoria, Department of Economic Development, Jobs, Transport and Resources      | 15/07/2016  | 30/03/2011    | None planned     | 2                   | 2                        | 2                      |
| Planning Scheme Zones   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 27/01/2017  | 27/01/2017    | Quarterly        | 5                   | 6                        | 7                      |

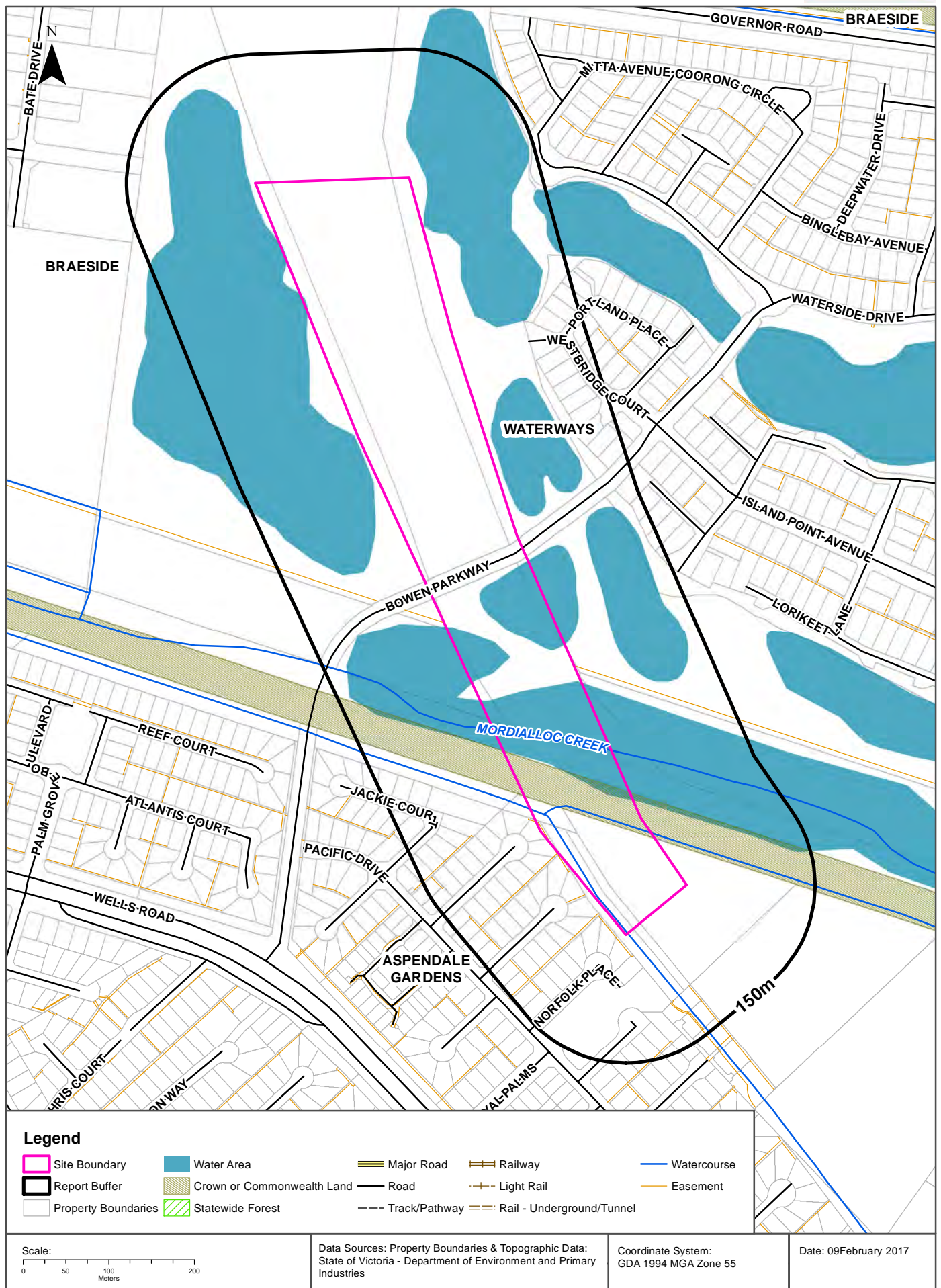
| Dataset Name  | Custodian  | Supply Date | Currency Date | Update Frequency | No. Features Onsite | No. Features within 100m | No. Features in Buffer |
|---|--|-------------|---------------|------------------|---------------------|--------------------------|------------------------|
| Planning Scheme Overlay   | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 5                   | 5                        | 5                      |
| Cultural Heritage Sensitivity                                   | State Government Victoria - Department of Planning and Community Development           | 03/02/2017  | 27/01/2017    | Quarterly        | 2                   | 2                        | 2                      |
| Bushfire Prone Area   | State Government Victoria - Department of Transport, Planning and Local Infrastructure | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| Fire History  | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| Flood - 1 in 100 Year Modelled Flood Extent                     | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| Native Vegetation (Modelled 2005 Ecological Vegetation Classes) | State Government Victoria - Department of Environment, Land, Water & Planning          | 13/01/2015  | 31/12/2005    | None planned     | 1                   | 1                        | 1                      |
| RAMSAR Wetlands   | State Government Victoria - Department of Environment, Land, Water & Planning          | 13/01/2015  | 24/06/2013    | None planned     | 0                   | 0                        | 0                      |





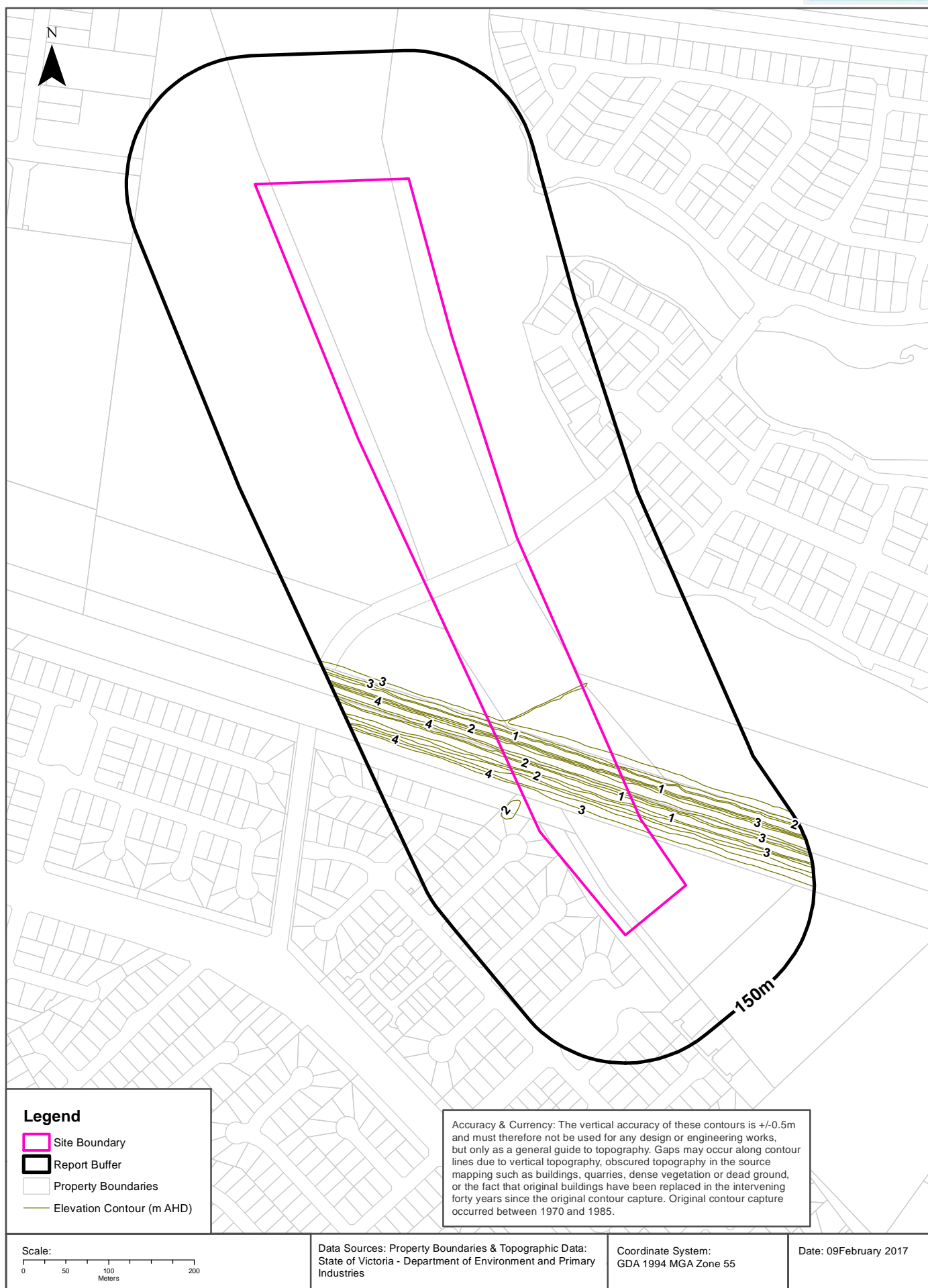
# Topographic Data

## OSAR Proposed Road Alignments - Site 26 (Section 7)



# Elevation Contours (m AHD)

OSAR Proposed Road Alignments - Site 26 (Section 7)



## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Current EPA Priority Sites Register

What sites on the current EPA priority sites register exist within the report buffer?

| Notice No | Address              | Suburb | Issue | Loc Conf | Dist (m) | Direction |
|-----------|----------------------|--------|-------|----------|----------|-----------|
| N/A       | No records in buffer |        |       |          |          |           |

Priority Sites Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Former EPA Priority Sites & Other Pollution Notices

What sites within the report buffer have been issued a Pollution Notice?

**Note. Due to pollution notices being revoked and removed from published lists this is not an exhaustive list of all past pollution notices.**

| Notice No | Notice Type          | Company | Address | Suburb | Status | Issue | Date Issued | Loc Conf | Dist | Dir |
|-----------|----------------------|---------|---------|--------|--------|-------|-------------|----------|------|-----|
| N/A       | No records in buffer |         |         |        |        |       |             |          |      |     |

Pollution Notice Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)



## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## EPA Environmental Audits

What EPA environmental audit records exist within the report buffer?

Note. Please click on CARMS No. to activate a hyperlink to online documentation. If link does not work, documentation may still be accessible via the EPA Interaction Portal.

| CARMS No | Transaction No       | Site | Address | Suburb | Date Complete | Loc Conf | Distance | Direction |
|----------|----------------------|------|---------|--------|---------------|----------|----------|-----------|
| N/A      | No records in buffer |      |         |        |               |          |          |           |

Environmental Audit Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Groundwater Zones with Restricted Uses

What EPA GQRUZ exist within the report buffer?

Note. Please click on CARMS No. to activate a hyperlink to online documentation.

| CARMS No | EPA Id               | Site History | Site Address | Restricted Uses | Loc Conf | Distance | Direction |
|----------|----------------------|--------------|--------------|-----------------|----------|----------|-----------|
| N/A      | No records in buffer |              |              |                 |          |          |           |

Environmental GQRUZ Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## EPA Licensed Activities

What EPA licensed activities exist within the report buffer?

| Trans No | Licence No           | Licence Type | Organisation | Premise Ref | Premise Address 1 | Premise Address 2 | Activities | Loc Conf | Dist (m) | Direction |
|----------|----------------------|--------------|--------------|-------------|-------------------|-------------------|------------|----------|----------|-----------|
| N/A      | No records in buffer |              |              |             |                   |                   |            |          |          |           |

Licensed Activity Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Former EPA Licensed Activities

What former EPA licensed activities exist within the report buffer?

| Licence No | Organisation         | Premise Address | Suburb | Activities | Loc Conf | Dist (m) | Direction |
|------------|----------------------|-----------------|--------|------------|----------|----------|-----------|
| N/A        | No records in buffer |                 |        |            |          |          |           |

Former Licensed Activity Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Works Approvals

What EPA works approvals exist within the report buffer?

| Transaction No | Status               | Approval No | Organisation | Premise Address | Suburb | Scheduled Categories | Loc Conf | Dist (m) | Direction |
|----------------|----------------------|-------------|--------------|-----------------|--------|----------------------|----------|----------|-----------|
| N/A            | No records in buffer |             |              |                 |        |                      |          |          |           |

Works Approvals Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Waste Management Facilities

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## National Waste Management Site Database

Sites on the National Waste Management Site Database within the report buffer:

| Site Id | Owner                | Name | Address | Suburb | Postcode | Landfill | Reprocess | Transfer | Loc Conf | Dist (m) | Direction |
|---------|----------------------|------|---------|--------|----------|----------|-----------|----------|----------|----------|-----------|
| N/A     | No records in buffer |      |         |        |          |          |           |          |          |          |           |

Waste Management Facilities Data Source: Australian Government Geoscience Australia  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Statewide Waste and Resource Recovery Infrastructure Plan Facilities

Statewide Waste and Resource Recovery Infrastructure Plan Facilities within the report buffer:

| Map Id | Owner                | Site Name | Address | Suburb | Category | Sub Category | Loc Conf | Distance | Direction |
|--------|----------------------|-----------|---------|--------|----------|--------------|----------|----------|-----------|
| N/A    | No records in buffer |           |         |        |          |              |          |          |           |

SWRRIPF Data Source: State Government Victoria - Department of Sustainability

## EPA Prescribed Industrial Waste

EPA Prescribed industrial waste sites within the report buffer:

| Map Id | Company Name         | Address | Suburb | Treatment /Disposal | Transport | Accredited Agent | EPA List Status | Loc Conf | Dist (m) | Direct |
|--------|----------------------|---------|--------|---------------------|-----------|------------------|-----------------|----------|----------|--------|
| N/A    | No records in buffer |         |        |                     |           |                  |                 |          |          |        |

Prescribed Industrial Waste Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Historical Business Directories

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## 1991 Business to Business Directory Records

1991 UBD Business Directory Records within 150m of the site:

| Activity | Organisation         | Address | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

## 1991 Business to Business Directory Garages & Service Stations

1991 UBD Business Directory Garages & Service Stations within 1km of the site:

| Activity | Organisation         | Address | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

## Historical Business Directories

### OSAR Proposed Road Alignments - Site 26 (Section 7)

#### 1980 Business Directory Records

1980 UBD Business Directory Records within 150m of the site:

| Activity | Premise              | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

#### 1980 Business Directory Drycleaners, Garages & Service Stations

Drycleaners, Garages & Service Stations from the 1980 UBD Business Directory within 1km of the site:

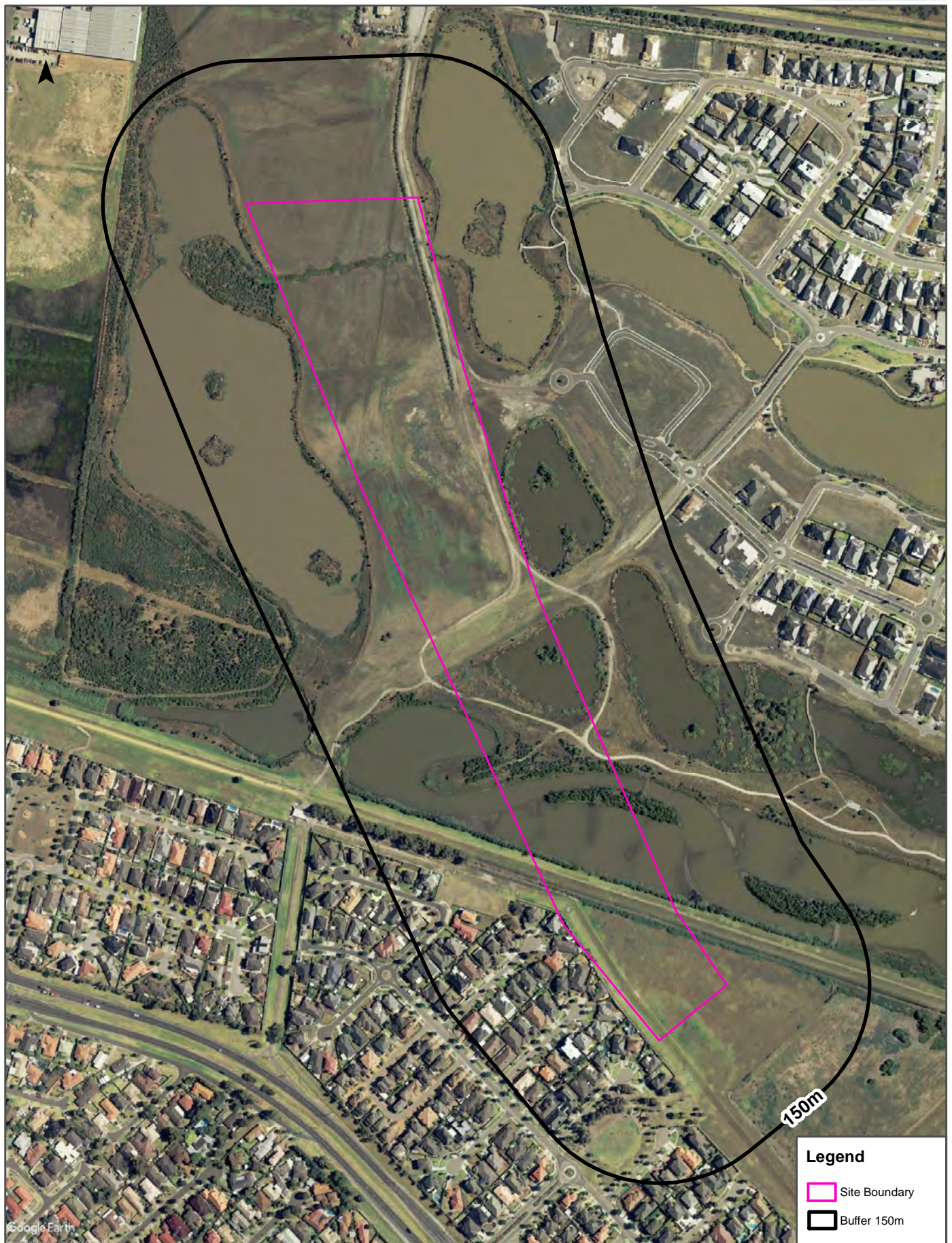
| Activity | Premise              | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant



# Aerial Imagery 2009

## OSAR Proposed Road Alignments - Site 26 (Section 7)



|  |  |  |                               |
|--|--|--|-------------------------------|
| <p>Scale:</p> <p>0 75 150 300 Meters</p> | <p>Data Sources: Aerial Imagery © 2016 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.</p> | <p>Coordinate System:<br/>GDA 1994 MGA Zone 55</p> | <p>Date: 09February, 2017</p> |
|--|--|--|-------------------------------|



## Aerial Imagery 2005

### OSAR Proposed Road Alignments - Site 26 (Section 7)





## Aerial Imagery 1990

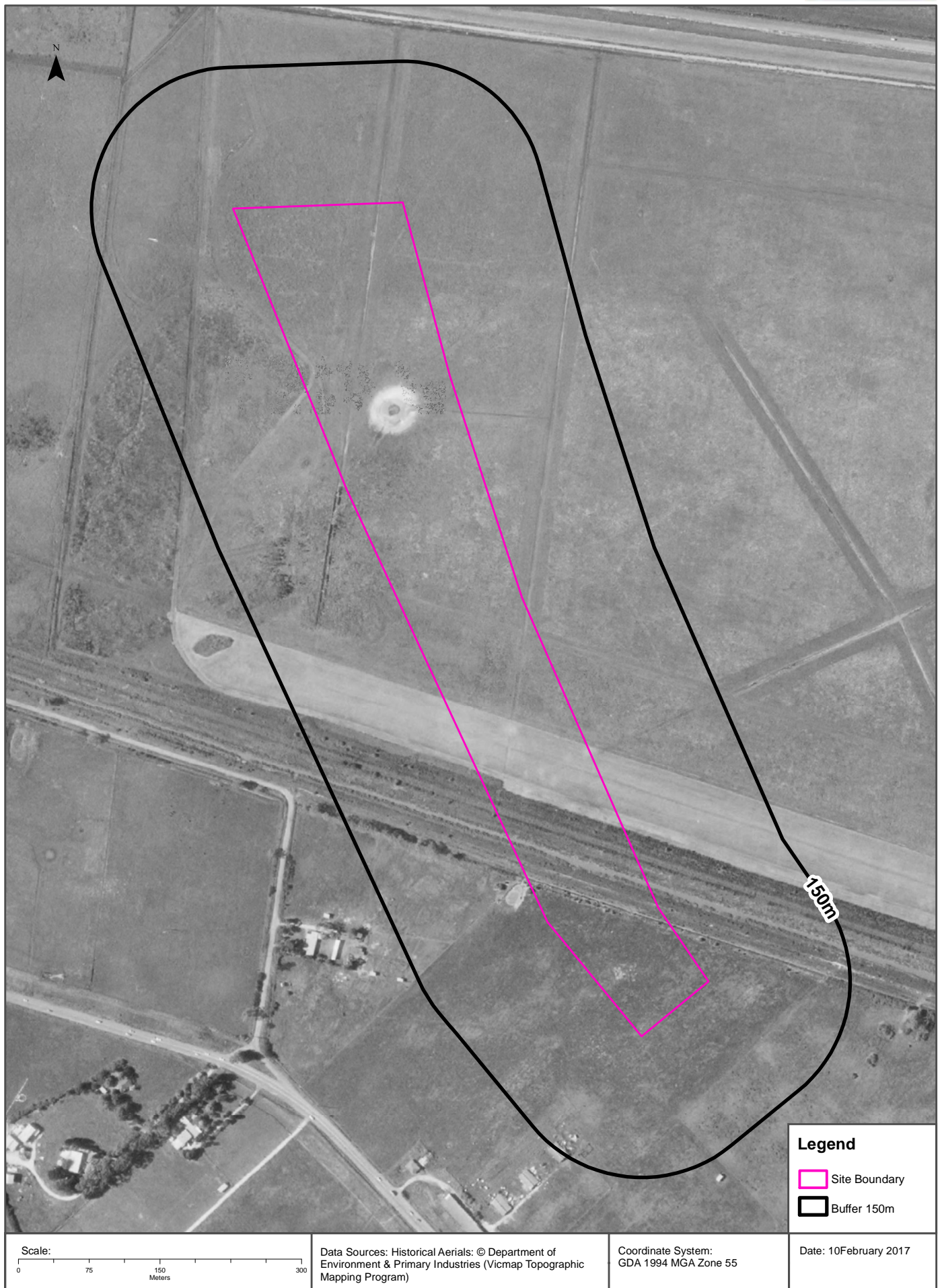
OSAR Proposed Road Alignments - Site 26 (Section 7)





## Aerial Imagery 1985

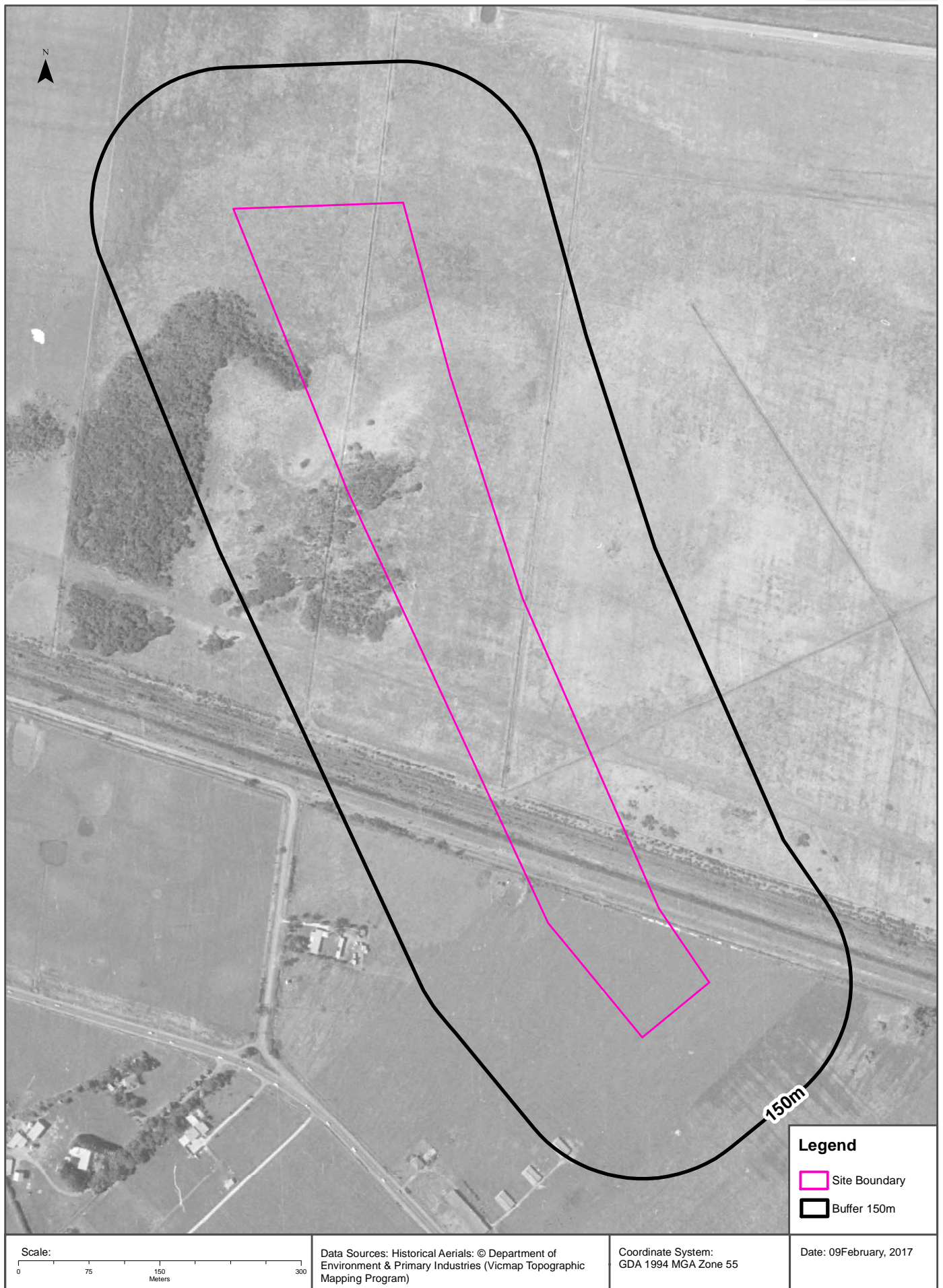
OSAR Proposed Road Alignments - Site 26 (Section 7)





## Aerial Imagery 1974

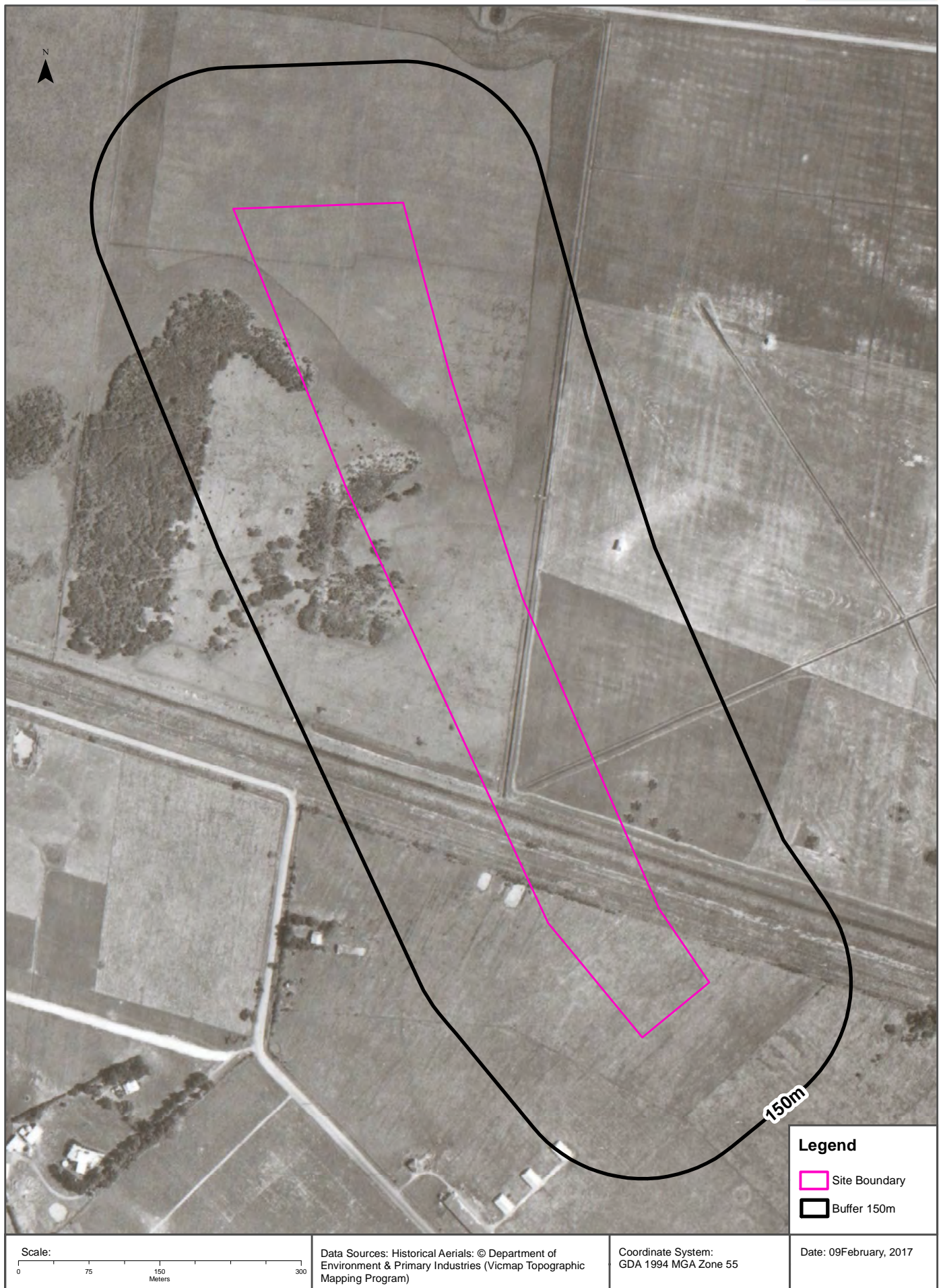
OSAR Proposed Road Alignments - Site 26 (Section 7)





## Aerial Imagery 1966

OSAR Proposed Road Alignments - Site 26 (Section 7)





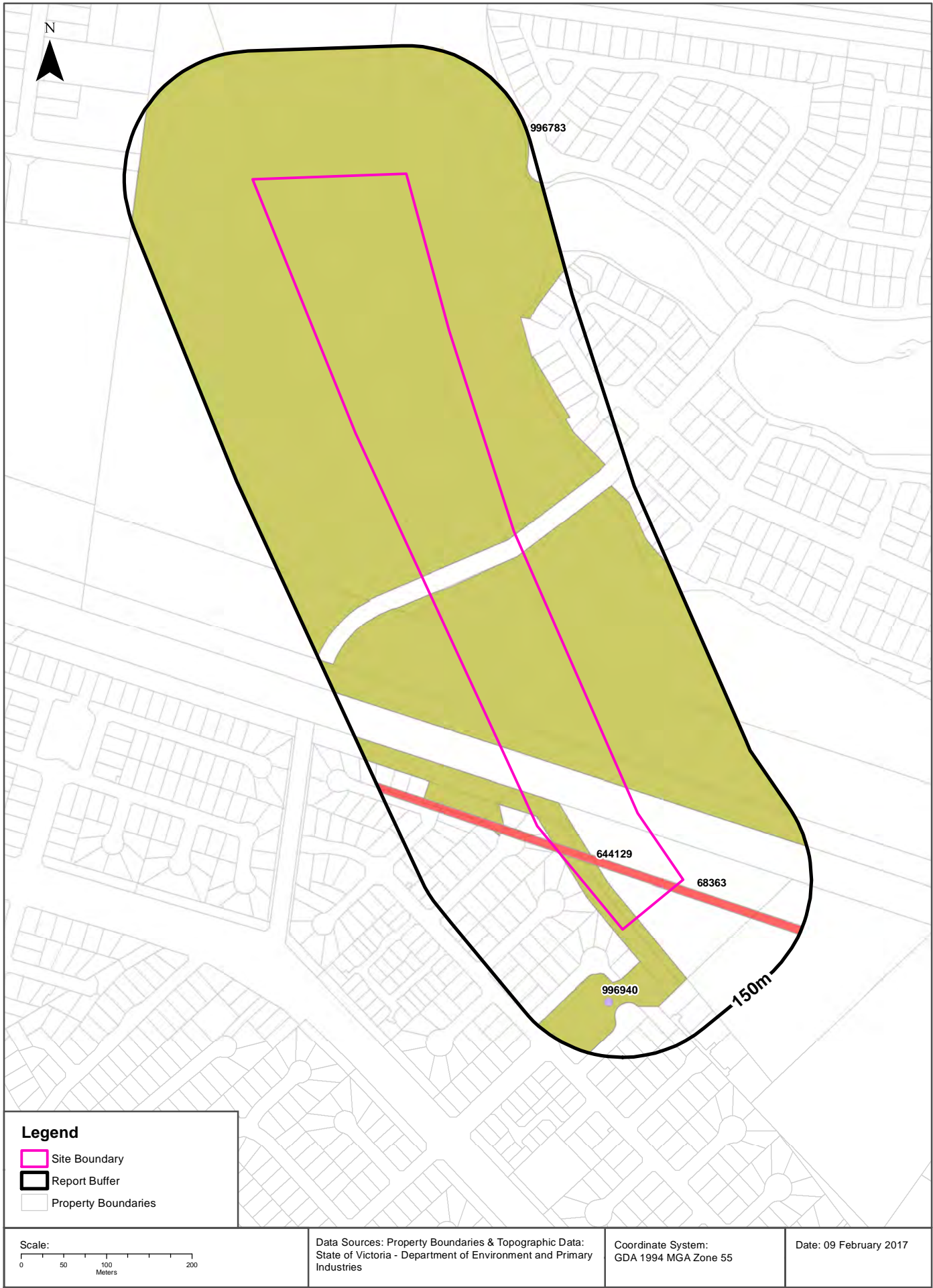
## Aerial Imagery 1951

OSAR Proposed Road Alignments - Site 26 (Section 7)



Features of Interest

OSAR Proposed Road Alignments - Site 26 (Section 7)



## Features of Interest

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Features of Interest

Features of Interest within 1km of the site:

| Feature Id | Feature Type          | Feature Sub Type | Name               | Distance | Direction |
|------------|-----------------------|------------------|--------------------|----------|-----------|
| 996783     | reserve               | park             |                    | 0m       | Onsite    |
| 644129     | reserve               | park             |                    | 0m       | Onsite    |
| 68363      | pipeline              | gas pipeline     | Dutson To Hastings | 0m       | Onsite    |
| 996940     | recreational resource | playground       |                    | 82m      | South     |

Features of Interest Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Hydrogeology & Groundwater

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Hydrogeology

Description of aquifers within report buffer:

| Description                                  | Distance | Direction |
|--|----------|-----------|
| Porous, extensive highly productive aquifers | 0m       | Onsite    |

Hydrogeology Map of Australia: Commonwealth of Australia (Geoscience Australia)

Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Groundwater Salinity

On-site Groundwater Salinity:

| Groundwater Salinity | Percent Of Site Area |
|----------------------|----------------------|
| 1,000 - 3,500 mg/l   | 92                   |
| 3,500 - 7,000 mg/l   | 8                    |

## Depth to Watertable

On-site Depth to Watertable:

| Depth to Watertable | Percent Of Site Area |
|---------------------|----------------------|
| Less than 5 metres  | 100                  |

## Surface Elevation

Approximate on-site Surface Elevation:

| Surface Elevation |
|-------------------|
| 3 AHDm            |

## Basement Elevation

Approximate on-site Basement Elevation:

| Basement Elevation - Basement Rocks comprise Lower Palaeozoic basement rocks that form the highlands and the crystalline basement; and Mesozoic rocks of the Otway and Gippsland basins both outcropping and subsurface |
|---|
| -53 AHDm to -46 AHDm  |

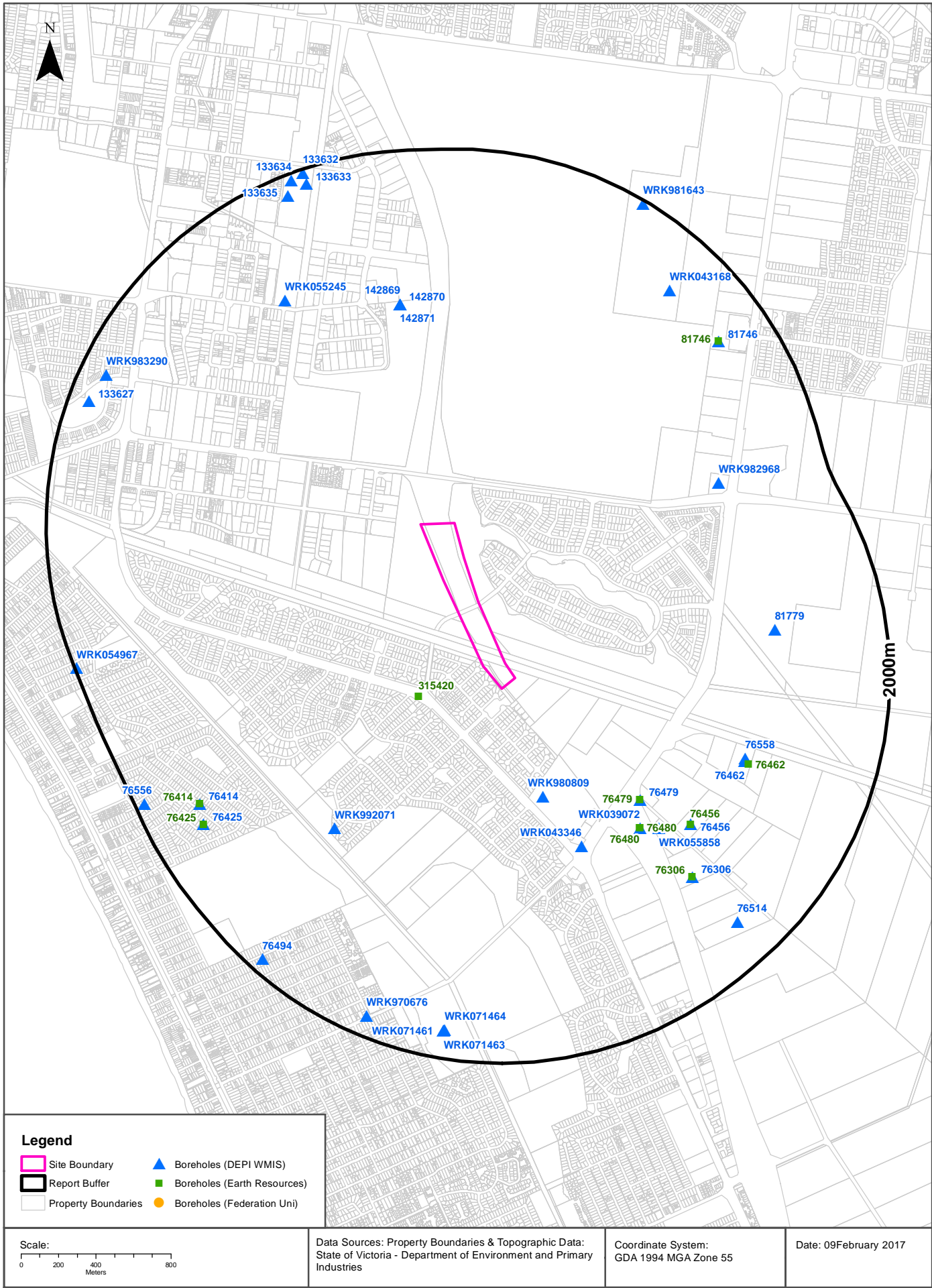
Groundwater Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning

Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



# Groundwater Boreholes

OSAR Proposed Road Alignments - Site 26 (Section 7)





## Groundwater Boreholes

### OSAR Proposed Road Alignments - Site 26 (Section 7)

#### Boreholes (DEPI WMIS)

Boreholes from the Department of Environment and Primary Industries' Water Measurement Information System, within the report buffer:

| Bore Id   | Use Type                         | Drillers Log   | Construction  | Latest Water Levels | Geology            | Completed Date | Dist (m) | Dir        |
|-----------|----------------------------------|--|---|---------------------|--------------------|----------------|----------|------------|
| WRK980809 |                                  |  |   |                     |                    |                | 615      | South      |
| 76479     | Domestic                         | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-12.00m SANDY CLAY<br>12.00m-19.00m SAND (MEDIUM)<br>19.00m-24.38m CLAY IRONSTONE BANDS      | 0.00m-12.19m INNER LINING - CASING = Pvc Class 9<br>12.19m-18.29m INNER LINING - SCREEN = Pvc Class 9<br>18.29m-24.38m INNER LINING - CASING = Pvc Class 9  |                     | 12.19m-18.29m Sand | 1986-01-11     | 931      | South East |
| WRK043346 |                                  |  |   |                     |                    |                | 940      | South East |
| WRK039072 | Domestic, Irrigation, Stock      | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-18.00m SANDY CLAY<br>18.00m-22.00m SAND (MEDIUM)<br>22.00m-24.38m CLAY (IRONSTONE BANDS)    | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-21.34m INNER LINING - SCREEN = Pvc<br>21.34m-24.38m INNER LINING - CASING = Pvc  |                     | 18.29m-21.34m Sand | 1986-01-09     | 1041     | South East |
| WRK055858 | Irrigation                       |  |   |                     |                    |                | 1110     | South East |
| WRK992071 |                                  |  |   |                     |                    |                | 1162     | South West |
| 142869    | Groundwater Investigation        | 0.00m-14.40m SANDY CLAY  | 0.00m-11.40m INNER LINING - CASING = Pvc<br>11.40m-14.40m INNER LINING - SCREEN = Pvc<br>10.40m-10.90m OUTER LINING - GRAVEL = Bentonite<br>10.90m-14.40m OUTER LINING - GRAVEL = Gravel  |                     |                    | 1999-11-03     | 1182     | North      |
| 142870    | Groundwater Investigation        | 0.00m-12.50m SANDY CLAY  | 0.00m-5.00m INNER LINING - CASING = Pvc<br>5.00m-12.50m INNER LINING - SCREEN = Pvc<br>0.00m-4.00m OUTER LINING - GRAVEL = Cement<br>4.00m-4.50m OUTER LINING - GRAVEL = Bentonite<br>4.50m-12.50m OUTER LINING - GRAVEL = Gravel |                     |                    | 1999-10-18     | 1182     | North      |
| 142871    | Groundwater Investigation        | 0.00m-12.50m SANDY CLAY  | 0.00m-5.00m INNER LINING - CASING = Pvc<br>5.00m-12.00m INNER LINING - SCREEN = Pvc<br>0.00m-4.00m OUTER LINING - GRAVEL = Cement<br>4.00m-4.50m OUTER LINING - GRAVEL = Bentonite<br>4.50m-12.50m OUTER LINING - GRAVEL = Gravel |                     |                    | 1999-10-18     | 1182     | North      |
| 76456     | Domestic, Stock                  | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-12.00m SANDY CLAY<br>12.00m-18.00m SAND (MEDIUM)<br>18.00m-22.25m CLAY WITH IRONSTONE BANDS | 0.00m-12.19m INNER LINING - CASING = Pvc<br>12.19m-18.29m INNER LINING - SCREEN = Pvc<br>18.29m-22.25m INNER LINING - CASING = Pvc  |                     | 12.19m-18.29m Sand | 1983-11-23     | 1218     | South East |
| 76558     | Not Known                        |  |   |                     |                    | 1988-01-01     | 1299     | South East |
| 76462     | Agro Industries, Domestic, Stock | 0.00m-2.44m BLACK TOPSOIL<br>2.44m-3.00m GREY CLAY<br>3.00m-12.19m RED CLAY<br>12.19m-18.29m GREY SANDY CLAY<br>18.29m-21.34m COARSE SAND              | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-21.34m INNER LINING - SCREEN = Pvc   |                     | 18.29m-21.34m Sand | 1982-12-27     | 1303     | South East |
| WRK055245 | Observation                      |  | 0.00m-2.00m INNER LINING - CASING = Pvc<br>2.00m-8.00m INNER LINING - SCREEN = Pvc<br>0.00m-1.50m OUTER LINING - GRAVEL = Bentonite<br>1.50m-8.00m OUTER LINING - GRAVEL = Gravel   |                     |                    | 2010-02-23     | 1398     | North West |

| Bore Id   | Use Type                  | Drillers Log   | Construction  | Latest Water Levels | Geology                                  | Completed Date | Dist (m) | Dir        |
|-----------|---------------------------|--|---|---------------------|--|----------------|----------|------------|
| 81779     | Not Known                 | 0.00m-0.70m SANDY LOAM<br>0.70m-3.00m GREY CLAYEY SAND<br>3.00m-10.00m ORANGE SANDS<br>10.00m-14.00m GREY SANDS<br>14.00m-17.50m BLACK SANDS   | 0.00m-10.50m INNER LINING - CASING = Pvc<br>10.50m-16.50m INNER LINING - SCREEN = Pvc<br>16.50m-17.50m INNER LINING - CASING = Pvc<br>8.50m-17.50m OUTER LINING - GRAVEL = Not Known  |                     | 10.50m-16.50m Sand                       | 1988-12-08     | 1409     | East       |
| WRK982968 |                           |  |   |                     |  |                | 1416     | North East |
| 76306     | Domestic                  | 0.00m-3.00m BLACK CLAY<br>3.00m-11.00m YELLOW CLAY<br>11.00m-18.00m SANDY CLAY<br>18.00m-24.38m SAND (MEDIUM)  | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-24.38m INNER LINING - SCREEN = Pvc   |                     | 18.29m-24.38m Sand                       | 1986-01-13     | 1421     | South East |
| 76414     | Domestic                  | 0.00m-1.30m PEAT - CLAY<br>1.30m-2.30m SAND - WET<br>2.30m-4.57m CLAY - WET<br>4.57m-0.00m WHITE-GREY SANDSTONE  | 0.00m-3.96m INNER LINING - CASING = Pvc<br>3.96m-4.57m INNER LINING - SCREEN = Pvc  |                     | 3.96m-4.57m Sandstone                    | 1983-02-24     | 1681     | South West |
| WRK043168 | Irrigation                |  |   |                     |  | 1982-01-01     | 1694     | North East |
| 81746     | Domestic                  | 0.00m-3.05m BROWN CLAY<br>3.05m-15.24m BROWN SANDY CLAY<br>15.24m-24.38m BLUE GREY GRAVELLY CLAY<br>24.38m-39.62m GREY GREEN SANDY CLAY<br>39.62m-45.41m GREY GREEN GRAVELLY CLAY  | 0.00m-4.57m INNER LINING - CASING = Pvc<br>0.00m-33.05m INNER LINING - CASING = Pvc<br>33.05m-38.10m INNER LINING - SCREEN = Pvc<br>39.92m-41.15m INNER LINING - SCREEN = Wire W S/Steel  |                     | 33.05m-38.10m Clay<br>39.92m-41.15m Clay | 1982-02-28     | 1711     | North East |
| 76425     | Domestic                  | 0.00m-0.61m LOAM<br>0.61m-1.06m WHITE SAND<br>1.06m-1.37m BLACK CLAY<br>1.37m-1.83m GREY SAND AND SHELLS<br>1.83m-2.27m BLACK CLAY<br>2.27m-2.74m GREY SAND AND SEA SHELLS<br>2.74m-3.35m BLACK CLAY<br>3.35m-3.66m GREY SAND AND SEA SHELLS<br>3.66m-4.57m BLACK CLAY<br>4.57m-5.18m GREY SAND AND SEA SHELLS | 0.00m-4.57m INNER LINING - CASING = Pvc<br>4.57m-5.18m INNER LINING - SCREEN = Pvc  |                     | 4.57m-5.18m Sand                         | 1983-12-12     | 1715     | South West |
| 76514     | Domestic                  | 0.00m-3.00m STILL BLACK CLAY<br>3.00m-6.00m YELLOW BROWN SANDY CLAY<br>6.00m-9.50m YELLOW BROWN LOOSE SAND<br>9.50m-14.00m YELLOW BROWN SANDY CLAY<br>14.00m-20.00m YELLOW BROWN LOOSE SAND  | 0.00m-12.50m INNER LINING - CASING = Not Known<br>12.50m-18.30m INNER LINING - SCREEN = Not Known<br>40.00m-0.00m OUTER LINING - GRAVEL = Not Known   |                     | 12.50m-18.30m Sand                       | 1990-02-27     | 1760     | South East |
| WRK071464 | Observation               |  |   |                     |  | 2012-10-11     | 1847     | South      |
| WRK071461 | Observation               | 0.00m-0.60m SOIL<br>0.60m-7.30m SAND   | 0.00m-3.00m INNER LINING - CASING = Pvc<br>3.00m-7.50m INNER LINING - SCREEN = Pvc<br>0.00m-0.10m OUTER LINING - GRAVEL = Cement<br>0.10m-3.00m OUTER LINING - GRAVEL = Bentonite<br>3.00m-7.50m OUTER LINING - GRAVEL = Gravel |                     | 3.00m-7.50m Sand                         | 2012-10-11     | 1851     | South      |
| WRK071462 | Observation               |  |   |                     |  | 2012-10-11     | 1851     | South      |
| WRK071463 | Observation               |  |   |                     |  | 2012-10-11     | 1851     | South      |
| WRK983290 |                           |  |   |                     |  |                | 1859     | North West |
| 133627    | Groundwater Investigation | 0.00m-0.50m CLAY<br>0.50m-1.40m FILL CRUSEHD ROCK & SILTSTONE<br>1.40m-4.00m CLAY  | 1.00m-4.00m INNER LINING - SCREEN = Not Known   |                     | 1.00m-4.00m Clay                         | 1998-04-21     | 1887     | North West |
| WRK970676 |                           |  |   |                     |  |                | 1889     | South      |
| 133635    | Groundwater Investigation | 0.00m-1.50m FILL SANDY LOAM<br>1.50m-2.00m CLAY<br>2.00m-6.50m SANDY CLAY  |   |                     |  | 1998-01-21     | 1894     | North West |
| 133633    | Groundwater Investigation | 0.00m-1.30m FILL SAND & SANDY CLAY<br>1.30m-6.00m SANDY CLAY   |   |                     |  | 1998-01-21     | 1916     | North      |
| 76494     | Domestic                  | 0.00m-0.60m BLACK SANDY TOP SOIL<br>0.60m-1.00m BROWN CLAY SAND - FINE<br>1.00m-2.13m YELLOW CALCAREOUS SHELLY SAND - COARSE<br>2.13m-3.00m AS ABOVE TENDING GREY TO BLACK AND FINE GRAINED<br>3.00m-4.50m LIGNEOUS BLACK CLAY   | -0.10m-2.10m INNER LINING - CASING = Pvc Class 12<br>2.10m-2.74m INNER LINING - SCREEN = Pvc Class 12<br>1.50m-3.00m OUTER LINING - GRAVEL = Gravel   |                     | 2.10m-2.74m Marl                         | 1987-01-09     | 1927     | South West |
| 76556     | Not Known                 |  |   |                     |  | 1988-01-01     | 1949     | South West |

| Bore Id   | Use Type                  | Drillers Log  | Construction  | Latest Water Levels | Geology                                 | Completed Date | Dist (m) | Dir        |
|-----------|---------------------------|---|---|---------------------|---|----------------|----------|------------|
| 133634    | Groundwater Investigation | 0.00m-1.00m FILL FRAVEL & SANDY CLAY<br>1.00m-5.50m SANDY CLAY<br>5.50m-6.00m CLAYEY SAND   |   |                     |   | 1998-01-21     | 1962     | North West |
| 133632    | Groundwater Investigation | 0.00m-0.90m FILL CLAYEY SILT<br>0.90m-3.50m SANDY CLAY<br>3.50m-6.00m CLAYEY SAND   |   |                     |   | 1998-01-21     | 1979     | North      |
| WRK981643 |                           |   |   |                     |   |                | 1981     | North East |
| WRK054967 | Domestic & Stock          | 0.00m-0.30m top soil<br>0.30m-8.00m old sea bed<br>8.00m-9.00m soft sandstone<br>9.00m-12.00m brown sands<br>12.00m-13.00m soft sandstone<br>13.00m-16.00m sands<br>16.00m-17.00m soft sandstone<br>17.00m-18.00m sands | 0.00m-11.00m INNER LINING - CASING = Pvc<br>11.00m-17.00m INNER LINING - SCREEN = Pvc |                     | 0.00m-11.00m Sand<br>11.00m-17.00m Sand | 2010-02-10     | 1991     | West       |

Boreholes WMIS Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Groundwater Boreholes

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Boreholes (Earth Resources Database)

Boreholes from the Earth Resources dataset, within the report buffer:

| Bore Id | Bore Type | Company  | Usage                         | Method                        | Status | Drill Date | Depth | Elevation | Accuracy (m) | Dist (m) | Direct     |
|---------|-----------|--|-------------------------------|-------------------------------|--------|------------|-------|-----------|--------------|----------|------------|
| 315420  |           | Department of Manufacturing & Industry Development |                               |                               |        | 31/12/1928 | 67.06 | 20.00     | 100          | 382      | South West |
| 76479   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 11/01/1986 | 24.38 |           | 100          | 928      | South East |
| 76480   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 09/01/1986 | 24.38 |           | 100          | 1039     | South East |
| 76480   |           | Private Individual/Corporation                     | Irrigation                    | Air Percussion/Air Rotary     |        | 09/01/1986 | 24.38 |           | 100          | 1039     | South East |
| 76456   |           | Private Individual/Corporation                     | Domestic & Stock water supply | Air Percussion/Air Rotary     |        | 23/11/1983 | 22.25 |           | 100          | 1216     | South East |
| 76462   |           | Private Individual/Corporation                     | Stock/Poultry water supply    | Air Percussion/Air Rotary     |        | 27/12/1982 | 21.34 |           | 100          | 1325     | South East |
| 76306   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 13/01/1986 | 60.96 |           | 100          | 1418     | South East |
| 76414   |           | Private Individual/Corporation                     | Domestic water supply         | Hand Auger                    |        | 24/02/1983 | 4.57  |           | 100          | 1682     | South West |
| 81746   |           | Private Individual/Corporation                     | Domestic water supply         | Rotary (diamond/drag bit)     |        | 28/02/1982 | 45.41 |           | 100          | 1710     | North East |
| 76425   |           | Private Individual/Corporation                     | Domestic water supply         | Spear point (multiple system) |        | 12/12/1983 | 5.18  |           | 100          | 1716     | South West |

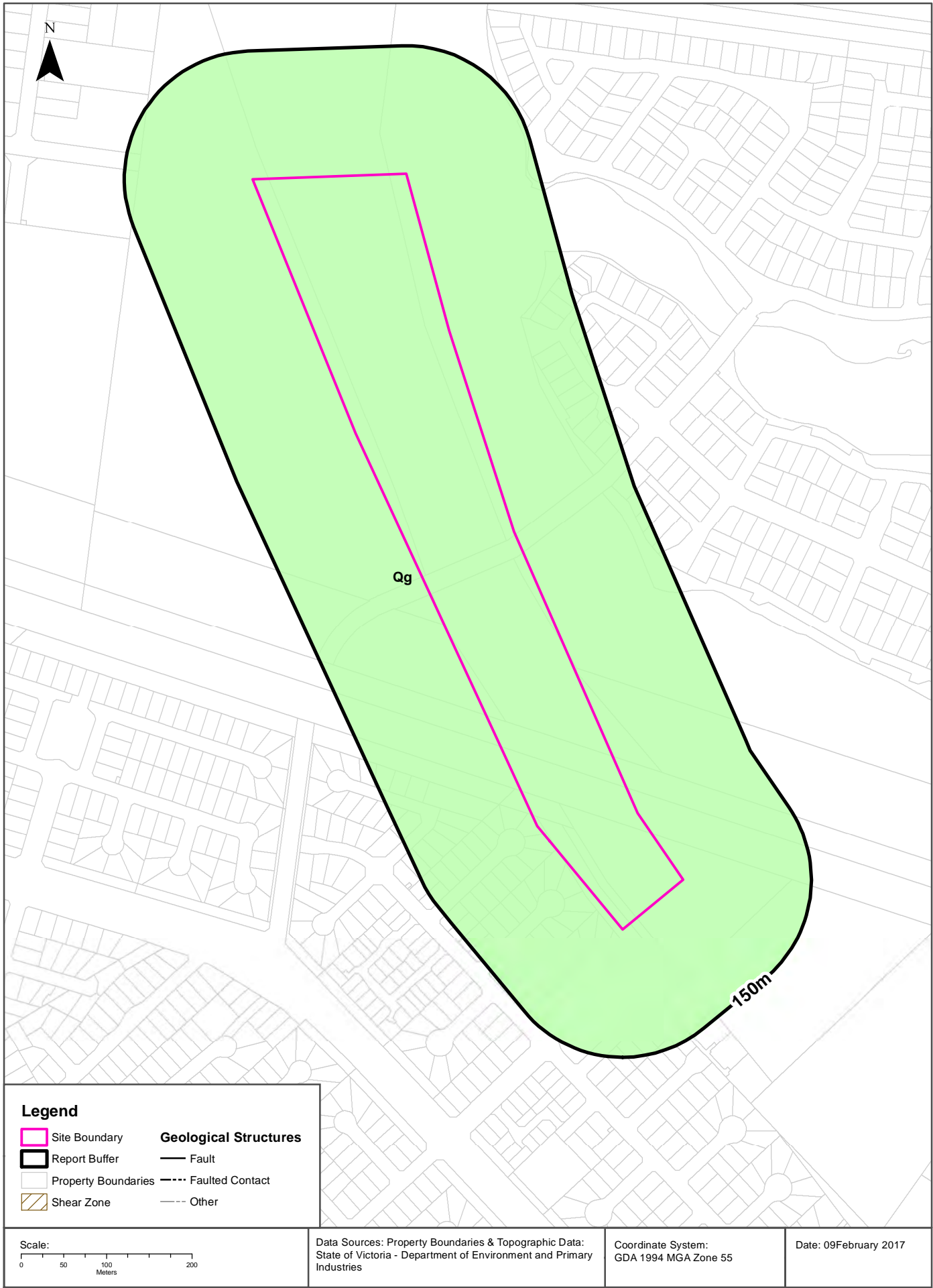
Boreholes Earth Resources Data Source: © The State of Victoria, Department of Economic Development, Jobs, Transport and Resources 2015. Creative Commons Attribution 3.0 Australia

## Boreholes (Federation University)

Boreholes from the Federation University Australia dataset, within the report buffer:

| Bore Id | Authority                | Type | Uses | Initial TD | Log | Dist (m) | Direct |
|---------|--------------------------|------|------|------------|-----|----------|--------|
| N/A     | No records within buffer |      |      |            |     |          |        |

Boreholes FedUni Data Source: © Federation University Australia





## Geology

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Geological Units

What are the Geological Units onsite?

| Symbol | Name                                  | Description   | Geological Age       | Lithology   | Dataset   |
|--------|---------------------------------------|---|----------------------|---|-----------|
| Qg     | coastal lagoon deposits (Qg): generic | Silt, clay: dark grey to black; variably consolidated | Holocene to Holocene | silt material (significant); clay lithology (significant) | 1:250,000 |

What are the Geological Units within the report buffer?

| Symbol | Name                                  | Description   | Geological Age       | Lithology   | Dataset   |
|--------|---------------------------------------|---|----------------------|---|-----------|
| Qg     | coastal lagoon deposits (Qg): generic | Silt, clay: dark grey to black; variably consolidated | Holocene to Holocene | silt material (significant); clay lithology (significant) | 1:250,000 |

Geology Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Geology

### OSAR Proposed Road Alignments - Site 26 (Section 7)

#### Geological Structures

What are the Geological Faults or Faulted Contacts onsite?

| Map Id      | Type | Name | Contact | Positional Accuracy | Dataset   |
|-------------|------|------|---------|---------------------|-----------|
| No features |      |      |         |                     | 1:250,000 |

What are the Dykes, Marker Beds and Veins onsite?

| Map Id           | Type | Name | Description | Positional Accuracy | Dataset |
|------------------|------|------|-------------|---------------------|---------|
| No Data Coverage |      |      |             |                     |         |

What are the Shear Zones onsite (1:250,000 scale)?

| Map Id      | Type | Name | Description | Positional Accuracy | Dataset   |
|-------------|------|------|-------------|---------------------|-----------|
| No features |      |      |             |                     | 1:250,000 |

What are the Geological Faults or Faulted Contacts within the report buffer?

| Map Id      | Type | Name | Contact | Positional Accuracy | Dataset   |
|-------------|------|------|---------|---------------------|-----------|
| No features |      |      |         |                     | 1:250,000 |

What are the Dykes, Marker Beds and Veins within the report buffer?

| Map Id           | Type | Name | Description | Positional Accuracy | Dataset |
|------------------|------|------|-------------|---------------------|---------|
| No Data Coverage |      |      |             |                     |         |

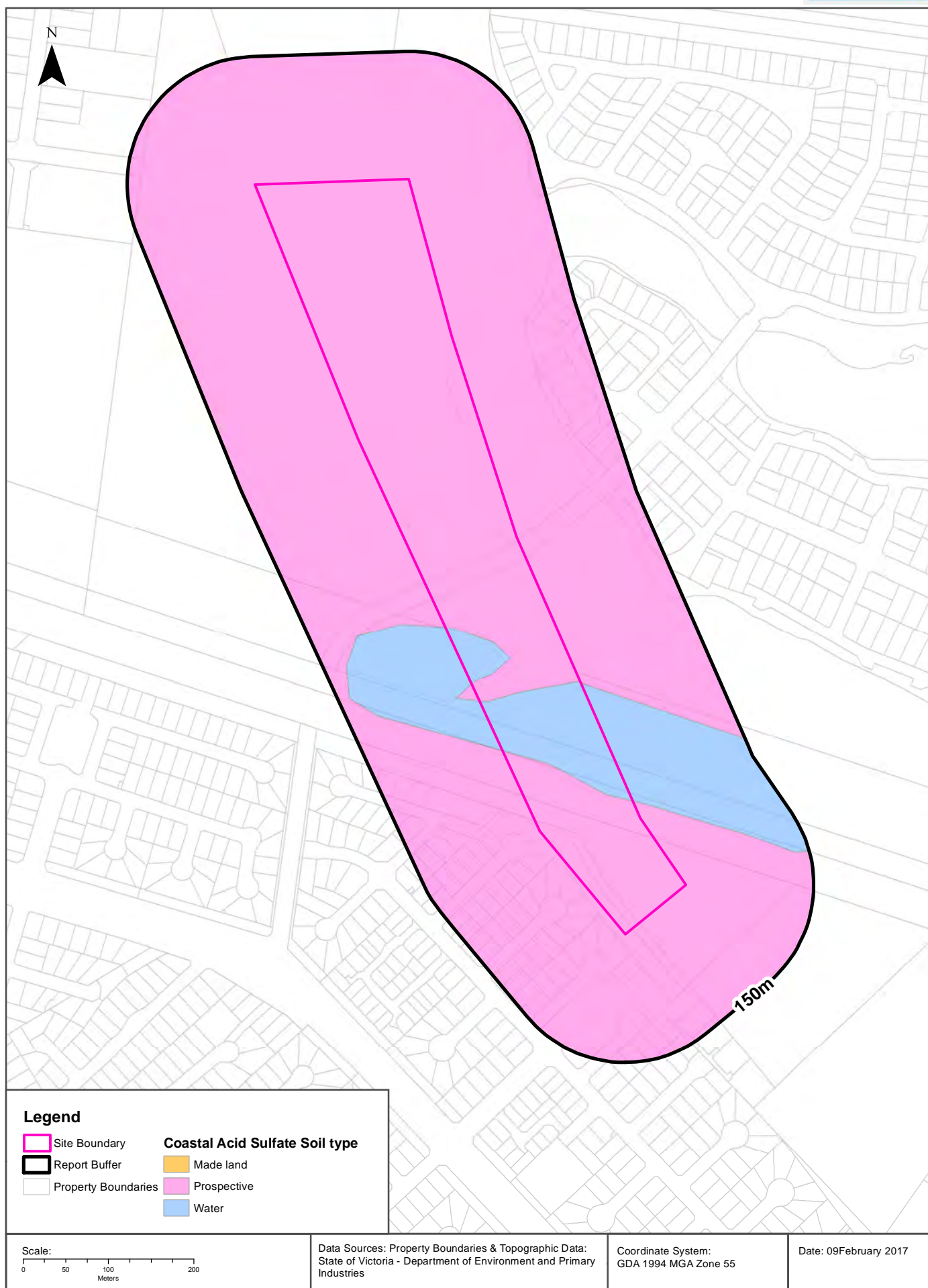
What are the Shear Zones within the report buffer (1:250,000 scale)?

| Map Id      | Type | Name | Description | Positional Accuracy | Dataset   |
|-------------|------|------|-------------|---------------------|-----------|
| No features |      |      |             |                     | 1:250,000 |

Geology Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Coastal Acid Sulfate Soils

OSAR Proposed Road Alignments - Site 26 (Section 7)



## Coastal Acid Sulfate Soils

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Coastal Acid Sulfate Soils

What are the on-site Coastal Acid Sulfate Soil types?

| Coastal Acid Sulfate Soil Types |
|---------------------------------|
| Prospective                     |
| Water                           |

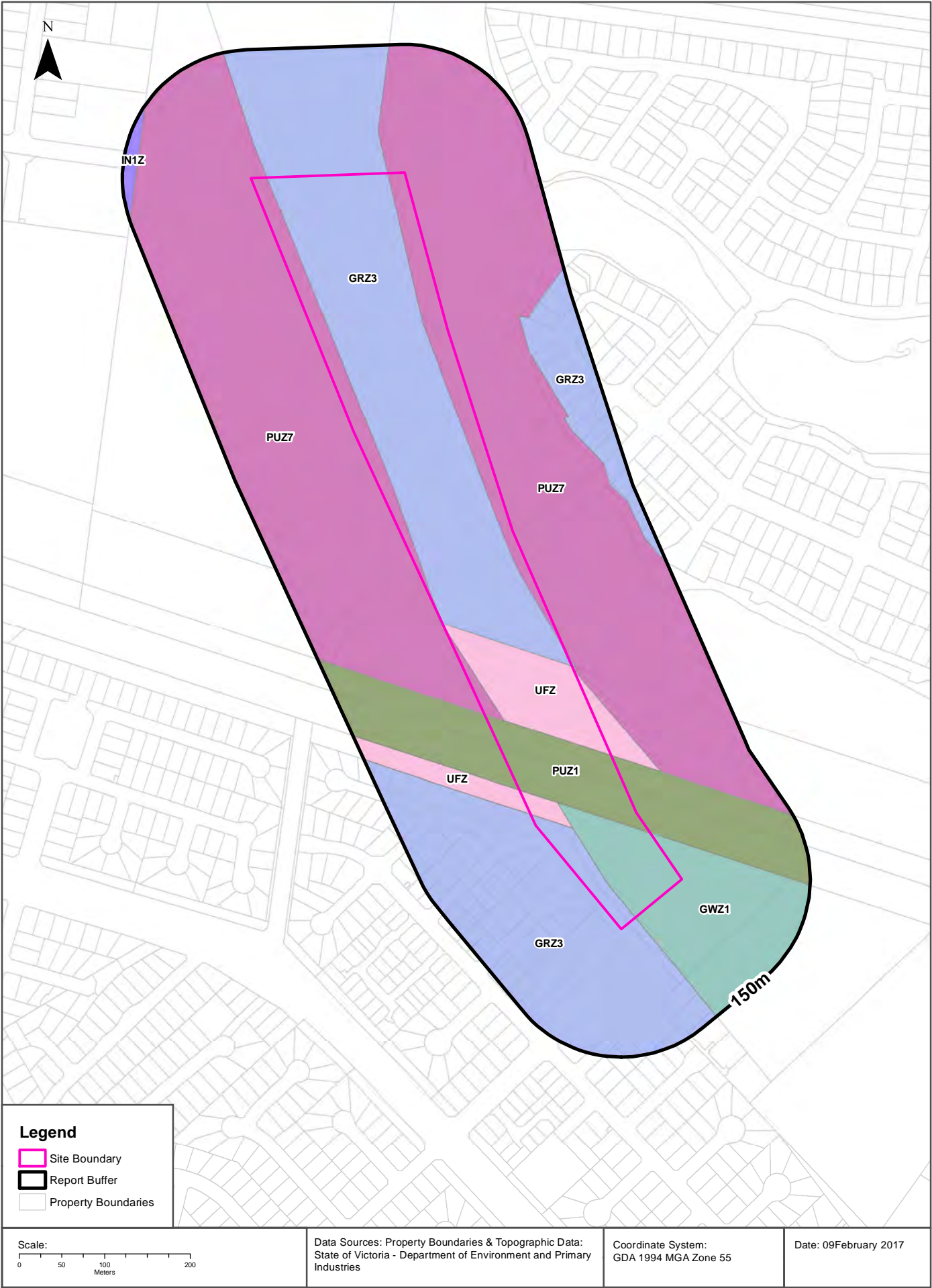
What are the Coastal Acid Sulfate Soil types within the report buffer?

| Coastal Acid Sulfate Soil Types | Distance | Direction |
|---------------------------------|----------|-----------|
| Prospective                     | 0m       | Onsite    |
| Water                           | 0m       | Onsite    |

Coastal Acid Sulfate Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Planning Zones

OSAR Proposed Road Alignments - Site 26 (Section 7)





## Planning Zones

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Planning Zones

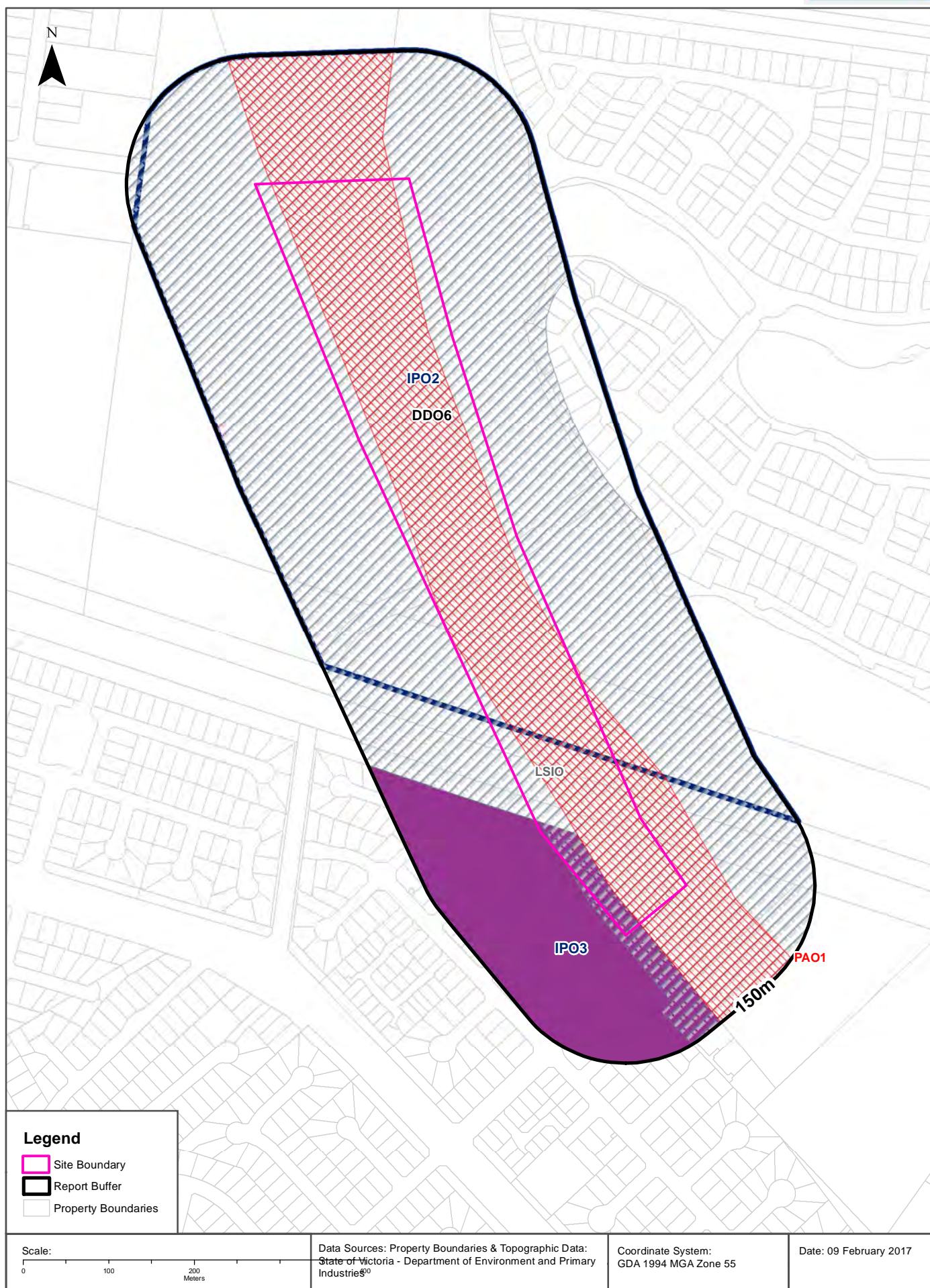
Planning zones within the report buffer:

| Zone Code | Description                           | Distance | Direction  |
|-----------|---------------------------------------|----------|------------|
| GRZ3      | GENERAL RESIDENTIAL ZONE - SCHEDULE 3 | 0m       | Onsite     |
| PUZ7      | PUBLIC USE ZONE - OTHER PUBLIC USE    | 0m       | Onsite     |
| UFZ       | URBAN FLOODWAY ZONE                   | 0m       | Onsite     |
| PUZ1      | PUBLIC USE ZONE - SERVICE AND UTILITY | 0m       | Onsite     |
| GWZ1      | GREEN WEDGE ZONE - SCHEDULE 1         | 0m       | Onsite     |
| GRZ3      | GENERAL RESIDENTIAL ZONE - SCHEDULE 3 | 82m      | East       |
| IN1Z      | INDUSTRIAL 1 ZONE                     | 134m     | North West |

Planning Zone Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Planning Overlays

## OSAR Proposed Road Alignments - Site 26 (Section 7)



## Planning Overlays

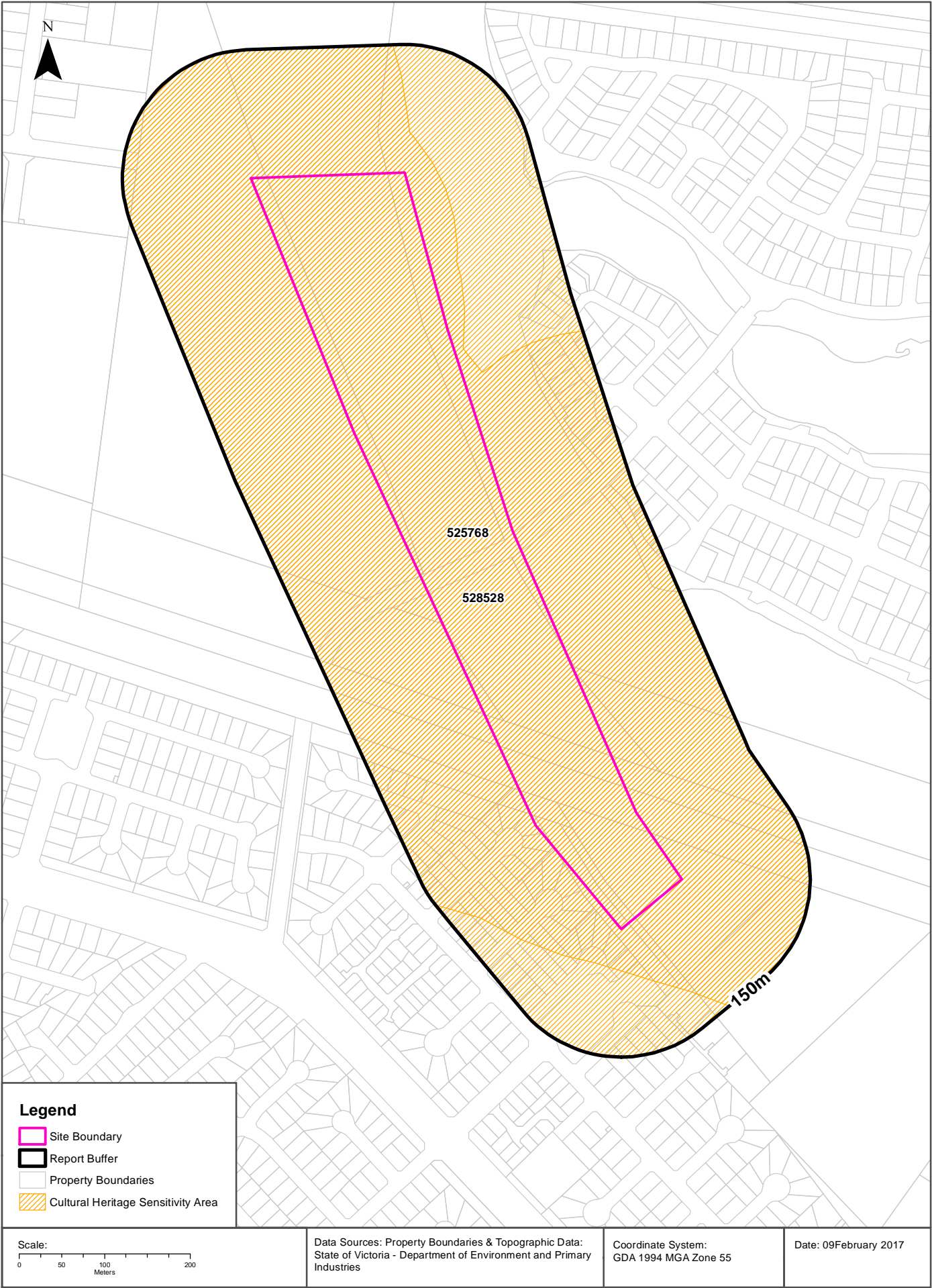
### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Planning Overlays

Planning overlays within the report buffer:

| Zone Code | Description                                 | Distance | Direction |
|-----------|---|----------|-----------|
| LSIO      | LAND SUBJECT TO INUNDATION OVERLAY          | 0m       | Onsite    |
| DDO6      | DESIGN AND DEVELOPMENT OVERLAY - SCHEDULE 6 | 0m       | Onsite    |
| IPO2      | INCORPORATED PLAN OVERLAY - SCHEDULE 2      | 0m       | Onsite    |
| PAO1      | PUBLIC ACQUISITION OVERLAY 1                | 0m       | Onsite    |
| IPO3      | INCORPORATED PLAN OVERLAY - SCHEDULE 3      | 0m       | Onsite    |

Planning Overlay Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>





## Cultural Heritage Sensitivity

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Cultural Heritage Sensitivity

Areas of Cultural Heritage Sensitivity as specified in Division 3 of Part 2 in the Aboriginal Heritage Regulations 2007, within the report buffer:

| Map Id | Culturally Sensitive | Distance | Direction |
|--------|----------------------|----------|-----------|
| 525768 | YES                  | 0m       | Onsite    |
| 528528 | YES                  | 0m       | Onsite    |

Cultural Heritage Sensitivity Data Custodian: State Government Victoria - Dept of Planning and Community Development  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



## Natural Hazards

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Bushfire Prone Areas

What are the designated bushfire prone areas within the report buffer?

| Map ID | Feature                  | Plan No | LGA | Gazetted Date | Distance | Direction |
|--------|--------------------------|---------|-----|---------------|----------|-----------|
| N/A    | No records within buffer |         |     |               |          |           |

Bushfire Prone Area Data Custodian: State Government Victoria - Dept of Transport, Planning & Local Infrastructure  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Fire History

What are the fire history records of fires primarily on public land, within the report buffer?

| Map Id | Fire Type                | Fire Key | Season | Fire No | Fire Name | Treatment | Fire Cover | Start Date | Dist (m) | Direction |
|--------|--------------------------|----------|--------|---------|-----------|-----------|------------|------------|----------|-----------|
| N/A    | No records within buffer |          |        |         |           |           |            |            |          |           |

Fire History Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Flood - 1 in 100 year modelled flood extent

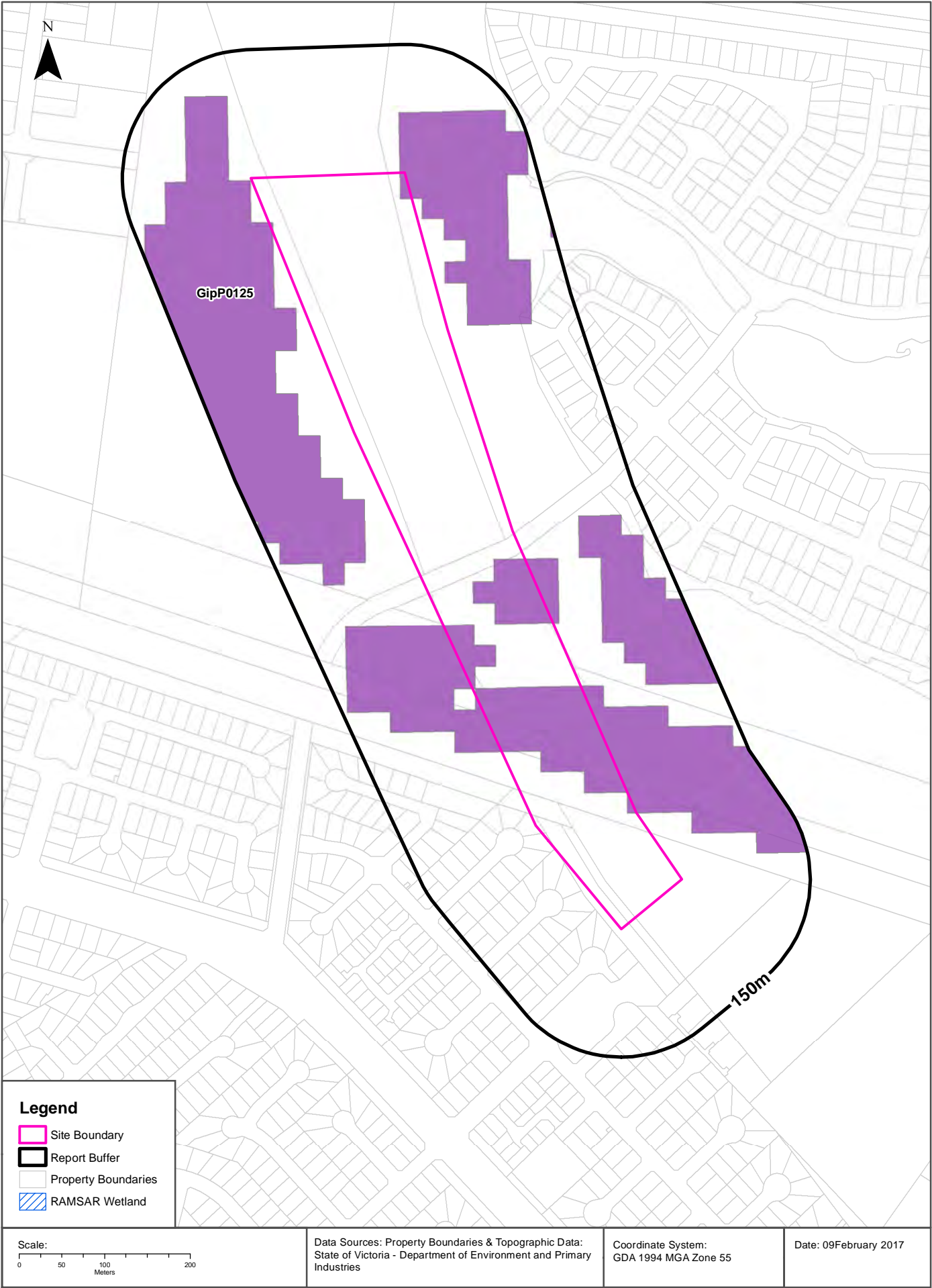
What 1 in 100 year flood extent features exist within the report buffer?

| Feature | Source                   | Method | Scale | Modified Date | Distance | Direction |
|---------|--------------------------|--------|-------|---------------|----------|-----------|
| N/A     | No records within buffer |        |       |               |          |           |

Flood Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Ecological Constraints - Native Vegetation 2005 & RAMSAR Wetlands

OSAR Proposed Road Alignments - Site 26 (Section 7)



## Ecological Constraints

### OSAR Proposed Road Alignments - Site 26 (Section 7)

## Native Vegetation (Modelled 2005 Ecological Vegetation Classes)

What native vegetation exists within the report buffer?

| Veg Code | EVC Name              | EVCCode | Group    | Subgroup   | Bioregion       | Conservation Status | Geographic Occurance | Distance |
|----------|-----------------------|---------|----------|------------|-----------------|---------------------|----------------------|----------|
| GipP0125 | Plains Grassy Wetland | 0125    | Wetlands | Freshwater | Gippsland Plain | Endangered          | Naturally Restricted | 0m       |

Native Vegetation Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## RAMSAR Wetlands

What RAMSAR wetland areas exist within the report buffer?

| Map ID | Site Name                | Lake Name | Distance | Direction |
|--------|--------------------------|-----------|----------|-----------|
| N/A    | No records within buffer |           |          |           |

RAMSAR Wetland Area Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

#### USE OF REPORT – APPLICABLE TERMS

The following terms apply to any person (End User) who is given the Report by the person who purchased the Report from Lotsearch Pty Ltd (ABN: 89 600 168 018) (Lotsearch) or who otherwise has access to the Report. The contract terms that apply between Lotsearch and the purchaser of the Report are specified in the order form pursuant to which the Report was ordered and the terms set out below are of no effect as between Lotsearch and the purchaser of the Report.

1. End User acknowledges and agrees that:
  - (a) the Report is compiled from or using content (**Third Party Content**) which is comprised of:
    - (i) content provided to Lotsearch by third party content suppliers with whom Lotsearch has contractual arrangements or content which is freely available (**Third Party Content Suppliers**);
    - (j) content which is derived from content described in paragraph (i);
  - (b) Lotsearch does not take any responsibility for or give any warranty in relation to the accuracy or completeness of any Third Party Content included in the Report;
  - (c) the Third Party Content Suppliers do not constitute an exhaustive set of all repositories or sources of information available in relation to the property which is the subject of the Report (**Property**);
  - (d) Lotsearch has not undertaken any physical inspection of the property;
  - (e) Lotsearch does not warrant that all land uses or features whether past or current are identified in the Report;
  - (f) the Report does not include any information relating to the actual state or condition of the Property;
  - (g) the Report should not be used or taken to indicate or exclude actual fitness or unfitness of a Property for any particular purpose;
  - (h) the Report should not be relied upon for determining saleability or value or making any other decisions in relation to the Property and in particular should not be taken to be a rating or assessment of the desirability or market value of the property or its features; and
  - (i) the End User should undertake its own inspection s of the Property to satisfy itself that there are no defects or failures.
2. The End User may not make the Report or any copies or extracts of the report or any part of it available to any other person. If End User wishes to provide the Report to any other person or make extracts or copies of the Report, it must contact the purchaser of the Report before doing so to ensure the proposed use is consistent with the contract terms between Lotsearch and the purchaser.
3. Neither Lotsearch (nor any of its officers, employees or agents) nor any of its Third Party Content Suppliers will have any liability to End User or any person to whom End User provides the Report and End User must not represent that Lotsearch or any of its Third Party Content Suppliers accepts liability to any such person or make any other representation to any such person on behalf of Lotsearch or any Third Party Content Supplier.
4. End User must not remove any copyright notices, trade marks, digital rights management information, other embedded information, disclaimers or limitations from the Report or authorise any person to do so.
5. End User acknowledges and agrees that Lotsearch and Third Party Content Suppliers retain ownership of all copyright, patent, design right (registered or unregistered), trade marks (registered or unregistered), database right or other data right, moral right or know how or any other intellectual property right in any Report or any other item, information or data included in or provided as part of a Report.
6. To the extent permitted by law and subject to paragraph 7, all implied terms, representations and warranties whether statutory or otherwise relating to the subject matter of these terms other than as expressly set out in these terms are excluded.
7. Subject to paragraph 8, Lotsearch excludes liability to End User for loss or damage of any kind, however caused, due to Lotsearch's negligence, breach of contract, breach of any law, in equity, under indemnities or otherwise, arising out of all acts, omissions and events whenever occurring.
8. Lotsearch acknowledges that if, under applicable State, Territory or Commonwealth law, End User is a consumer certain rights may be conferred on End User which cannot be excluded, restricted or modified. If so, and if that law applies to Lotsearch, then, Lotsearch's liability is limited to the greater of an amount equal to the cost of resupplying the Report and the maximum extent permitted under applicable laws.
9. Subject to paragraph 7, neither Lotsearch nor the End User is liable to the other for any indirect, incidental, consequential, special or exemplary damages arising out of or in relation to these terms.
10. These terms are subject to New South Wales law.

# Lotsearch



## **Environmental Risk and Planning Report**

**OSAR Proposed Road Alignments - Site 26 (Section 8)**

**Report Buffer: 150m**

**Report Date: 09 Feb 2017 14:23:56**

**Disclaimer:**

The purpose of this report is to provide an overview of some of the site history, environmental risk and planning information available, affecting an individual address or geographical area in which the property is located. It is not a substitute for an on-site inspection or review of other available reports and records. It is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features.

You should obtain independent advice before you make any decision based on the information within the report.

The detailed terms applicable to use of this report are set out at the end of this report.



## Table of Contents

|                                       |    |
|---------------------------------------|----|
| Location Confidences.....             | 2  |
| Dataset Listings .....                | 3  |
| Site Location Aerial .....            | 5  |
| Topographic Features.....             | 6  |
| Elevation Contours.....               | 7  |
| EPA Records.....                      | 8  |
| Waste Management Facilities .....     | 11 |
| Historical Business Activities.....   | 12 |
| Historical Aerial Imagery & Maps..... | 14 |
| Features of Interest .....            | 22 |
| Hydrogeology & Groundwater.....       | 24 |
| Groundwater Boreholes .....           | 25 |
| Geology.....                          | 29 |
| Coastal Acid Sulfate Soils .....      | 32 |
| Planning Zones .....                  | 34 |
| Planning Overlays .....               | 36 |
| Cultural Heritage Sensitivity.....    | 38 |
| Natural Hazards .....                 | 40 |
| Ecological Constraints.....           | 41 |
| Terms & Conditions.....               | 43 |

## Location Confidences

Where Lotsearch has had to georeference features from supplied addresses, a location confidence has been assigned to the data record. This indicates a confidence to the positional accuracy of the feature. Where applicable, a code is given under the field heading "LocConf". These codes lookup to the following location confidences:

| LC Code | Location Confidence   |
|---------|---|
| 1       | Georeferenced to the site location / premise or part of site      |
| 2       | Georeferenced with the confidence of the general/approximate area |
| 3       | Georeferenced to the road or rail                                 |
| 4       | Georeferenced to the road intersection                            |
| 5       | Feature is a buffered point                                       |
| 6       | Land adjacent to Georeferenced Site                               |
| 7       | Georeferenced to a network of features                            |

## Dataset Listing

Datasets contained within this report, detailing their source and data currency:

| Dataset Name  | Custodian   | Supply Date | Currency Date | Update Frequency | No. Features Onsite | No. Features within 100m | No. Features in Buffer |
|---|---|-------------|---------------|------------------|---------------------|--------------------------|------------------------|
| Topographic and Cadastre data   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 06/02/2017  | 06/02/2017    | Quarterly        | -                   | -                        | -                      |
| Current Priority Sites  | Environment Protection Authority (Vic)  | 06/02/2017  | 31/12/2016    | Monthly          | 0                   | 0                        | 0                      |
| Former Priority Sites & other Pollution Notices                           | Environment Protection Authority (Vic)  | 06/02/2017  | 05/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| EPA Environmental Audit Reports   | Environment Protection Authority (Vic)  | 06/02/2017  | 24/11/2016    | Monthly          | 0                   | 0                        | 0                      |
| Groundwater Zones with Restricted Uses                                    | Environment Protection Authority (Vic)  | 06/02/2017  | 27/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Licensed Activities   | Environment Protection Authority (Vic)  | 06/02/2017  | 29/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Former Licensed Activities  | Environment Protection Authority (Vic)  | 06/02/2017  | 29/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Works Approvals   | Environment Protection Authority (Vic)  | 06/02/2017  | 06/02/2017    | Monthly          | 0                   | 0                        | 0                      |
| National Waste Management Site Database                                   | Geoscience Australia  | 06/02/2017  | 15/11/2012    | Quarterly        | 0                   | 0                        | 0                      |
| Statewide Waste and Resource Recovery Infrastructure Plan Facilities      | State Government Victoria - Department of Sustainability                                      | 27/11/2014  | 31/12/2012    | None planned     | 0                   | 0                        | 0                      |
| EPA Prescribed Industrial Waste   | Environment Protection Authority (Vic)  | 04/01/2017  | 04/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| UBD Business to Business Directory 1991                                   | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business to Business Directory 1991 - Garages & Service Stations      | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business Directory 1980   | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business Directory 1980 Drycleaners, Motor Garages & Service Stations | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| Features of Interest  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 03/02/2017  | 27/01/2017    | Quarterly        | 4                   | 7                        | 8                      |
| Hydrogeology Map of Australia   | Commonwealth of Australia (Geoscience Australia)  | 08/10/2014  | 17/03/2000    | As required      | 1                   | 1                        | 1                      |
| Groundwater Salinity  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 29/08/2012    | Unknown          | 1                   | -                        | -                      |
| Depth to Watertable   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 29/08/2012    | Unknown          | 1                   | -                        | -                      |
| Surface Elevation   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 23/09/2013    | Unknown          | 1                   | -                        | -                      |
| Basement Elevation  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 23/09/2013    | Unknown          | 1                   | -                        | -                      |
| Groundwater Boreholes WMIS  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 29/04/2016  | 28/04/2016    | Annually         | 0                   | 0                        | 26                     |
| Groundwater Boreholes Earth Resources Database                            | The State of Victoria, Department of Economic Development, Jobs, Transport and Resources      | 29/04/2016  | 17/02/2010    | As required      | 0                   | 0                        | 10                     |
| Groundwater Boreholes Fed Uni   | Federation University Australia   | 29/04/2016  | 07/01/2014    | As required      | 0                   | 0                        | 0                      |
| Geological Units 1:250,000  | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 1                   | -                        | 1                      |
| Geological Structures 1:250,000   | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 0                   | -                        | 0                      |
| Shear zones 250k  | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 0                   | -                        | 0                      |
| Coastal Acid Sulfate Soils  | The State of Victoria, Department of Economic Development, Jobs, Transport and Resources      | 15/07/2016  | 30/03/2011    | None planned     | 1                   | 2                        | 2                      |
| Planning Scheme Zones   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 27/01/2017  | 27/01/2017    | Quarterly        | 2                   | 6                        | 9                      |

| Dataset Name  | Custodian  | Supply Date | Currency Date | Update Frequency | No. Features Onsite | No. Features within 100m | No. Features in Buffer |
|---|--|-------------|---------------|------------------|---------------------|--------------------------|------------------------|
| Planning Scheme Overlay   | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 3                   | 3                        | 5                      |
| Cultural Heritage Sensitivity                                   | State Government Victoria - Department of Planning and Community Development           | 03/02/2017  | 27/01/2017    | Quarterly        | 2                   | 2                        | 2                      |
| Bushfire Prone Area   | State Government Victoria - Department of Transport, Planning and Local Infrastructure | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| Fire History  | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| Flood - 1 in 100 Year Modelled Flood Extent                     | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| Native Vegetation (Modelled 2005 Ecological Vegetation Classes) | State Government Victoria - Department of Environment, Land, Water & Planning          | 13/01/2015  | 31/12/2005    | None planned     | 1                   | 1                        | 1                      |
| RAMSAR Wetlands   | State Government Victoria - Department of Environment, Land, Water & Planning          | 13/01/2015  | 24/06/2013    | None planned     | 0                   | 0                        | 0                      |



## Aerial Imagery 2016

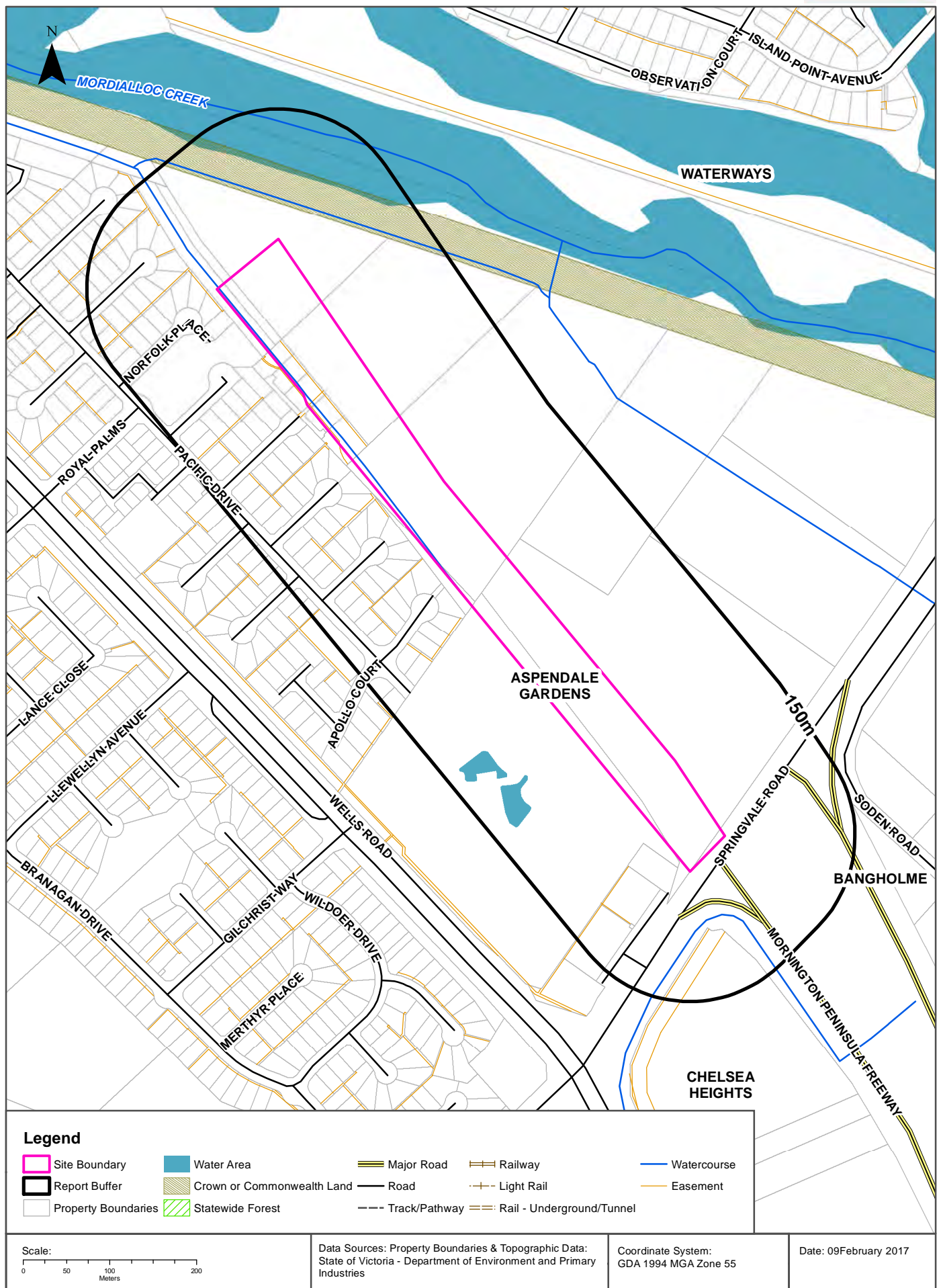
### OSAR Proposed Road Alignments - Site 26 (Section 8)





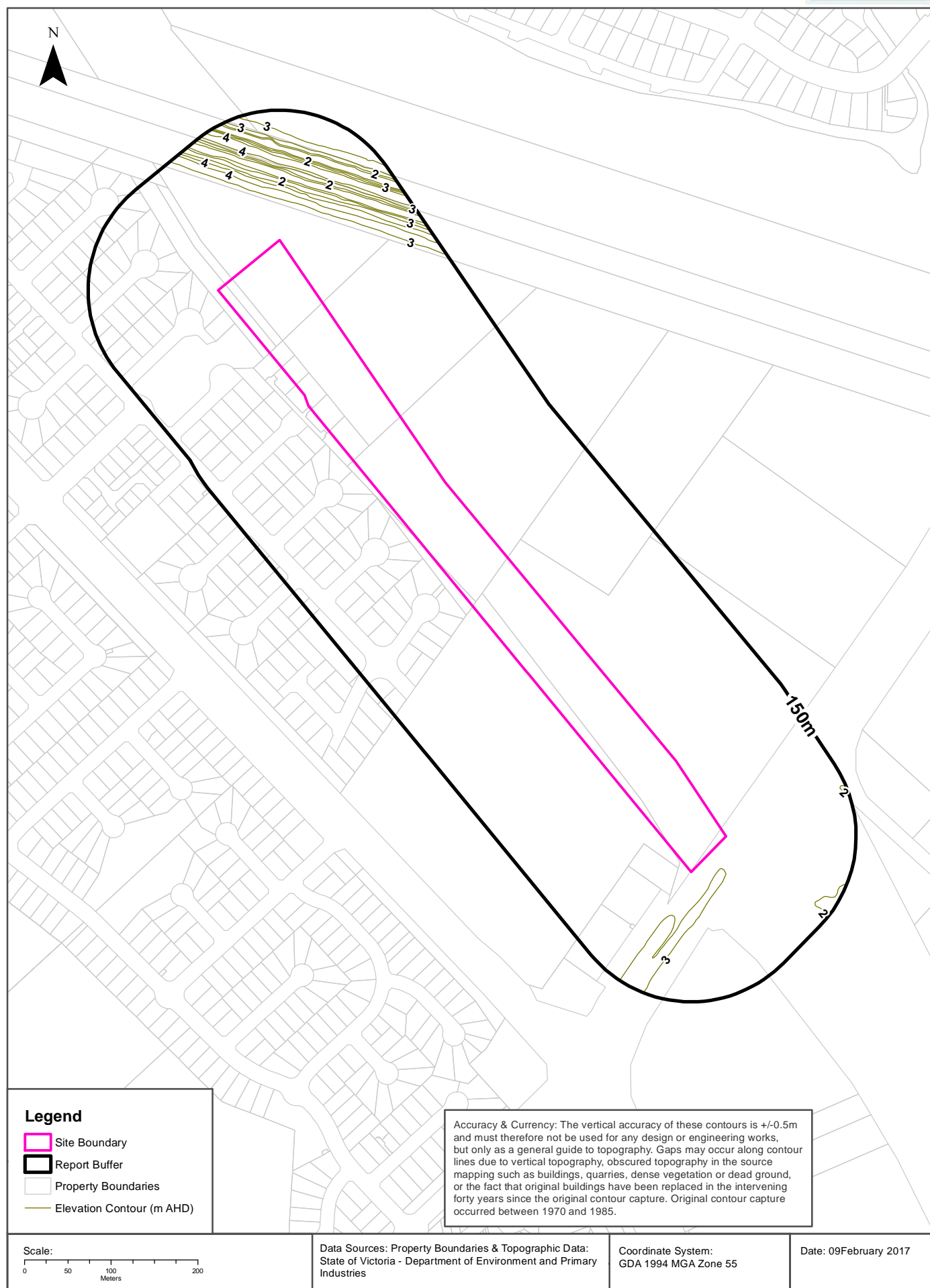
# Topographic Data

## OSAR Proposed Road Alignments - Site 26 (Section 8)



# Elevation Contours (m AHD)

## OSAR Proposed Road Alignments - Site 26 (Section 8)



## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## Current EPA Priority Sites Register

What sites on the current EPA priority sites register exist within the report buffer?

| Notice No | Address              | Suburb | Issue | Loc Conf | Dist (m) | Direction |
|-----------|----------------------|--------|-------|----------|----------|-----------|
| N/A       | No records in buffer |        |       |          |          |           |

Priority Sites Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Former EPA Priority Sites & Other Pollution Notices

What sites within the report buffer have been issued a Pollution Notice?

**Note. Due to pollution notices being revoked and removed from published lists this is not an exhaustive list of all past pollution notices.**

| Notice No | Notice Type          | Company | Address | Suburb | Status | Issue | Date Issued | Loc Conf | Dist | Dir |
|-----------|----------------------|---------|---------|--------|--------|-------|-------------|----------|------|-----|
| N/A       | No records in buffer |         |         |        |        |       |             |          |      |     |

Pollution Notice Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## EPA Environmental Audits

What EPA environmental audit records exist within the report buffer?

Note. Please click on CARMS No. to activate a hyperlink to online documentation. If link does not work, documentation may still be accessible via the EPA Interaction Portal.

| CARMS No | Transaction No       | Site | Address | Suburb | Date Complete | Loc Conf | Distance | Direction |
|----------|----------------------|------|---------|--------|---------------|----------|----------|-----------|
| N/A      | No records in buffer |      |         |        |               |          |          |           |

Environmental Audit Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Groundwater Zones with Restricted Uses

What EPA GQRUZ exist within the report buffer?

Note. Please click on CARMS No. to activate a hyperlink to online documentation.

| CARMS No | EPA Id               | Site History | Site Address | Restricted Uses | Loc Conf | Distance | Direction |
|----------|----------------------|--------------|--------------|-----------------|----------|----------|-----------|
| N/A      | No records in buffer |              |              |                 |          |          |           |

Environmental GQRUZ Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)



## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## EPA Licensed Activities

What EPA licensed activities exist within the report buffer?

| Trans No | Licence No           | Licence Type | Organisation | Premise Ref | Premise Address 1 | Premise Address 2 | Activities | Loc Conf | Dist (m) | Direction |
|----------|----------------------|--------------|--------------|-------------|-------------------|-------------------|------------|----------|----------|-----------|
| N/A      | No records in buffer |              |              |             |                   |                   |            |          |          |           |

Licensed Activity Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Former EPA Licensed Activities

What former EPA licensed activities exist within the report buffer?

| Licence No | Organisation         | Premise Address | Suburb | Activities | Loc Conf | Dist (m) | Direction |
|------------|----------------------|-----------------|--------|------------|----------|----------|-----------|
| N/A        | No records in buffer |                 |        |            |          |          |           |

Former Licensed Activity Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Works Approvals

What EPA works approvals exist within the report buffer?

| Transaction No | Status               | Approval No | Organisation | Premise Address | Suburb | Scheduled Categories | Loc Conf | Dist (m) | Direction |
|----------------|----------------------|-------------|--------------|-----------------|--------|----------------------|----------|----------|-----------|
| N/A            | No records in buffer |             |              |                 |        |                      |          |          |           |

Works Approvals Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Waste Management Facilities

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## National Waste Management Site Database

Sites on the National Waste Management Site Database within the report buffer:

| Site Id | Owner                | Name | Address | Suburb | Postcode | Landfill | Reprocess | Transfer | Loc Conf | Dist (m) | Direction |
|---------|----------------------|------|---------|--------|----------|----------|-----------|----------|----------|----------|-----------|
| N/A     | No records in buffer |      |         |        |          |          |           |          |          |          |           |

Waste Management Facilities Data Source: Australian Government Geoscience Australia  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Statewide Waste and Resource Recovery Infrastructure Plan Facilities

Statewide Waste and Resource Recovery Infrastructure Plan Facilities within the report buffer:

| Map Id | Owner                | Site Name | Address | Suburb | Category | Sub Category | Loc Conf | Distance | Direction |
|--------|----------------------|-----------|---------|--------|----------|--------------|----------|----------|-----------|
| N/A    | No records in buffer |           |         |        |          |              |          |          |           |

SWRRIPF Data Source: State Government Victoria - Department of Sustainability

## EPA Prescribed Industrial Waste

EPA Prescribed industrial waste sites within the report buffer:

| Map Id | Company Name         | Address | Suburb | Treatment /Disposal | Transport | Accredited Agent | EPA List Status | Loc Conf | Dist (m) | Direct |
|--------|----------------------|---------|--------|---------------------|-----------|------------------|-----------------|----------|----------|--------|
| N/A    | No records in buffer |         |        |                     |           |                  |                 |          |          |        |

Prescribed Industrial Waste Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Historical Business Directories

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## 1991 Business to Business Directory Records

1991 UBD Business Directory Records within 150m of the site:

| Activity | Organisation         | Address | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

## 1991 Business to Business Directory Garages & Service Stations

1991 UBD Business Directory Garages & Service Stations within 1km of the site:

| Activity | Organisation         | Address | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

## Historical Business Directories

### OSAR Proposed Road Alignments - Site 26 (Section 8)

#### 1980 Business Directory Records

1980 UBD Business Directory Records within 150m of the site:

| Activity | Premise              | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

#### 1980 Business Directory Drycleaners, Garages & Service Stations

Drycleaners, Garages & Service Stations from the 1980 UBD Business Directory within 1km of the site:

| Activity | Premise              | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant



# Aerial Imagery 2009

## OSAR Proposed Road Alignments - Site 26 (Section 8)





## Aerial Imagery 2005

### OSAR Proposed Road Alignments - Site 26 (Section 8)





## Aerial Imagery 1990

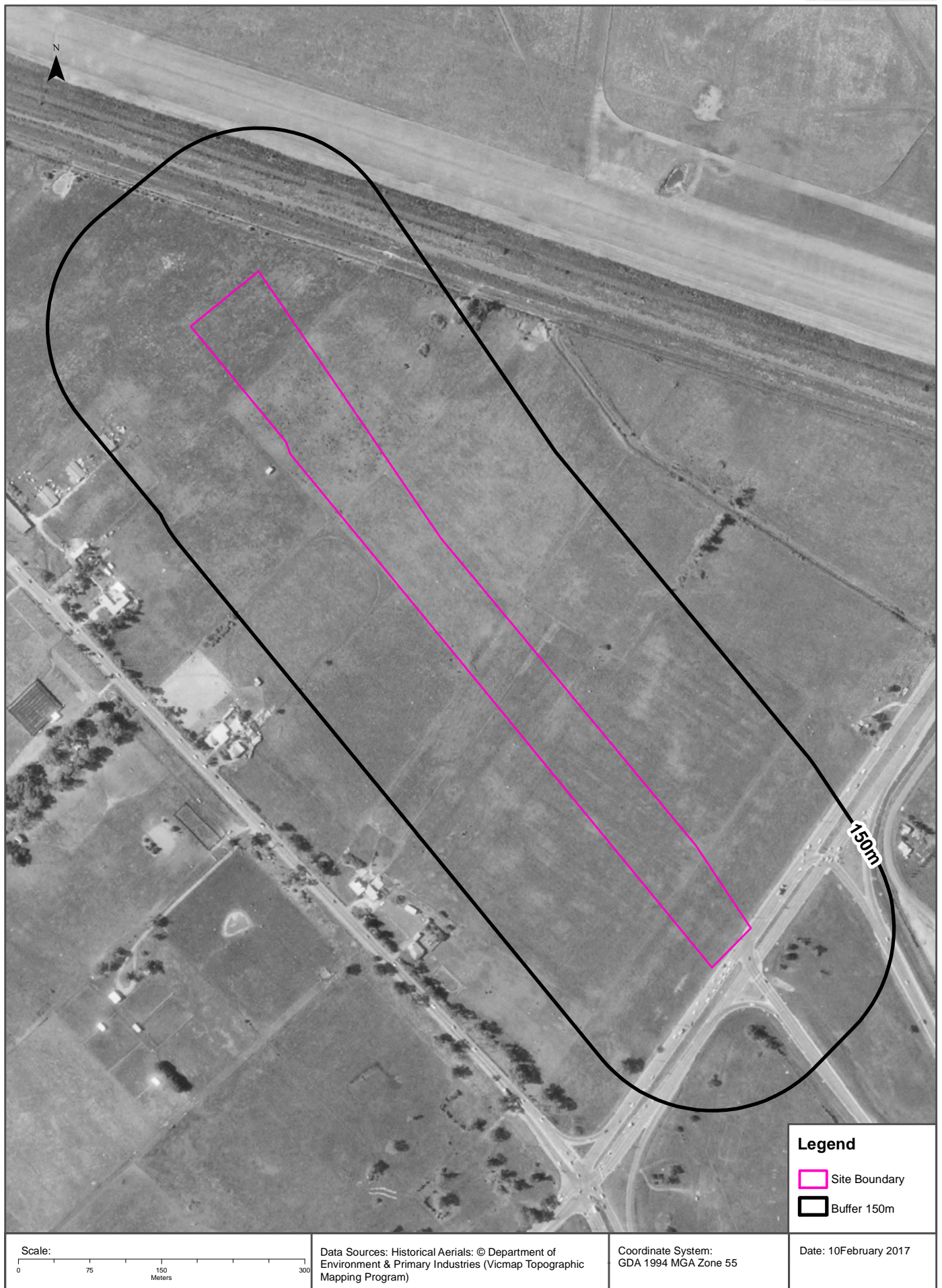
OSAR Proposed Road Alignments - Site 26 (Section 8)





## Aerial Imagery 1985

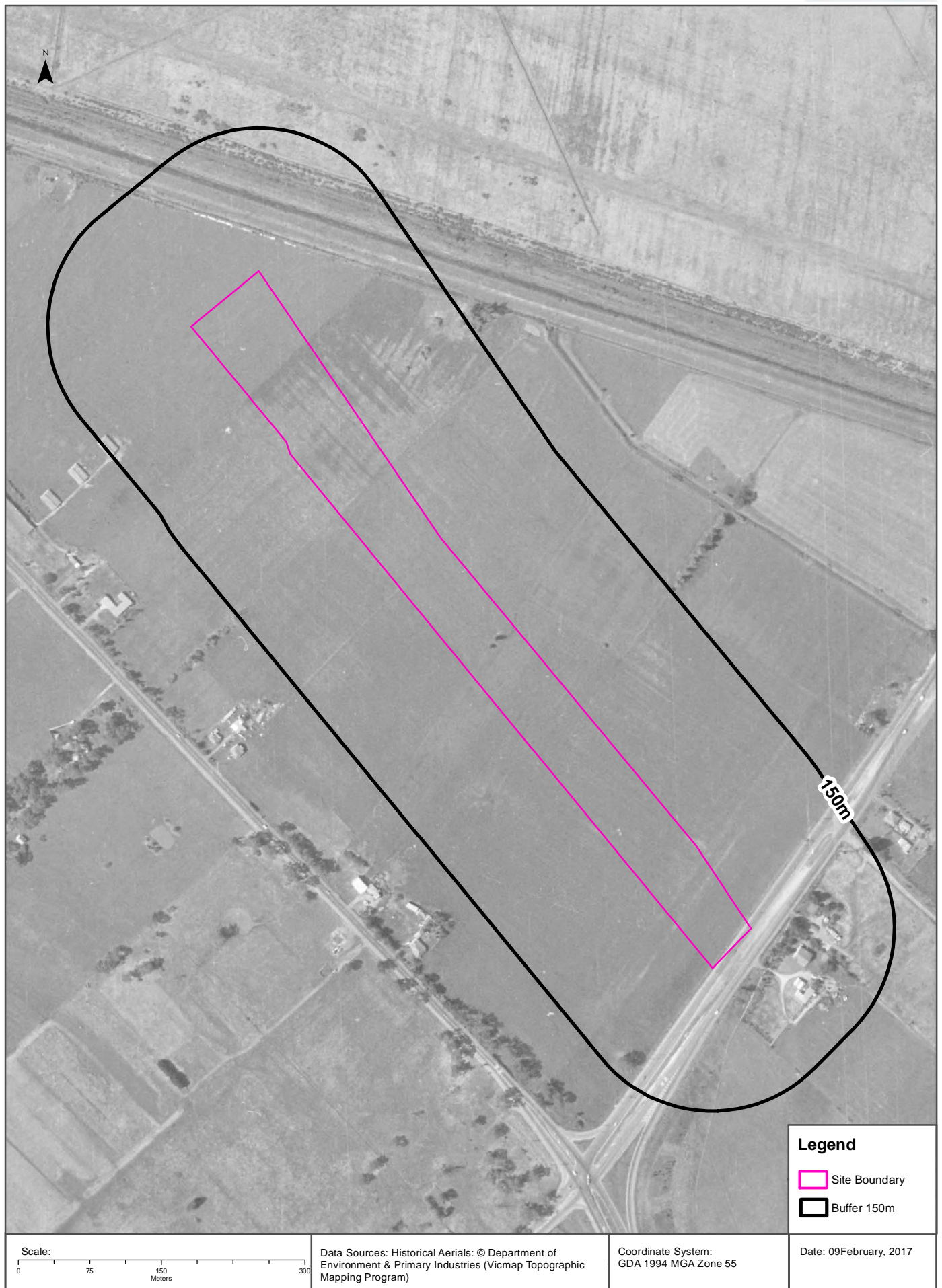
OSAR Proposed Road Alignments - Site 26 (Section 8)





## Aerial Imagery 1974

OSAR Proposed Road Alignments - Site 26 (Section 8)





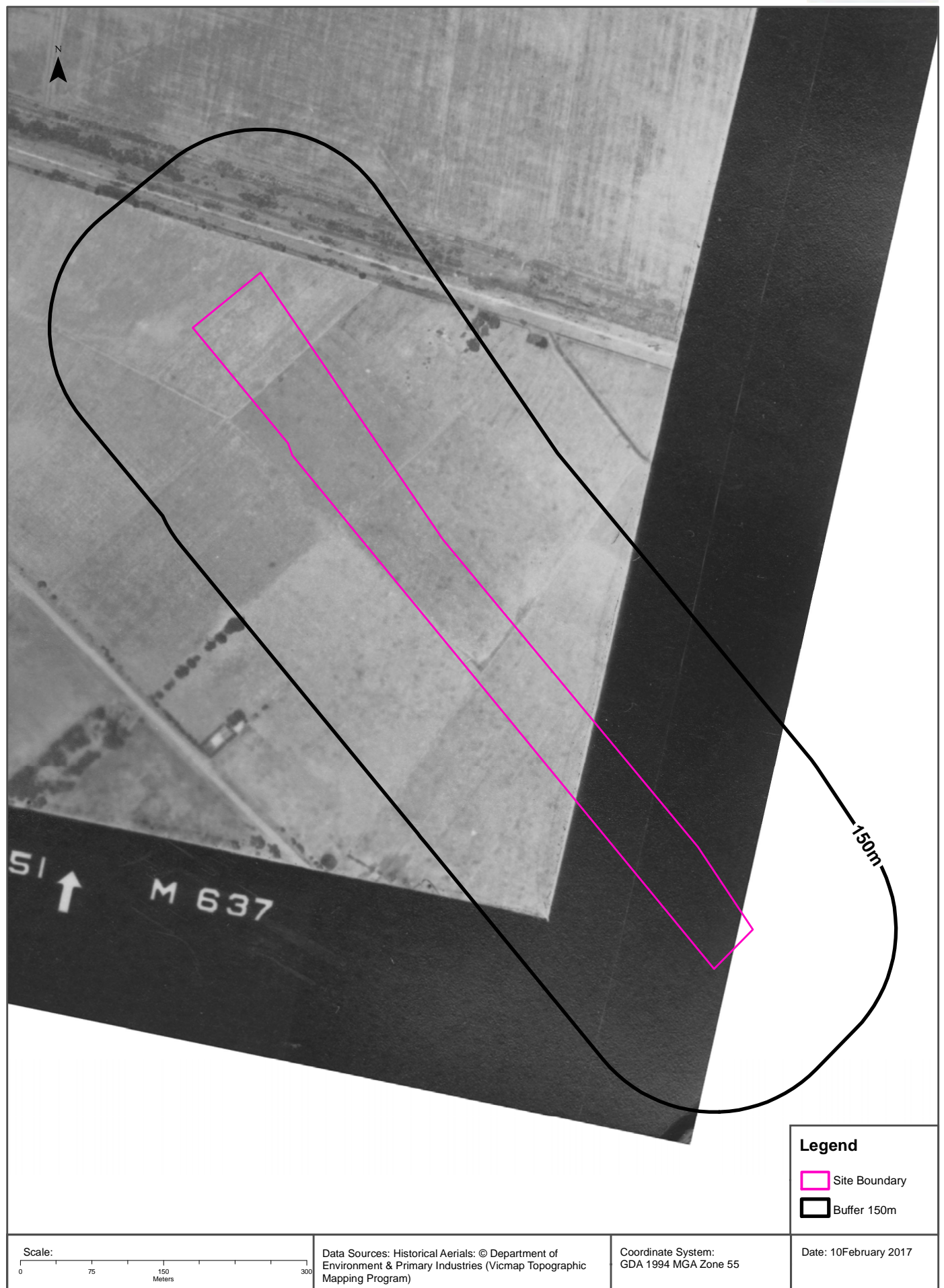
## Aerial Imagery 1962

OSAR Proposed Road Alignments - Site 26 (Section 8)



## Aerial Imagery 1951

OSAR Proposed Road Alignments - Site 26 (Section 8)





# Aerial Imagery 1951

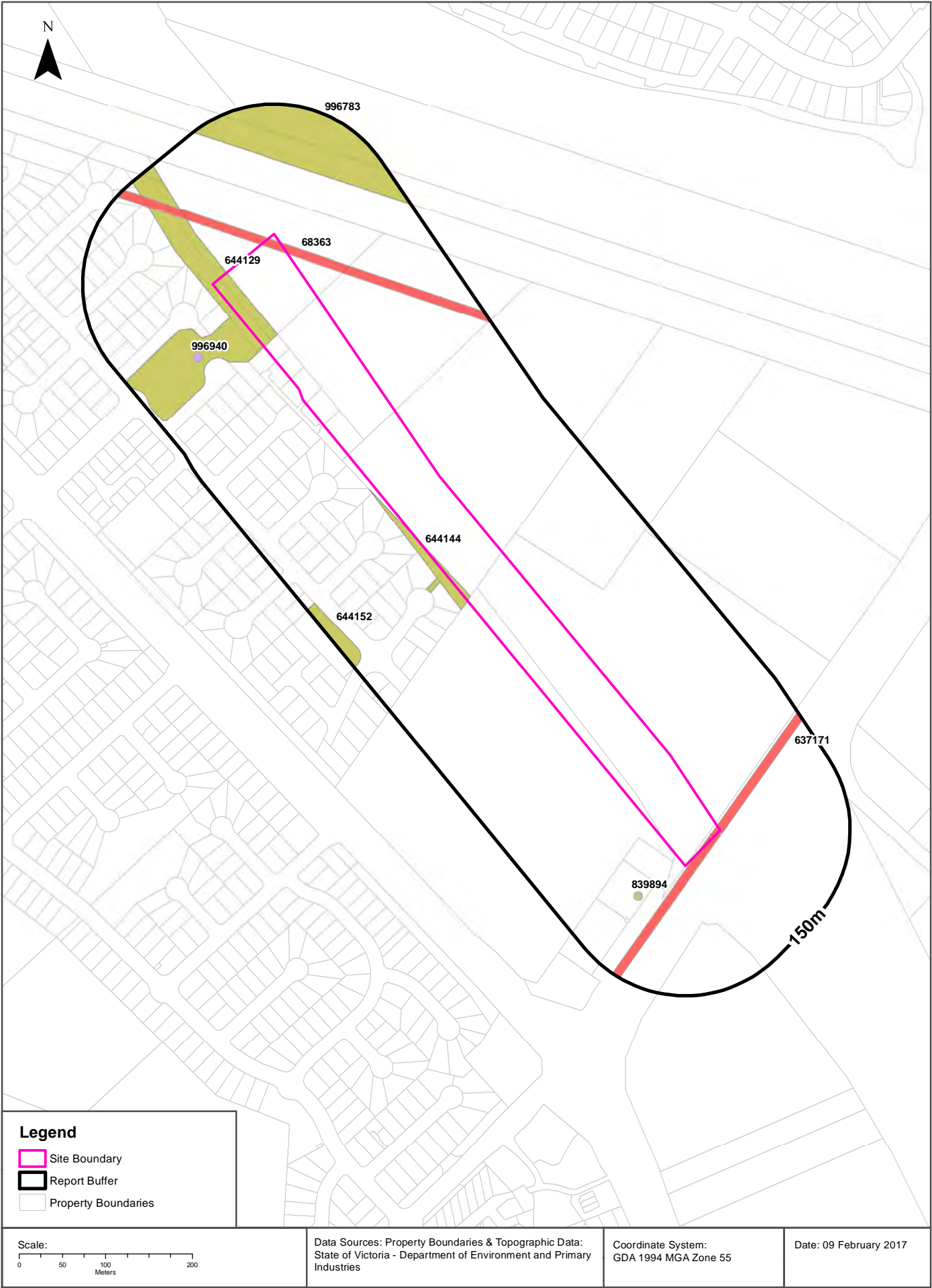
OSAR Proposed Road Alignments - Site 26 (Section 8)





Features of Interest

OSAR Proposed Road Alignments - Site 26 (Section 8)



## Features of Interest

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## Features of Interest

Features of Interest within 1km of the site:

| Feature Id | Feature Type          | Feature Sub Type | Name                                       | Distance | Direction  |
|------------|-----------------------|------------------|--|----------|------------|
| 644144     | reserve               | park             |  | 0m       | Onsite     |
| 68363      | pipeline              | gas pipeline     | Dutson To Hastings                         | 0m       | Onsite     |
| 637171     | pipeline              | gas pipeline     | Dandenong - Edithvale                      | 0m       | Onsite     |
| 644129     | reserve               | park             |  | 0m       | Onsite     |
| 839894     | care facility         | child care       | Goodstart Early Learning Aspendale Gardens | 60m      | South East |
| 996940     | recreational resource | playground       |  | 62m      | North West |
| 996783     | reserve               | park             |  | 82m      | North      |
| 644152     | reserve               | park             |  | 133m     | South West |

Features of Interest Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Hydrogeology & Groundwater

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## Hydrogeology

Description of aquifers within report buffer:

| Description                                  | Distance | Direction |
|--|----------|-----------|
| Porous, extensive highly productive aquifers | 0m       | Onsite    |

Hydrogeology Map of Australia: Commonwealth of Australia (Geoscience Australia)

Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Groundwater Salinity

On-site Groundwater Salinity:

| Groundwater Salinity | Percent Of Site Area |
|----------------------|----------------------|
| 3,500 - 7,000 mg/l   | 100                  |

## Depth to Watertable

On-site Depth to Watertable:

| Depth to Watertable | Percent Of Site Area |
|---------------------|----------------------|
| Less than 5 metres  | 100                  |

## Surface Elevation

Approximate on-site Surface Elevation:

| Surface Elevation |
|-------------------|
| 2 AHDm to 3 AHDm  |

## Basement Elevation

Approximate on-site Basement Elevation:

| Basement Elevation - Basement Rocks comprise Lower Palaeozoic basement rocks that form the highlands and the crystalline basement; and Mesozoic rocks of the Otway and Gippsland basins both outcropping and subsurface |
|---|
| -55 AHDm to -52 AHDm  |

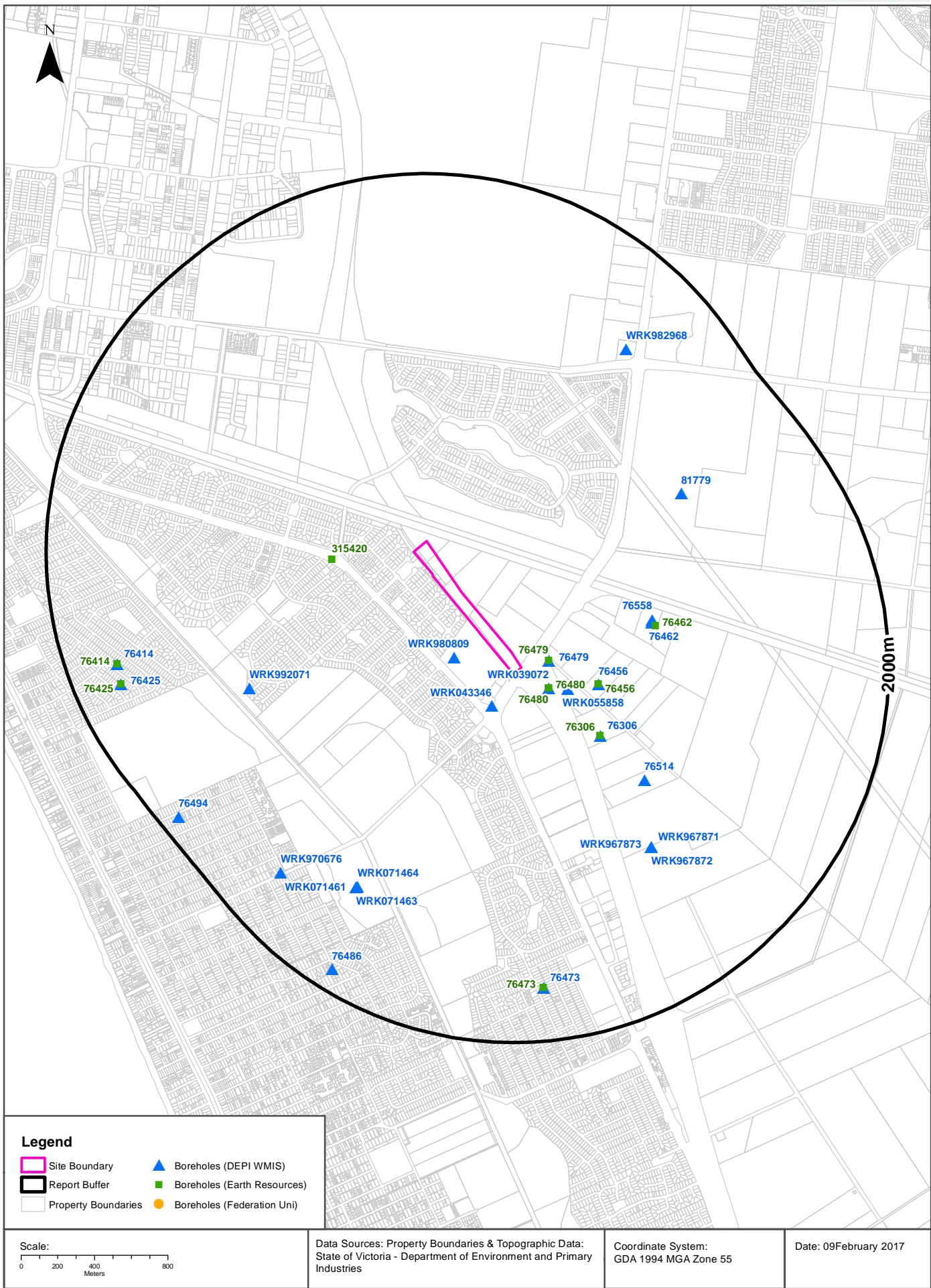
Groundwater Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning

Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



# Groundwater Boreholes

OSAR Proposed Road Alignments - Site 26 (Section 8)



## Groundwater Boreholes

### OSAR Proposed Road Alignments - Site 26 (Section 8)

### Boreholes (DEPI WMIS)

Boreholes from the Department of Environment and Primary Industries' Water Measurement Information System, within the report buffer:

| Bore Id   | Use Type                         | Drillers Log  | Construction  | Latest Water Levels | Geology            | Completed Date | Dist (m) | Dir        |
|-----------|----------------------------------|---|---|---------------------|--------------------|----------------|----------|------------|
| 76479     | Domestic                         | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-12.00m SANDY CLAY<br>12.00m-19.00m SAND (MEDIUM)<br>19.00m-24.38m CLAY IRONSTONE BANDS   | 0.00m-12.19m INNER LINING - CASING = Pvc Class 9<br>12.19m-18.29m INNER LINING - SCREEN = Pvc Class 9<br>18.29m-24.38m INNER LINING - CASING = Pvc Class 9  |                     | 12.19m-18.29m Sand | 1986-01-11     | 154      | South East |
| WRK039072 | Domestic, Irrigation, Stock      | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-18.00m SANDY CLAY<br>18.00m-22.00m SAND (MEDIUM)<br>22.00m-24.38m CLAY (IRONSTONE BANDS)   | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-21.34m INNER LINING - SCREEN = Pvc<br>21.34m-24.38m INNER LINING - CASING = Pvc  |                     | 18.29m-21.34m Sand | 1986-01-09     | 187      | South East |
| WRK980809 |                                  |   |   |                     |                    |                | 190      | South      |
| WRK043346 |                                  |   |   |                     |                    |                | 205      | South      |
| WRK055858 | Irrigation                       |   |   |                     |                    |                | 275      | South East |
| 76456     | Domestic, Stock                  | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-12.00m SANDY CLAY<br>12.00m-18.00m SAND (MEDIUM)<br>18.00m-22.25m CLAY WITH IRONSTONE BANDS                                      | 0.00m-12.19m INNER LINING - CASING = Pvc<br>12.19m-18.29m INNER LINING - SCREEN = Pvc<br>18.29m-22.25m INNER LINING - CASING = Pvc  |                     | 12.19m-18.29m Sand | 1983-11-23     | 429      | South East |
| 76306     | Domestic                         | 0.00m-3.00m BLACK CLAY<br>3.00m-11.00m YELLOW CLAY<br>11.00m-18.00m SANDY CLAY<br>18.00m-24.38m SAND (MEDIUM)   | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-24.38m INNER LINING - SCREEN = Pvc   |                     | 18.29m-24.38m Sand | 1986-01-13     | 568      | South East |
| 76462     | Agro Industries, Domestic, Stock | 0.00m-2.44m BLACK TOPSOIL<br>2.44m-3.00m GREY CLAY<br>3.00m-12.19m RED CLAY<br>12.19m-18.29m GREY SANDY CLAY<br>18.29m-21.34m COARSE SAND   | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-21.34m INNER LINING - SCREEN = Pvc   |                     | 18.29m-21.34m Sand | 1982-12-27     | 750      | East       |
| 76558     | Not Known                        |   |   |                     |                    | 1988-01-01     | 758      | East       |
| 76514     | Domestic                         | 0.00m-3.00m STILL BLACK CLAY<br>3.00m-6.00m YELLOW BROWN SANDY CLAY<br>6.00m-9.50m YELLOW BROWN LOOSE SAND<br>9.50m-14.00m YELLOW BROWN SANDY CLAY<br>14.00m-20.00m YELLOW BROWN LOOSE SAND | 0.00m-12.50m INNER LINING - CASING = Not Known<br>12.50m-18.30m INNER LINING - SCREEN = Not Known<br>40.00m-0.00m OUTER LINING - GRAVEL = Not Known   |                     | 12.50m-18.30m Sand | 1990-02-27     | 907      | South East |
| WRK992071 |                                  |   |   |                     |                    |                | 1162     | West       |
| WRK967871 | Groundwater Investigation        | 0.00m-0.20m ORGANIC MATTER<br>0.20m-0.40m CLAYEY SAND<br>0.40m-7.50m SANDY CLAY, GREY   | 0.00m-4.50m INNER LINING - CASING = Pvc Class 18<br>4.50m-7.50m INNER LINING - SLOT = Pvc Class 18<br>0.00m-0.50m OUTER LINING - GRAVEL = Cement<br>0.50m-3.50m OUTER LINING - GRAVEL = Seal<br>3.50m-4.00m OUTER LINING - GRAVEL = Bentonite<br>4.00m-7.50m OUTER LINING - GRAVEL = Gravel |                     |                    | 2004-11-26     | 1196     | South East |
| WRK967873 | Groundwater Investigation        | 0.00m-1.20m CLAY<br>1.20m-4.20m SILTY SANDY CLAY, BLACK<br>4.20m-5.20m SANDY CLAY, DARK BROWN<br>5.20m-6.20m SILTY CLAY   | 0.00m-2.60m INNER LINING - CASING = Pvc Class 18<br>2.60m-6.20m INNER LINING - SLOT = Pvc Class 18<br>0.00m-0.50m OUTER LINING - GRAVEL = Cement<br>0.50m-1.20m OUTER LINING - GRAVEL = Seal<br>1.20m-2.10m OUTER LINING - GRAVEL = Bentonite<br>2.10m-6.20m OUTER LINING - GRAVEL = Gravel |                     |                    | 2004-12-10     | 1196     | South East |

| Bore Id   | Use Type                  | Drillers Log   | Construction  | Latest Water Levels | Geology               | Completed Date | Dist (m) | Dir        |
|-----------|---------------------------|--|---|---------------------|-----------------------|----------------|----------|------------|
| WRK967872 | Groundwater Investigation | 0.00m-0.20m ORGANIC MATTER<br>0.20m-0.50m SAND - BROWN<br>0.50m-9.00m SANDY CLAY, GREY   | 0.00m-4.50m INNER LINING - CASING = Pvc Class 18<br>4.50m-9.00m INNER LINING - SLOT = Pvc Class 18<br>0.00m-0.50m OUTER LINING - GRAVEL = Cement<br>0.50m-4.00m OUTER LINING - GRAVEL = Seal<br>4.00m-5.00m OUTER LINING - GRAVEL = Bentonite<br>5.00m-9.00m OUTER LINING - GRAVEL = Gravel |                     |                       | 2004-11-26     | 1196     | South East |
| 81779     | Not Known                 | 0.00m-0.70m SANDY LOAM<br>0.70m-3.00m GREY CLAYEY SAND<br>3.00m-10.00m ORANGE SANDS<br>10.00m-14.00m GREY SANDS<br>14.00m-17.50m BLACK SANDS   | 0.00m-10.50m INNER LINING - CASING = Pvc<br>10.50m-16.50m INNER LINING - SCREEN = Pvc<br>16.50m-17.50m INNER LINING - CASING = Pvc<br>8.50m-17.50m OUTER LINING - GRAVEL = Not Known  |                     | 10.50m-16.50m Sand    | 1988-12-08     | 1262     | North East |
| WRK071464 | Observation               |  |   |                     |                       | 2012-10-11     | 1431     | South      |
| WRK071463 | Observation               |  |   |                     |                       | 2012-10-11     | 1436     | South      |
| WRK071461 | Observation               | 0.00m-0.60m SOIL<br>0.60m-7.30m SAND   | 0.00m-3.00m INNER LINING - CASING = Pvc<br>3.00m-7.50m INNER LINING - SCREEN = Pvc<br>0.00m-0.10m OUTER LINING - GRAVEL = Cement<br>0.10m-3.00m OUTER LINING - GRAVEL = Bentonite<br>3.00m-7.50m OUTER LINING - GRAVEL = Gravel   |                     | 3.00m-7.50m Sand      | 2012-10-11     | 1437     | South      |
| WRK071462 | Observation               |  |   |                     |                       | 2012-10-11     | 1437     | South      |
| WRK982968 |                           |  |   |                     |                       |                | 1505     | North East |
| WRK970676 |                           |  |   |                     |                       |                | 1661     | South West |
| 76473     | Domestic                  | 0.00m-0.91m BLACK TOP SOIL<br>0.91m-3.00m YELLOW FINE SAND<br>3.00m-6.10m COARSE SAND CLEAN  | 0.00m-5.44m INNER LINING - CASING = Not Known<br>5.44m-6.10m INNER LINING - SCREEN = Not Known  |                     | 5.44m-6.10m Sand      | 1983-08-07     | 1708     | South      |
| 76414     | Domestic                  | 0.00m-1.30m PEAT - CLAY<br>1.30m-2.30m SAND - WET<br>2.30m-4.57m CLAY - WET<br>4.57m-0.00m WHITE-GREY SANDSTONE  | 0.00m-3.96m INNER LINING - CASING = Pvc<br>3.96m-4.57m INNER LINING - SCREEN = Pvc  |                     | 3.96m-4.57m Sandstone | 1983-02-24     | 1725     | West       |
| 76425     | Domestic                  | 0.00m-0.61m LOAM<br>0.61m-1.06m WHITE SAND<br>1.06m-1.37m BLACK CLAY<br>1.37m-1.83m GREY SAND AND SHELLS<br>1.83m-2.27m BLACK CLAY<br>2.27m-2.74m GREY SAND AND SEA SHELLS<br>2.74m-3.35m BLACK CLAY<br>3.35m-3.66m GREY SAND AND SEA SHELLS<br>3.66m-4.57m BLACK CLAY<br>4.57m-5.18m GREY SAND AND SEA SHELLS | 0.00m-4.57m INNER LINING - CASING = Pvc<br>4.57m-5.18m INNER LINING - SCREEN = Pvc  |                     | 4.57m-5.18m Sand      | 1983-12-12     | 1749     | West       |
| 76486     | Domestic                  | 0.00m-5.00m PROBABLY SAND  | 0.00m-5.00m INNER LINING - CASING = Pvc   |                     |                       | 1983-12-31     | 1881     | South      |
| 76494     | Domestic                  | 0.00m-0.60m BLACK SANDY TOP SOIL<br>0.60m-1.00m BROWN CLAY SAND - FINE<br>1.00m-2.13m YELLOW CALCAREOUS SHELLY SAND- COARSE<br>2.13m-3.00m AS ABOVE TENDING GREY TO BLACK AND FINE GRAINED<br>3.00m-4.50m LIGNEOUS BLACK CLAY  | -0.10m-2.10m INNER LINING - CASING = Pvc Class 12<br>2.10m-2.74m INNER LINING - SCREEN = Pvc Class 12<br>1.50m-3.00m OUTER LINING - GRAVEL = Gravel   |                     | 2.10m-2.74m Marl      | 1987-01-09     | 1899     | South West |

Boreholes WMIS Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



## Groundwater Boreholes

### OSAR Proposed Road Alignments - Site 26 (Section 8)

#### Boreholes (Earth Resources Database)

Boreholes from the Earth Resources dataset, within the report buffer:

| Bore Id | Bore Type | Company  | Usage                         | Method                        | Status | Drill Date | Depth | Elevation | Accuracy (m) | Dist (m) | Direct     |
|---------|-----------|--|-------------------------------|-------------------------------|--------|------------|-------|-----------|--------------|----------|------------|
| 76479   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 11/01/1986 | 24.38 |           | 100          | 151      | South East |
| 76480   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 09/01/1986 | 24.38 |           | 100          | 184      | South East |
| 76480   |           | Private Individual/Corporation                     | Irrigation                    | Air Percussion/Air Rotary     |        | 09/01/1986 | 24.38 |           | 100          | 184      | South East |
| 76456   |           | Private Individual/Corporation                     | Domestic & Stock water supply | Air Percussion/Air Rotary     |        | 23/11/1983 | 22.25 |           | 100          | 427      | South East |
| 315420  |           | Department of Manufacturing & Industry Development |                               |                               |        | 31/12/1928 | 67.06 | 20.00     | 100          | 447      | West       |
| 76306   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 13/01/1986 | 60.96 |           | 100          | 566      | South East |
| 76462   |           | Private Individual/Corporation                     | Stock/Poultry water supply    | Air Percussion/Air Rotary     |        | 27/12/1982 | 21.34 |           | 100          | 762      | East       |
| 76473   |           | Private Individual/Corporation                     | Domestic water supply         | Hand Auger                    |        | 07/08/1983 | 6.10  |           | 100          | 1707     | South      |
| 76414   |           | Private Individual/Corporation                     | Domestic water supply         | Hand Auger                    |        | 24/02/1983 | 4.57  |           | 100          | 1726     | West       |
| 76425   |           | Private Individual/Corporation                     | Domestic water supply         | Spear point (multiple system) |        | 12/12/1983 | 5.18  |           | 100          | 1750     | West       |

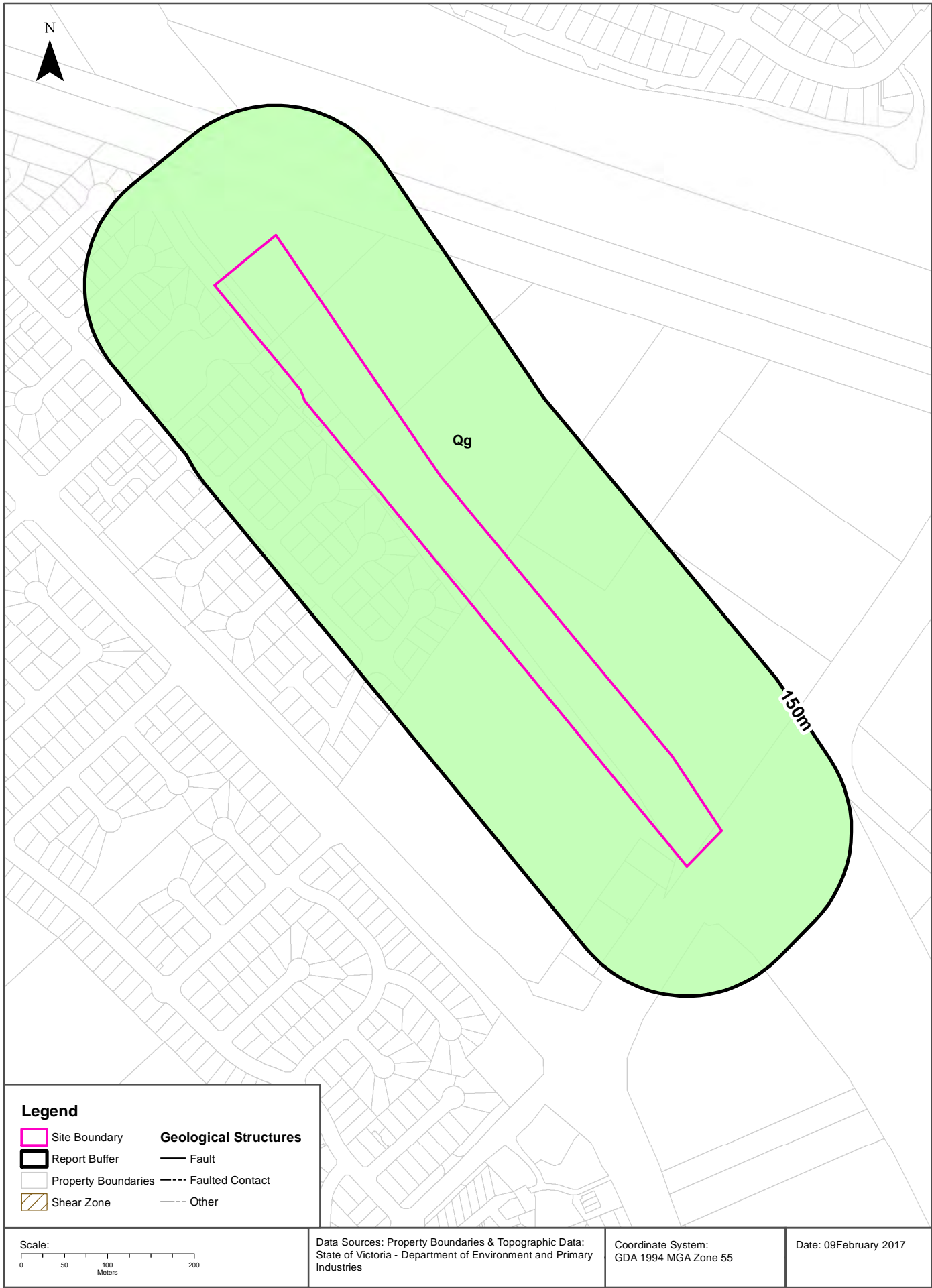
Boreholes Earth Resources Data Source: © The State of Victoria, Department of Economic Development, Jobs, Transport and Resources 2015. Creative Commons Attribution 3.0 Australia

#### Boreholes (Federation University)

Boreholes from the Federation University Australia dataset, within the report buffer:

| Bore Id | Authority                | Type | Uses | Initial TD | Log | Dist (m) | Direct |
|---------|--------------------------|------|------|------------|-----|----------|--------|
| N/A     | No records within buffer |      |      |            |     |          |        |

Boreholes FedUni Data Source: © Federation University Australia



## Geology

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## Geological Units

What are the Geological Units onsite?

| Symbol | Name                                  | Description   | Geological Age       | Lithology   | Dataset   |
|--------|---------------------------------------|---|----------------------|---|-----------|
| Qg     | coastal lagoon deposits (Qg): generic | Silt, clay: dark grey to black; variably consolidated | Holocene to Holocene | silt material (significant); clay lithology (significant) | 1:250,000 |

What are the Geological Units within the report buffer?

| Symbol | Name                                  | Description   | Geological Age       | Lithology   | Dataset   |
|--------|---------------------------------------|---|----------------------|---|-----------|
| Qg     | coastal lagoon deposits (Qg): generic | Silt, clay: dark grey to black; variably consolidated | Holocene to Holocene | silt material (significant); clay lithology (significant) | 1:250,000 |

Geology Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Geology

### OSAR Proposed Road Alignments - Site 26 (Section 8)

#### Geological Structures

What are the Geological Faults or Faulted Contacts onsite?

| Map Id      | Type | Name | Contact | Positional Accuracy | Dataset   |
|-------------|------|------|---------|---------------------|-----------|
| No features |      |      |         |                     | 1:250,000 |

What are the Dykes, Marker Beds and Veins onsite?

| Map Id           | Type | Name | Description | Positional Accuracy | Dataset |
|------------------|------|------|-------------|---------------------|---------|
| No Data Coverage |      |      |             |                     |         |

What are the Shear Zones onsite (1:250,000 scale)?

| Map Id      | Type | Name | Description | Positional Accuracy | Dataset   |
|-------------|------|------|-------------|---------------------|-----------|
| No features |      |      |             |                     | 1:250,000 |

What are the Geological Faults or Faulted Contacts within the report buffer?

| Map Id      | Type | Name | Contact | Positional Accuracy | Dataset   |
|-------------|------|------|---------|---------------------|-----------|
| No features |      |      |         |                     | 1:250,000 |

What are the Dykes, Marker Beds and Veins within the report buffer?

| Map Id           | Type | Name | Description | Positional Accuracy | Dataset |
|------------------|------|------|-------------|---------------------|---------|
| No Data Coverage |      |      |             |                     |         |

What are the Shear Zones within the report buffer (1:250,000 scale)?

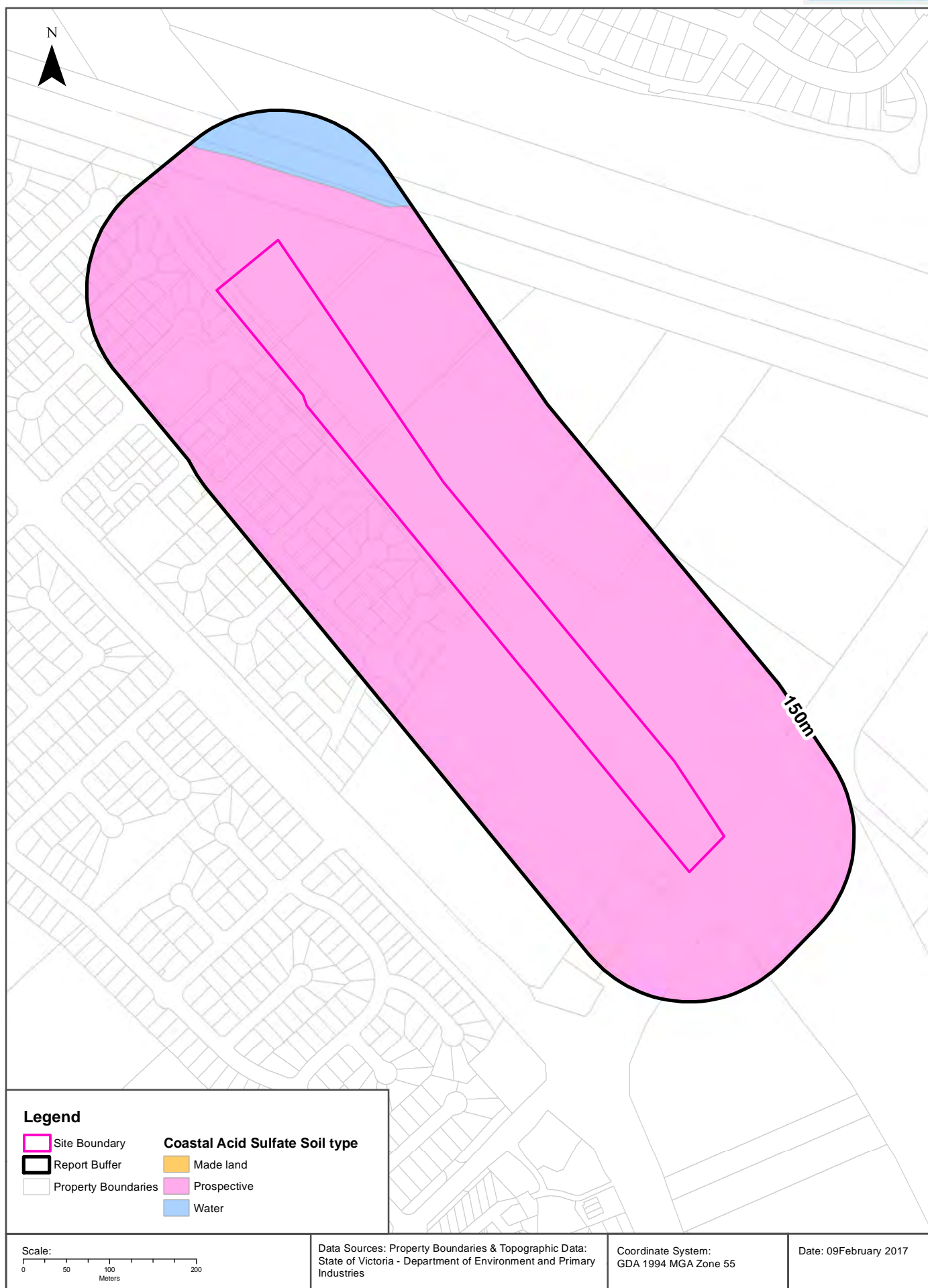
| Map Id      | Type | Name | Description | Positional Accuracy | Dataset   |
|-------------|------|------|-------------|---------------------|-----------|
| No features |      |      |             |                     | 1:250,000 |

Geology Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



# Coastal Acid Sulfate Soils

OSAR Proposed Road Alignments - Site 26 (Section 8)



## Coastal Acid Sulfate Soils

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## Coastal Acid Sulfate Soils

What are the on-site Coastal Acid Sulfate Soil types?

| Coastal Acid Sulfate Soil Types |
|---------------------------------|
| Prospective                     |

What are the Coastal Acid Sulfate Soil types within the report buffer?

| Coastal Acid Sulfate Soil Types | Distance | Direction |
|---------------------------------|----------|-----------|
| Prospective                     | 0m       | Onsite    |
| Water                           | 77m      | North     |

Coastal Acid Sulfate Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Planning Zones

## OSAR Proposed Road Alignments - Site 26 (Section 8)



## Planning Zones

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## Planning Zones

Planning zones within the report buffer:

| Zone Code | Description                           | Distance | Direction  |
|-----------|---------------------------------------|----------|------------|
| GWZ1      | GREEN WEDGE ZONE - SCHEDULE 1         | 0m       | Onsite     |
| GRZ3      | GENERAL RESIDENTIAL ZONE - SCHEDULE 3 | 0m       | Onsite     |
| RDZ1      | ROAD ZONE - CATEGORY 1                | 0m       | North West |
| PUZ1      | PUBLIC USE ZONE - SERVICE AND UTILITY | 40m      | North      |
| RDZ1      | ROAD ZONE - CATEGORY 1                | 43m      | North East |
| C2Z       | COMMERCIAL 2 ZONE                     | 68m      | South East |
| PUZ7      | PUBLIC USE ZONE - OTHER PUBLIC USE    | 112m     | North      |
| UFZ       | URBAN FLOODWAY ZONE                   | 128m     | North West |
| GWZ       | GREEN WEDGE ZONE                      | 147m     | South East |

Planning Zone Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



# Planning Overlays

## OSAR Proposed Road Alignments - Site 26 (Section 8)



## Planning Overlays

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## Planning Overlays

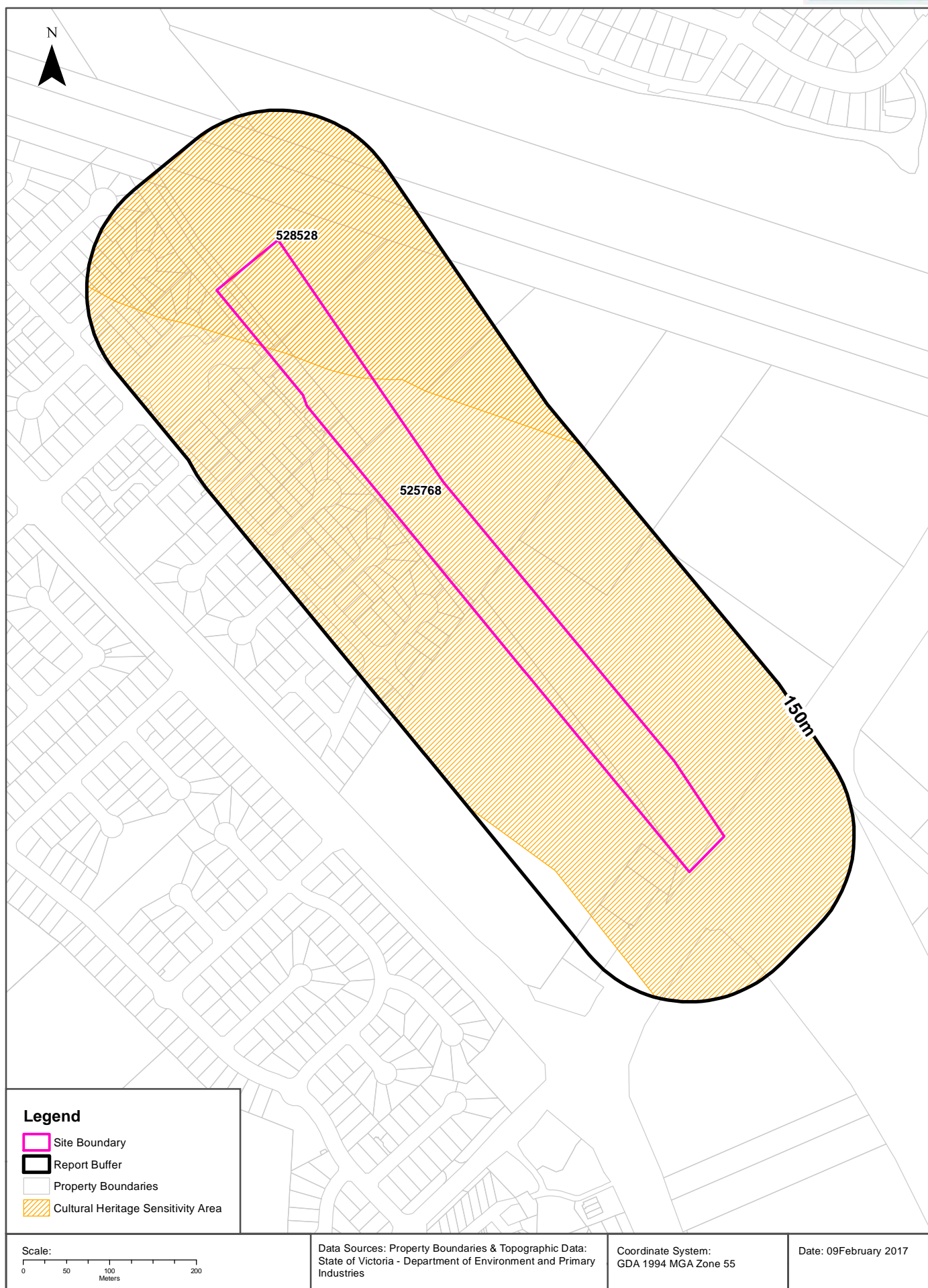
Planning overlays within the report buffer:

| Zone Code | Description                                 | Distance | Direction |
|-----------|---|----------|-----------|
| LSIO      | LAND SUBJECT TO INUNDATION OVERLAY          | 0m       | Onsite    |
| PAO1      | PUBLIC ACQUISITION OVERLAY 1                | 0m       | Onsite    |
| IPO3      | INCORPORATED PLAN OVERLAY - SCHEDULE 3      | 0m       | Onsite    |
| DDO6      | DESIGN AND DEVELOPMENT OVERLAY - SCHEDULE 6 | 112m     | North     |
| IPO2      | INCORPORATED PLAN OVERLAY - SCHEDULE 2      | 112m     | North     |

Planning Overlay Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Cultural Heritage Sensitivity

## OSAR Proposed Road Alignments - Site 26 (Section 8)



## Cultural Heritage Sensitivity

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## Cultural Heritage Sensitivity

Areas of Cultural Heritage Sensitivity as specified in Division 3 of Part 2 in the Aboriginal Heritage Regulations 2007, within the report buffer:

| Map Id | Culturally Sensitive | Distance | Direction |
|--------|----------------------|----------|-----------|
| 525768 | YES                  | 0m       | Onsite    |
| 528528 | YES                  | 0m       | Onsite    |

Cultural Heritage Sensitivity Data Custodian: State Government Victoria - Dept of Planning and Community Development  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



## Natural Hazards

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## Bushfire Prone Areas

What are the designated bushfire prone areas within the report buffer?

| Map ID | Feature                  | Plan No | LGA | Gazetted Date | Distance | Direction |
|--------|--------------------------|---------|-----|---------------|----------|-----------|
| N/A    | No records within buffer |         |     |               |          |           |

Bushfire Prone Area Data Custodian: State Government Victoria - Dept of Transport, Planning & Local Infrastructure  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Fire History

What are the fire history records of fires primarily on public land, within the report buffer?

| Map Id | Fire Type                | Fire Key | Season | Fire No | Fire Name | Treatment | Fire Cover | Start Date | Dist (m) | Direction |
|--------|--------------------------|----------|--------|---------|-----------|-----------|------------|------------|----------|-----------|
| N/A    | No records within buffer |          |        |         |           |           |            |            |          |           |

Fire History Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Flood - 1 in 100 year modelled flood extent

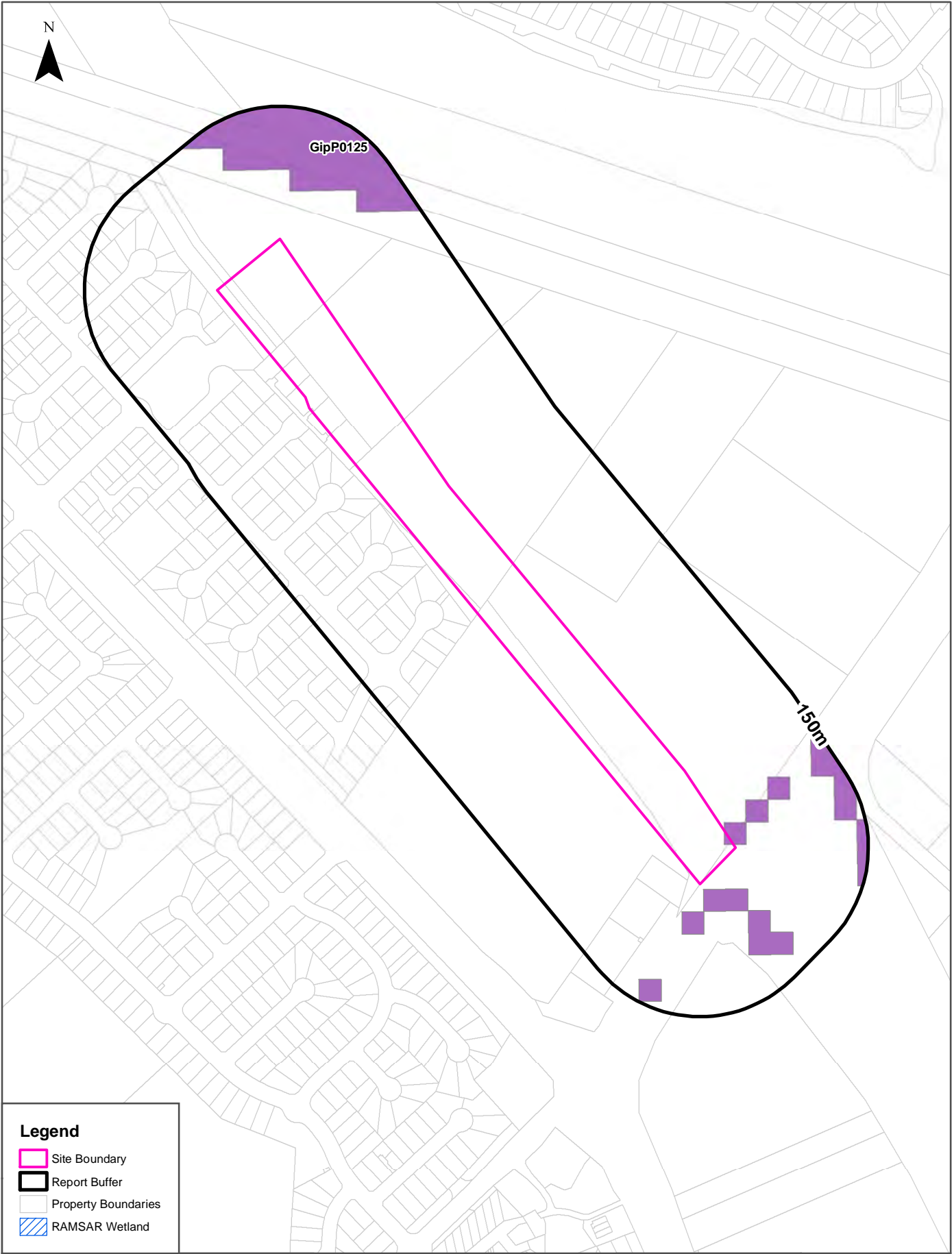
What 1 in 100 year flood extent features exist within the report buffer?

| Feature | Source                   | Method | Scale | Modified Date | Distance | Direction |
|---------|--------------------------|--------|-------|---------------|----------|-----------|
| N/A     | No records within buffer |        |       |               |          |           |

Flood Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Ecological Constraints - Native Vegetation 2005 & RAMSAR Wetlands

OSAR Proposed Road Alignments - Site 26 (Section 8)



**Legend**

- Site Boundary
- Report Buffer
- Property Boundaries
- RAMSAR Wetland

|                                  |   |  |                       |
|----------------------------------|---|--|-----------------------|
| Scale:<br>0 50 100 200<br>Meters | Data Sources: Property Boundaries & Topographic Data:<br>State of Victoria - Department of Environment and Primary Industries | Coordinate System:<br>GDA 1994 MGA Zone 55 | Date: 09February 2017 |
|----------------------------------|---|--|-----------------------|

## Ecological Constraints

### OSAR Proposed Road Alignments - Site 26 (Section 8)

## Native Vegetation (Modelled 2005 Ecological Vegetation Classes)

What native vegetation exists within the report buffer?

| Veg Code | EVC Name              | EVCCode | Group    | Subgroup   | Bioregion       | Conservation Status | Geographic Occurance | Distance |
|----------|-----------------------|---------|----------|------------|-----------------|---------------------|----------------------|----------|
| GipP0125 | Plains Grassy Wetland | 0125    | Wetlands | Freshwater | Gippsland Plain | Endangered          | Naturally Restricted | 0m       |

Native Vegetation Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## RAMSAR Wetlands

What RAMSAR wetland areas exist within the report buffer?

| Map ID | Site Name                | Lake Name | Distance | Direction |
|--------|--------------------------|-----------|----------|-----------|
| N/A    | No records within buffer |           |          |           |

RAMSAR Wetland Area Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

#### USE OF REPORT – APPLICABLE TERMS

The following terms apply to any person (End User) who is given the Report by the person who purchased the Report from Lotsearch Pty Ltd (ABN: 89 600 168 018) (Lotsearch) or who otherwise has access to the Report. The contract terms that apply between Lotsearch and the purchaser of the Report are specified in the order form pursuant to which the Report was ordered and the terms set out below are of no effect as between Lotsearch and the purchaser of the Report.

1. End User acknowledges and agrees that:
  - (a) the Report is compiled from or using content (**Third Party Content**) which is comprised of:
    - (i) content provided to Lotsearch by third party content suppliers with whom Lotsearch has contractual arrangements or content which is freely available (**Third Party Content Suppliers**);
    - (j) content which is derived from content described in paragraph (i);
  - (b) Lotsearch does not take any responsibility for or give any warranty in relation to the accuracy or completeness of any Third Party Content included in the Report;
  - (c) the Third Party Content Suppliers do not constitute an exhaustive set of all repositories or sources of information available in relation to the property which is the subject of the Report (**Property**);
  - (d) Lotsearch has not undertaken any physical inspection of the property;
  - (e) Lotsearch does not warrant that all land uses or features whether past or current are identified in the Report;
  - (f) the Report does not include any information relating to the actual state or condition of the Property;
  - (g) the Report should not be used or taken to indicate or exclude actual fitness or unfitness of a Property for any particular purpose;
  - (h) the Report should not be relied upon for determining saleability or value or making any other decisions in relation to the Property and in particular should not be taken to be a rating or assessment of the desirability or market value of the property or its features; and
  - (i) the End User should undertake its own inspection s of the Property to satisfy itself that there are no defects or failures.
2. The End User may not make the Report or any copies or extracts of the report or any part of it available to any other person. If End User wishes to provide the Report to any other person or make extracts or copies of the Report, it must contact the purchaser of the Report before doing so to ensure the proposed use is consistent with the contract terms between Lotsearch and the purchaser.
3. Neither Lotsearch (nor any of its officers, employees or agents) nor any of its Third Party Content Suppliers will have any liability to End User or any person to whom End User provides the Report and End User must not represent that Lotsearch or any of its Third Party Content Suppliers accepts liability to any such person or make any other representation to any such person on behalf of Lotsearch or any Third Party Content Supplier.
4. End User must not remove any copyright notices, trade marks, digital rights management information, other embedded information, disclaimers or limitations from the Report or authorise any person to do so.
5. End User acknowledges and agrees that Lotsearch and Third Party Content Suppliers retain ownership of all copyright, patent, design right (registered or unregistered), trade marks (registered or unregistered), database right or other data right, moral right or know how or any other intellectual property right in any Report or any other item, information or data included in or provided as part of a Report.
6. To the extent permitted by law and subject to paragraph 7, all implied terms, representations and warranties whether statutory or otherwise relating to the subject matter of these terms other than as expressly set out in these terms are excluded.
7. Subject to paragraph 8, Lotsearch excludes liability to End User for loss or damage of any kind, however caused, due to Lotsearch's negligence, breach of contract, breach of any law, in equity, under indemnities or otherwise, arising out of all acts, omissions and events whenever occurring.
8. Lotsearch acknowledges that if, under applicable State, Territory or Commonwealth law, End User is a consumer certain rights may be conferred on End User which cannot be excluded, restricted or modified. If so, and if that law applies to Lotsearch, then, Lotsearch's liability is limited to the greater of an amount equal to the cost of resupplying the Report and the maximum extent permitted under applicable laws.
9. Subject to paragraph 7, neither Lotsearch nor the End User is liable to the other for any indirect, incidental, consequential, special or exemplary damages arising out of or in relation to these terms.
10. These terms are subject to New South Wales law.



# Lotsearch



## **Environmental Risk and Planning Report**

**OSAR Proposed Road Alignments - Site 26 (Section 9)**

**Report Buffer: 150m**

**Report Date: 09 Feb 2017 14:42:59**

**Disclaimer:**

The purpose of this report is to provide an overview of some of the site history, environmental risk and planning information available, affecting an individual address or geographical area in which the property is located. It is not a substitute for an on-site inspection or review of other available reports and records. It is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features.

You should obtain independent advice before you make any decision based on the information within the report.

The detailed terms applicable to use of this report are set out at the end of this report.

## Table of Contents

|                                       |    |
|---------------------------------------|----|
| Location Confidences.....             | 2  |
| Dataset Listings .....                | 3  |
| Site Location Aerial .....            | 5  |
| Topographic Features.....             | 6  |
| Elevation Contours.....               | 7  |
| EPA Records.....                      | 8  |
| Waste Management Facilities .....     | 11 |
| Historical Business Activities.....   | 12 |
| Historical Aerial Imagery & Maps..... | 14 |
| Features of Interest .....            | 21 |
| Hydrogeology & Groundwater.....       | 23 |
| Groundwater Boreholes .....           | 24 |
| Geology.....                          | 29 |
| Coastal Acid Sulfate Soils .....      | 32 |
| Planning Zones .....                  | 34 |
| Planning Overlays .....               | 36 |
| Cultural Heritage Sensitivity .....   | 38 |
| Natural Hazards .....                 | 40 |
| Ecological Constraints.....           | 42 |
| Terms & Conditions.....               | 44 |

## Location Confidences

Where Lotsearch has had to georeference features from supplied addresses, a location confidence has been assigned to the data record. This indicates a confidence to the positional accuracy of the feature. Where applicable, a code is given under the field heading "LocConf". These codes lookup to the following location confidences:

| LC Code | Location Confidence   |
|---------|---|
| 1       | Georeferenced to the site location / premise or part of site      |
| 2       | Georeferenced with the confidence of the general/approximate area |
| 3       | Georeferenced to the road or rail                                 |
| 4       | Georeferenced to the road intersection                            |
| 5       | Feature is a buffered point                                       |
| 6       | Land adjacent to Georeferenced Site                               |
| 7       | Georeferenced to a network of features                            |

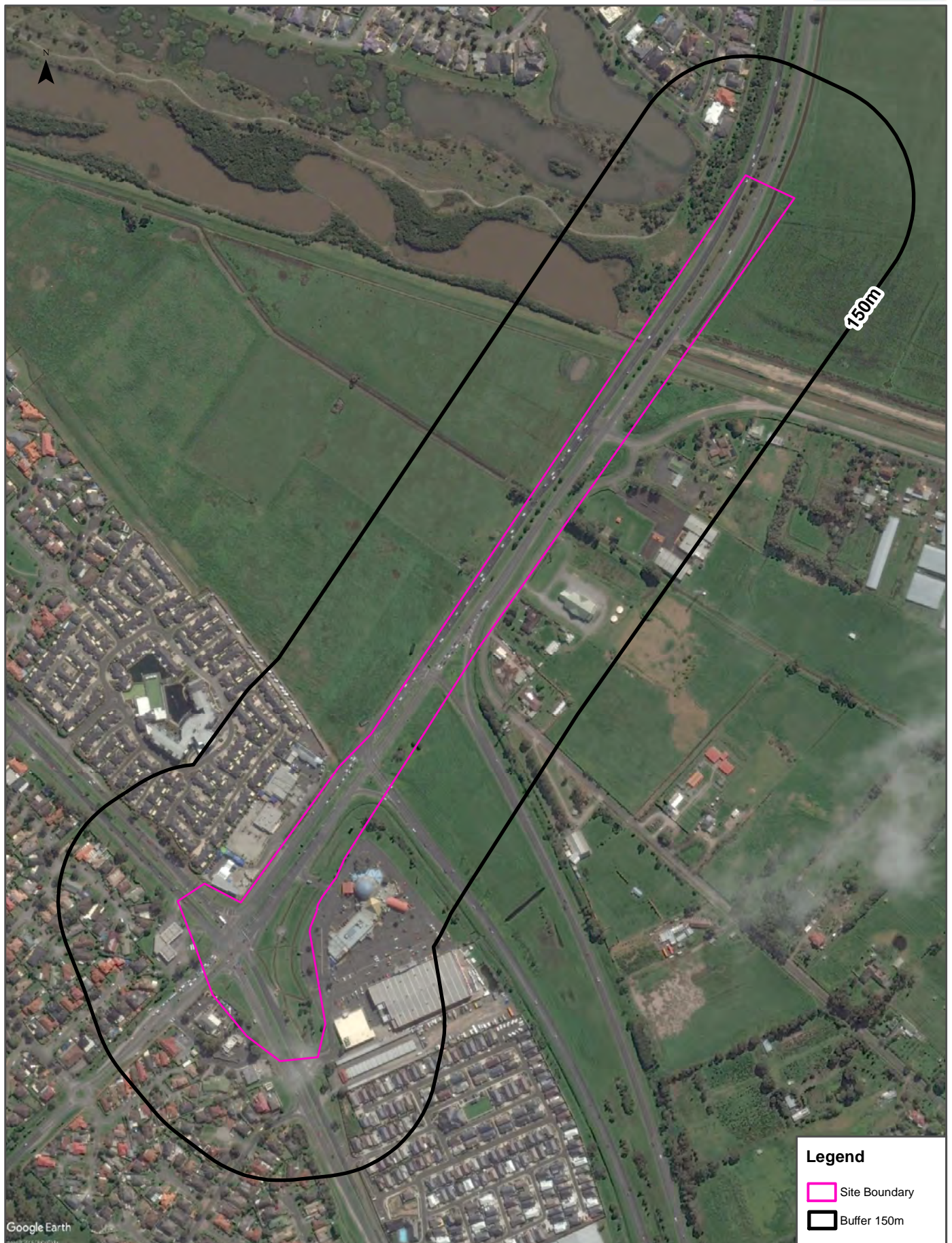
## Dataset Listing

Datasets contained within this report, detailing their source and data currency:

| Dataset Name  | Custodian   | Supply Date | Currency Date | Update Frequency | No. Features Onsite | No. Features within 100m | No. Features in Buffer |
|---|---|-------------|---------------|------------------|---------------------|--------------------------|------------------------|
| Topographic and Cadastre data   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 06/02/2017  | 06/02/2017    | Quarterly        | -                   | -                        | -                      |
| Current Priority Sites  | Environment Protection Authority (Vic)  | 06/02/2017  | 31/12/2016    | Monthly          | 0                   | 0                        | 0                      |
| Former Priority Sites & other Pollution Notices                           | Environment Protection Authority (Vic)  | 06/02/2017  | 05/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| EPA Environmental Audit Reports   | Environment Protection Authority (Vic)  | 06/02/2017  | 24/11/2016    | Monthly          | 0                   | 0                        | 0                      |
| Groundwater Zones with Restricted Uses                                    | Environment Protection Authority (Vic)  | 06/02/2017  | 27/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Licensed Activities   | Environment Protection Authority (Vic)  | 06/02/2017  | 29/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Former Licensed Activities  | Environment Protection Authority (Vic)  | 06/02/2017  | 29/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Works Approvals   | Environment Protection Authority (Vic)  | 06/02/2017  | 06/02/2017    | Monthly          | 0                   | 0                        | 0                      |
| National Waste Management Site Database                                   | Geoscience Australia  | 06/02/2017  | 15/11/2012    | Quarterly        | 0                   | 0                        | 0                      |
| Statewide Waste and Resource Recovery Infrastructure Plan Facilities      | State Government Victoria - Department of Sustainability                                      | 27/11/2014  | 31/12/2012    | None planned     | 0                   | 0                        | 0                      |
| EPA Prescribed Industrial Waste   | Environment Protection Authority (Vic)  | 04/01/2017  | 04/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| UBD Business to Business Directory 1991                                   | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business to Business Directory 1991 - Garages & Service Stations      | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business Directory 1980   | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business Directory 1980 Drycleaners, Motor Garages & Service Stations | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| Features of Interest  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 03/02/2017  | 27/01/2017    | Quarterly        | 3                   | 11                       | 12                     |
| Hydrogeology Map of Australia   | Commonwealth of Australia (Geoscience Australia)  | 08/10/2014  | 17/03/2000    | As required      | 1                   | 1                        | 1                      |
| Groundwater Salinity  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 29/08/2012    | Unknown          | 2                   | -                        | -                      |
| Depth to Watertable   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 29/08/2012    | Unknown          | 1                   | -                        | -                      |
| Surface Elevation   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 23/09/2013    | Unknown          | 1                   | -                        | -                      |
| Basement Elevation  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 23/09/2013    | Unknown          | 1                   | -                        | -                      |
| Groundwater Boreholes WMIS  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 29/04/2016  | 28/04/2016    | Annually         | 1                   | 2                        | 46                     |
| Groundwater Boreholes Earth Resources Database                            | The State of Victoria, Department of Economic Development, Jobs, Transport and Resources      | 29/04/2016  | 17/02/2010    | As required      | 0                   | 1                        | 14                     |
| Groundwater Boreholes Fed Uni   | Federation University Australia   | 29/04/2016  | 07/01/2014    | As required      | 0                   | 0                        | 0                      |
| Geological Units 1:250,000  | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 1                   | -                        | 1                      |
| Geological Structures 1:250,000   | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 0                   | -                        | 0                      |
| Shear zones 250k  | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 0                   | -                        | 0                      |
| Coastal Acid Sulfate Soils  | The State of Victoria, Department of Economic Development, Jobs, Transport and Resources      | 15/07/2016  | 30/03/2011    | None planned     | 1                   | 2                        | 2                      |
| Planning Scheme Zones   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 27/01/2017  | 27/01/2017    | Quarterly        | 3                   | 10                       | 10                     |

| Dataset Name  | Custodian  | Supply Date | Currency Date | Update Frequency | No. Features Onsite | No. Features within 100m | No. Features in Buffer |
|---|--|-------------|---------------|------------------|---------------------|--------------------------|------------------------|
| Planning Scheme Overlay   | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 3                   | 7                        | 7                      |
| Cultural Heritage Sensitivity                                   | State Government Victoria - Department of Planning and Community Development           | 03/02/2017  | 27/01/2017    | Quarterly        | 2                   | 3                        | 3                      |
| Bushfire Prone Area   | State Government Victoria - Department of Transport, Planning and Local Infrastructure | 27/01/2017  | 27/01/2017    | Quarterly        | 1                   | 1                        | 1                      |
| Fire History  | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| Flood - 1 in 100 Year Modelled Flood Extent                     | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| Native Vegetation (Modelled 2005 Ecological Vegetation Classes) | State Government Victoria - Department of Environment, Land, Water & Planning          | 13/01/2015  | 31/12/2005    | None planned     | 1                   | 1                        | 1                      |
| RAMSAR Wetlands   | State Government Victoria - Department of Environment, Land, Water & Planning          | 13/01/2015  | 24/06/2013    | None planned     | 0                   | 0                        | 0                      |





Google Earth

Scale:  
0 75 150 300  
Meters

Data Sources: Aerial Imagery © 2016 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.

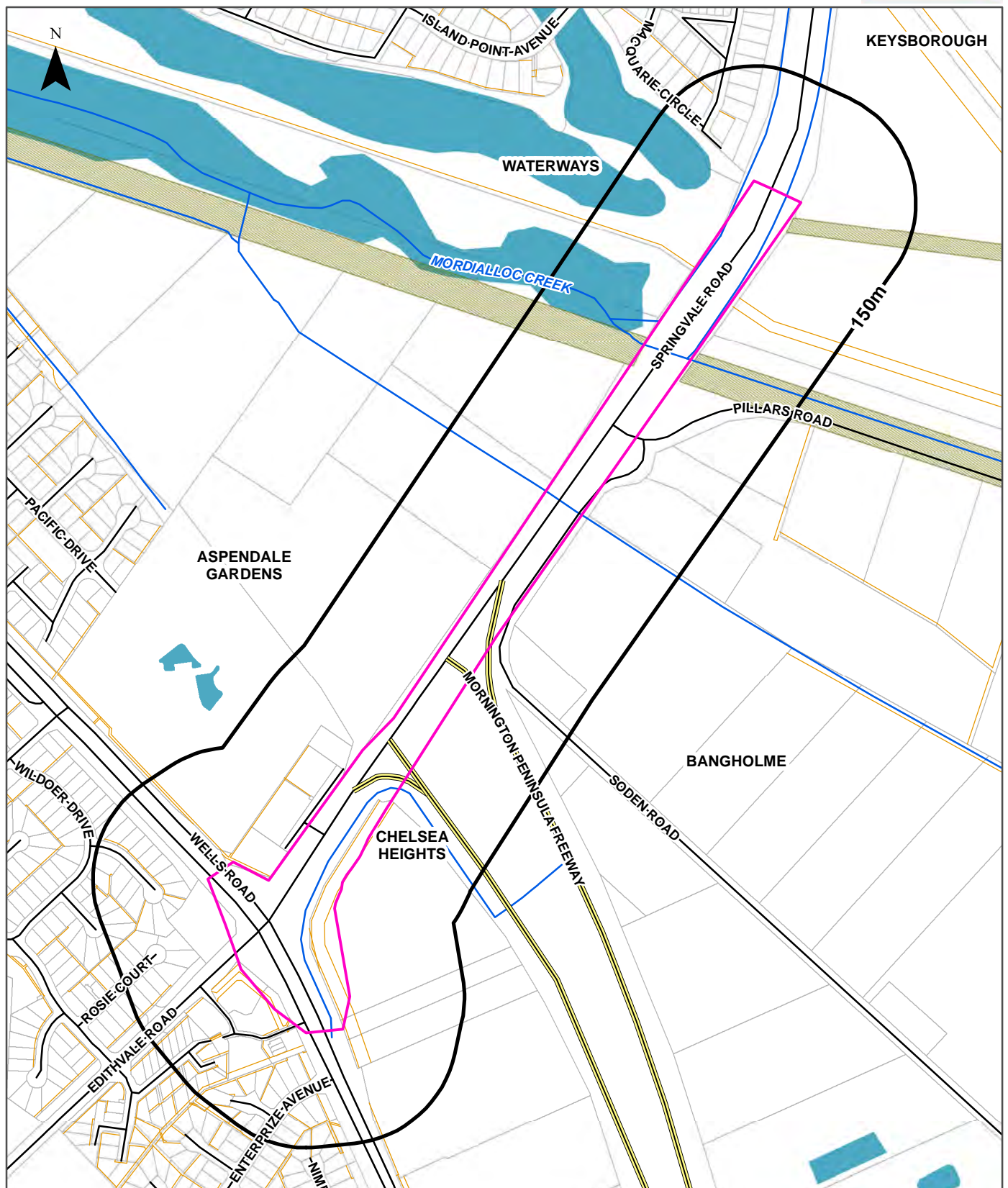
Coordinate System:  
GDA 1994 MGA Zone 55

Date: 09February, 2017



# Topographic Data

## OSAR Proposed Road Alignments - Site 26 (Section 9)



### Legend

|                     |                            |               |                           |             |
|---------------------|----------------------------|---------------|---------------------------|-------------|
| Site Boundary       | Water Area                 | Major Road    | Railway                   | Watercourse |
| Report Buffer       | Crown or Commonwealth Land | Road          | Light Rail                | Easement    |
| Property Boundaries | Statewide Forest           | Track/Pathway | Rail - Underground/Tunnel |             |

Scale:  
0 50 100 200  
Meters

Data Sources: Property Boundaries & Topographic Data:  
State of Victoria - Department of Environment and Primary  
Industries

Coordinate System:  
GDA 1994 MGA Zone 55

Date: 09 February 2017

# Elevation Contours (m AHD)

## OSAR Proposed Road Alignments - Site 26 (Section 9)



## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Current EPA Priority Sites Register

What sites on the current EPA priority sites register exist within the report buffer?

| Notice No | Address              | Suburb | Issue | Loc Conf | Dist (m) | Direction |
|-----------|----------------------|--------|-------|----------|----------|-----------|
| N/A       | No records in buffer |        |       |          |          |           |

Priority Sites Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Former EPA Priority Sites & Other Pollution Notices

What sites within the report buffer have been issued a Pollution Notice?

**Note. Due to pollution notices being revoked and removed from published lists this is not an exhaustive list of all past pollution notices.**

| Notice No | Notice Type          | Company | Address | Suburb | Status | Issue | Date Issued | Loc Conf | Dist | Dir |
|-----------|----------------------|---------|---------|--------|--------|-------|-------------|----------|------|-----|
| N/A       | No records in buffer |         |         |        |        |       |             |          |      |     |

Pollution Notice Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)



## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## EPA Environmental Audits

What EPA environmental audit records exist within the report buffer?

Note. Please click on CARMS No. to activate a hyperlink to online documentation. If link does not work, documentation may still be accessible via the EPA Interaction Portal.

| CARMS No | Transaction No       | Site | Address | Suburb | Date Complete | Loc Conf | Distance | Direction |
|----------|----------------------|------|---------|--------|---------------|----------|----------|-----------|
| N/A      | No records in buffer |      |         |        |               |          |          |           |

Environmental Audit Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Groundwater Zones with Restricted Uses

What EPA GQRUZ exist within the report buffer?

Note. Please click on CARMS No. to activate a hyperlink to online documentation.

| CARMS No | EPA Id               | Site History | Site Address | Restricted Uses | Loc Conf | Distance | Direction |
|----------|----------------------|--------------|--------------|-----------------|----------|----------|-----------|
| N/A      | No records in buffer |              |              |                 |          |          |           |

Environmental GQRUZ Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## EPA Licensed Activities

What EPA licensed activities exist within the report buffer?

| Trans No | Licence No           | Licence Type | Organisation | Premise Ref | Premise Address 1 | Premise Address 2 | Activities | Loc Conf | Dist (m) | Direction |
|----------|----------------------|--------------|--------------|-------------|-------------------|-------------------|------------|----------|----------|-----------|
| N/A      | No records in buffer |              |              |             |                   |                   |            |          |          |           |

Licensed Activity Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Former EPA Licensed Activities

What former EPA licensed activities exist within the report buffer?

| Licence No | Organisation         | Premise Address | Suburb | Activities | Loc Conf | Dist (m) | Direction |
|------------|----------------------|-----------------|--------|------------|----------|----------|-----------|
| N/A        | No records in buffer |                 |        |            |          |          |           |

Former Licensed Activity Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Works Approvals

What EPA works approvals exist within the report buffer?

| Transaction No | Status               | Approval No | Organisation | Premise Address | Suburb | Scheduled Categories | Loc Conf | Dist (m) | Direction |
|----------------|----------------------|-------------|--------------|-----------------|--------|----------------------|----------|----------|-----------|
| N/A            | No records in buffer |             |              |                 |        |                      |          |          |           |

Works Approvals Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Waste Management Facilities

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## National Waste Management Site Database

Sites on the National Waste Management Site Database within the report buffer:

| Site Id | Owner                | Name | Address | Suburb | Postcode | Landfill | Reprocess | Transfer | Loc Conf | Dist (m) | Direction |
|---------|----------------------|------|---------|--------|----------|----------|-----------|----------|----------|----------|-----------|
| N/A     | No records in buffer |      |         |        |          |          |           |          |          |          |           |

Waste Management Facilities Data Source: Australian Government Geoscience Australia  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Statewide Waste and Resource Recovery Infrastructure Plan Facilities

Statewide Waste and Resource Recovery Infrastructure Plan Facilities within the report buffer:

| Map Id | Owner                | Site Name | Address | Suburb | Category | Sub Category | Loc Conf | Distance | Direction |
|--------|----------------------|-----------|---------|--------|----------|--------------|----------|----------|-----------|
| N/A    | No records in buffer |           |         |        |          |              |          |          |           |

SWRRIPF Data Source: State Government Victoria - Department of Sustainability

## EPA Prescribed Industrial Waste

EPA Prescribed industrial waste sites within the report buffer:

| Map Id | Company Name         | Address | Suburb | Treatment /Disposal | Transport | Accredited Agent | EPA List Status | Loc Conf | Dist (m) | Direct |
|--------|----------------------|---------|--------|---------------------|-----------|------------------|-----------------|----------|----------|--------|
| N/A    | No records in buffer |         |        |                     |           |                  |                 |          |          |        |

Prescribed Industrial Waste Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Historical Business Directories

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## 1991 Business to Business Directory Records

1991 UBD Business Directory Records within 150m of the site:

| Activity | Organisation         | Address | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

## 1991 Business to Business Directory Garages & Service Stations

1991 UBD Business Directory Garages & Service Stations within 1km of the site:

| Activity | Organisation         | Address | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant



## Historical Business Directories

### OSAR Proposed Road Alignments - Site 26 (Section 9)

#### 1980 Business Directory Records

1980 UBD Business Directory Records within 150m of the site:

| Activity | Premise              | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

#### 1980 Business Directory Drycleaners, Garages & Service Stations

Drycleaners, Garages & Service Stations from the 1980 UBD Business Directory within 1km of the site:

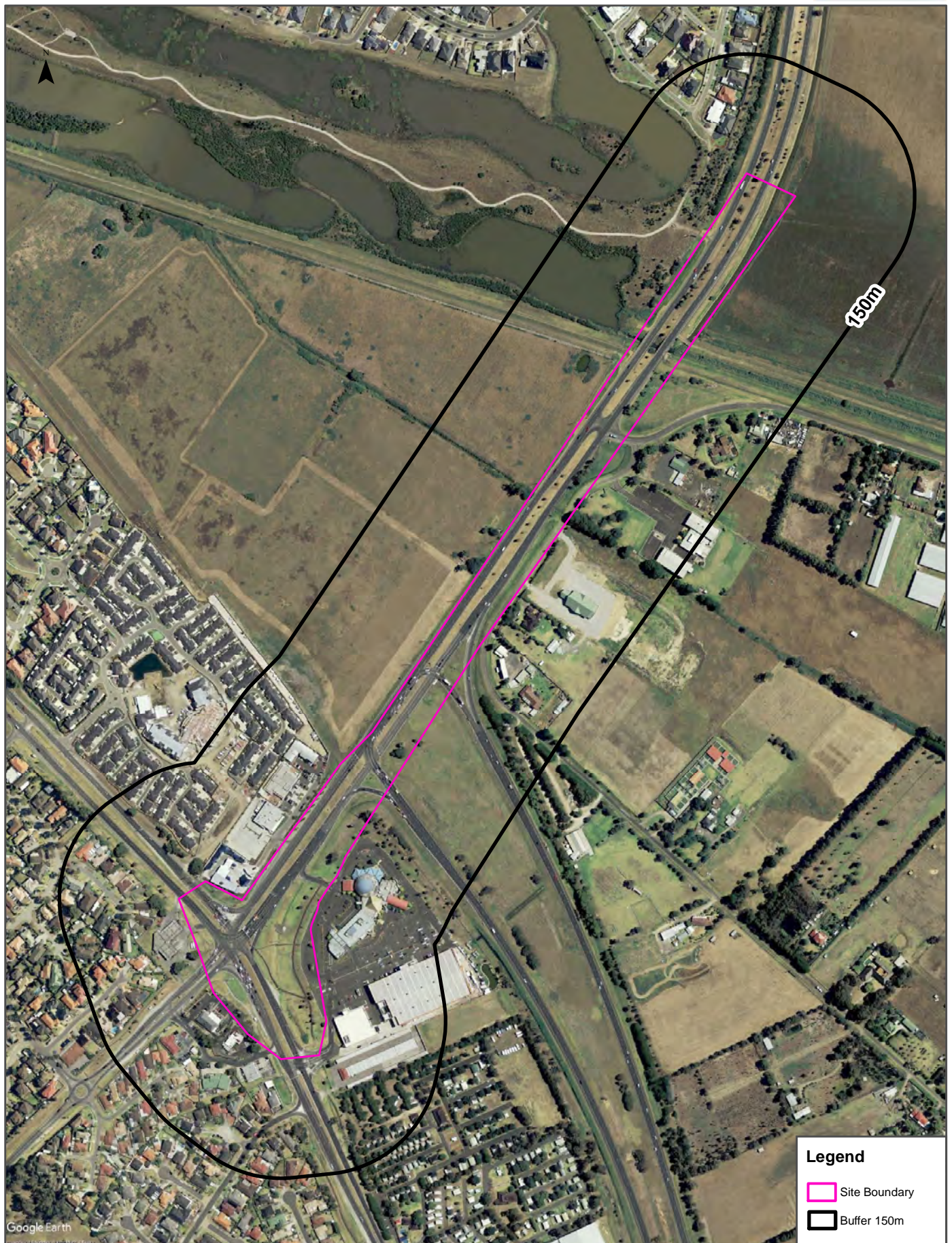
| Activity | Premise              | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant



# Aerial Imagery 2009

## OSAR Proposed Road Alignments - Site 26 (Section 9)



|               |  |  |                               |
|---------------|--|--|-------------------------------|
| <p>Scale:</p> | <p>Data Sources: Aerial Imagery © 2016 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.</p> | <p>Coordinate System:<br/>GDA 1994 MGA Zone 55</p> | <p>Date: 09February, 2017</p> |
|---------------|--|--|-------------------------------|



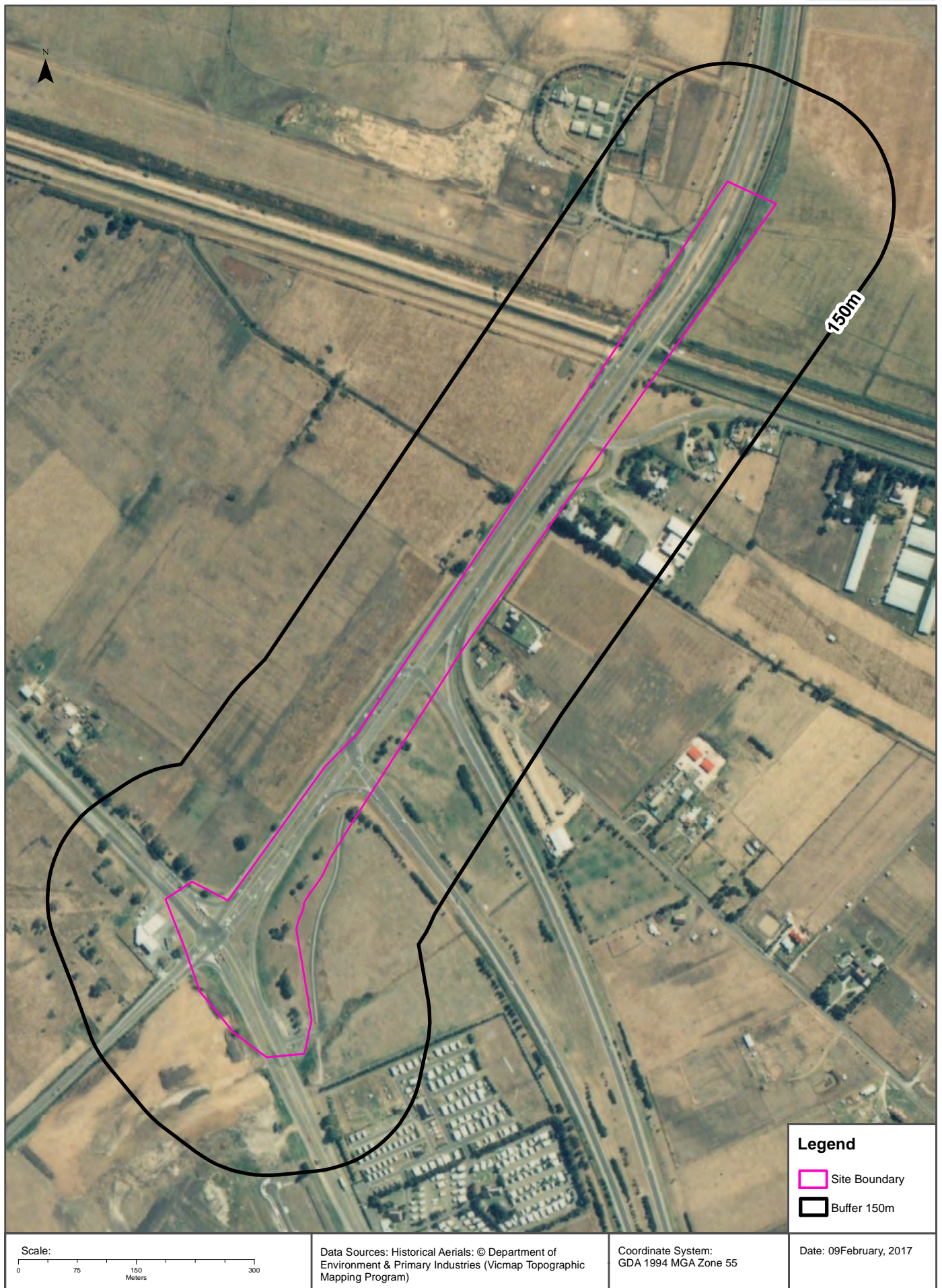


|               |  |  |                               |
|---------------|--|--|-------------------------------|
| <p>Scale:</p> | <p>Data Sources: Aerial Imagery © 2016 Google Inc, used with permission. Google and the Google logo are registered trademarks of Google Inc.</p> | <p>Coordinate System:<br/>GDA 1994 MGA Zone 55</p> | <p>Date: 09February, 2017</p> |
|---------------|--|--|-------------------------------|



## Aerial Imagery 1990

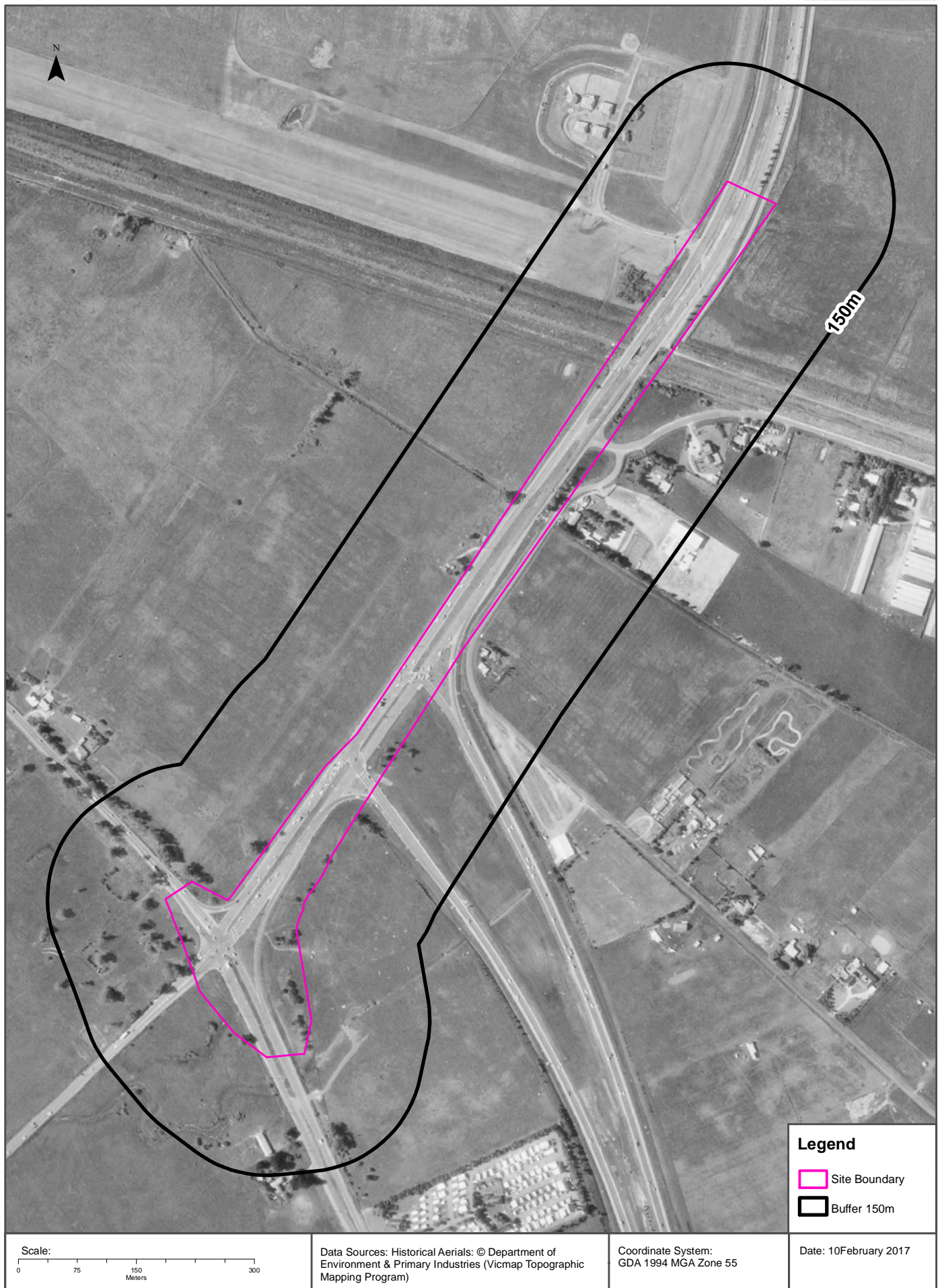
OSAR Proposed Road Alignments - Site 26 (Section 9)





## Aerial Imagery 1985

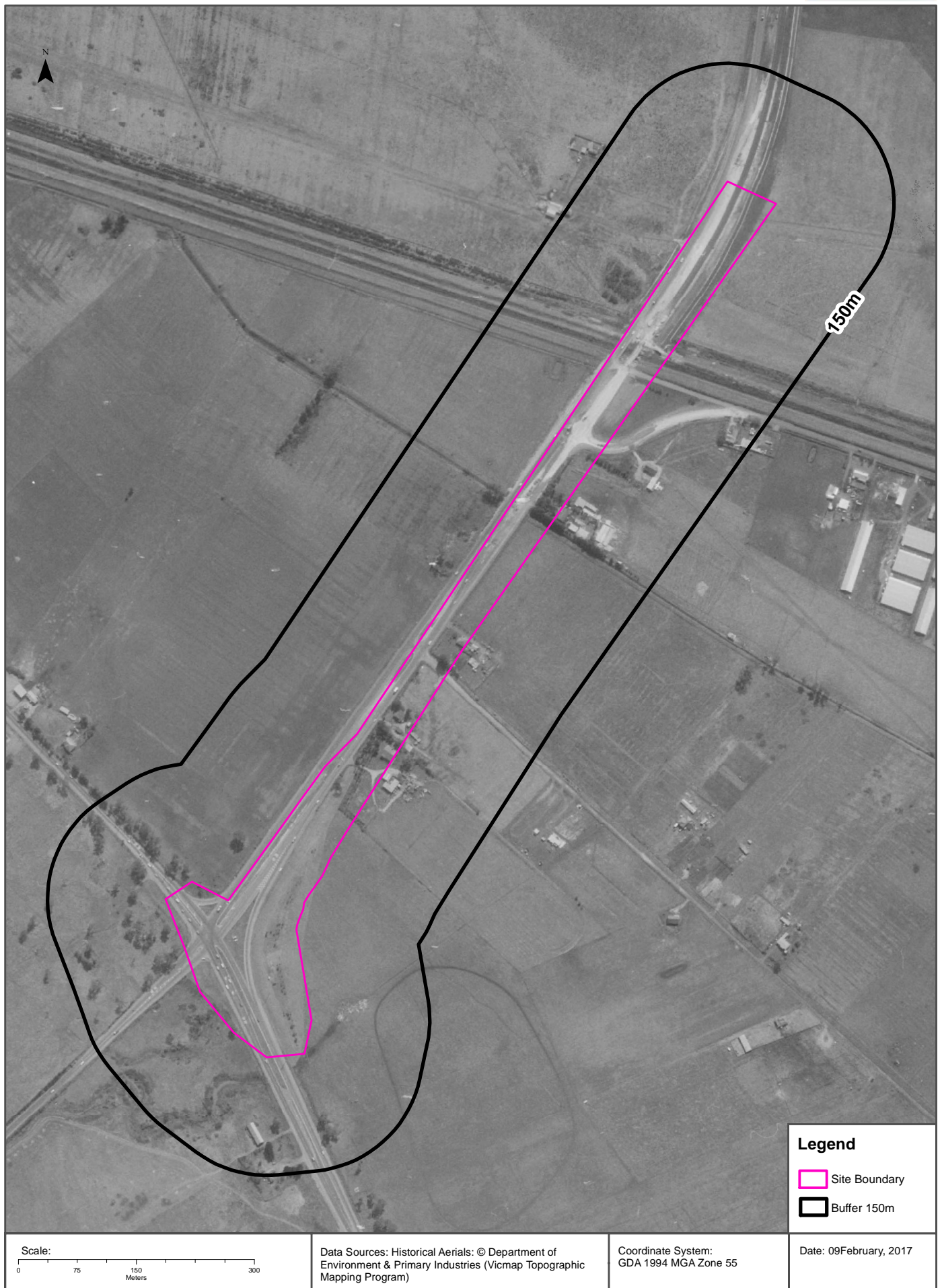
OSAR Proposed Road Alignments - Site 26 (Section 9)





## Aerial Imagery 1974

### OSAR Proposed Road Alignments - Site 26 (Section 9)





## Aerial Imagery 1962

OSAR Proposed Road Alignments - Site 26 (Section 9)





## Aerial Imagery 1951

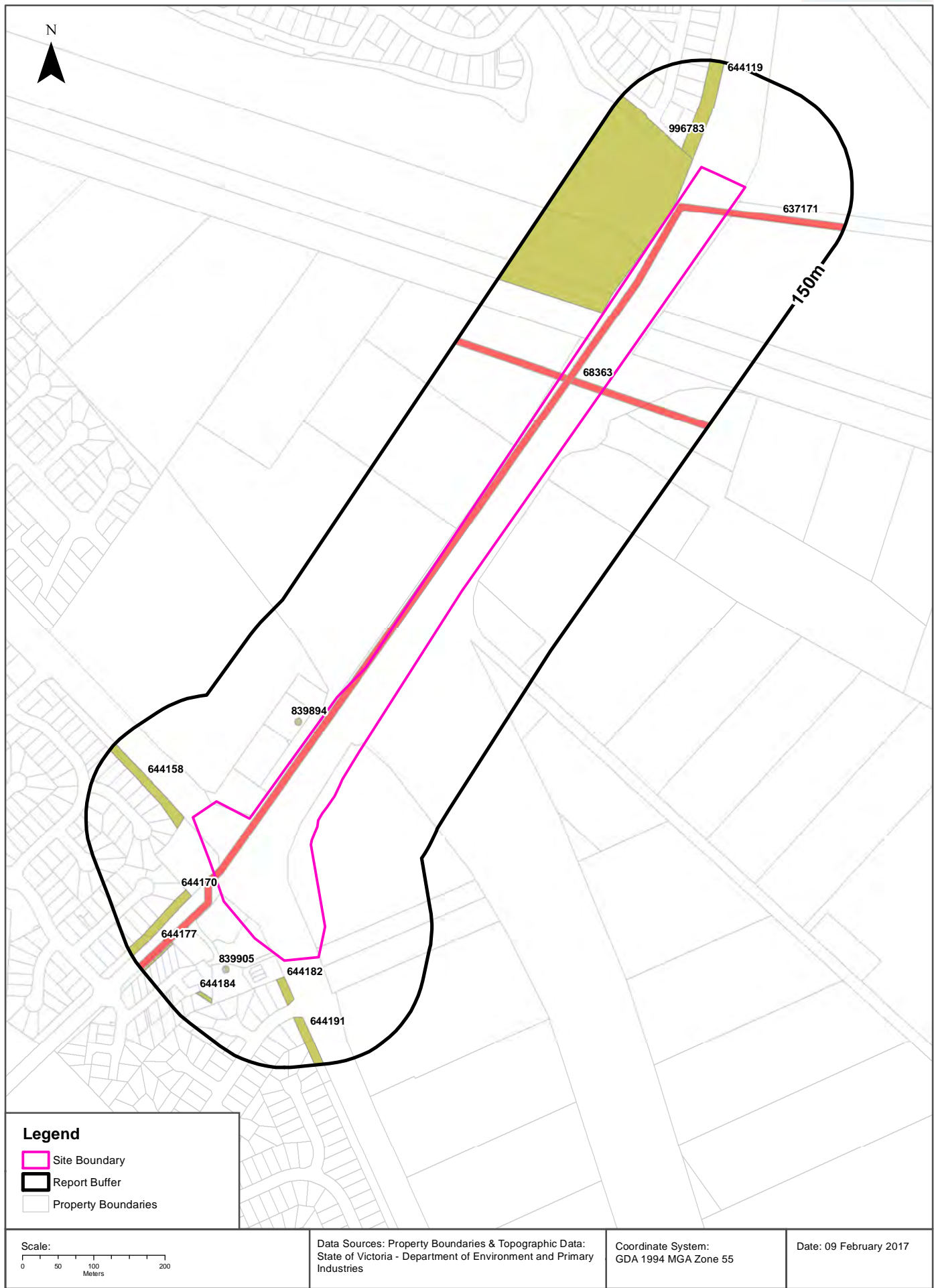
OSAR Proposed Road Alignments - Site 26 (Section 9)





Features of Interest

OSAR Proposed Road Alignments - Site 26 (Section 9)



## Features of Interest

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Features of Interest

Features of Interest within 1km of the site:

| Feature Id | Feature Type  | Feature Sub Type | Name                                       | Distance | Direction  |
|------------|---------------|------------------|--|----------|------------|
| 996783     | reserve       | park             |  | 0m       | Onsite     |
| 68363      | pipeline      | gas pipeline     | Dutson To Hastings                         | 0m       | Onsite     |
| 637171     | pipeline      | gas pipeline     | Dandenong - Edithvale                      | 0m       | Onsite     |
| 644158     | reserve       | park             |  | 12m      | South West |
| 644119     | reserve       | park             |  | 17m      | North East |
| 839894     | care facility | child care       | Goodstart Early Learning Aspendale Gardens | 19m      | South West |
| 644182     | reserve       | park             |  | 23m      | South      |
| 644170     | reserve       | park             |  | 41m      | South West |
| 839905     | care facility | child care       | Goodstart Early Learning Chelsea Heights   | 55m      | South West |
| 644191     | reserve       | park             |  | 80m      | South      |
| 644177     | reserve       | park             |  | 92m      | South West |
| 644184     | reserve       | park             |  | 104m     | South West |

Features of Interest Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Hydrogeology & Groundwater

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Hydrogeology

Description of aquifers within report buffer:

| Description                                  | Distance | Direction |
|--|----------|-----------|
| Porous, extensive highly productive aquifers | 0m       | Onsite    |

Hydrogeology Map of Australia: Commonwealth of Australia (Geoscience Australia)

Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Groundwater Salinity

On-site Groundwater Salinity:

| Groundwater Salinity | Percent Of Site Area |
|----------------------|----------------------|
| 3,500 - 7,000 mg/l   | 93                   |
| 1,000 - 3,500 mg/l   | 7                    |

## Depth to Watertable

On-site Depth to Watertable:

| Depth to Watertable | Percent Of Site Area |
|---------------------|----------------------|
| Less than 5 metres  | 100                  |

## Surface Elevation

Approximate on-site Surface Elevation:

| Surface Elevation |
|-------------------|
| 2 AHDm to 3 AHDm  |

## Basement Elevation

Approximate on-site Basement Elevation:

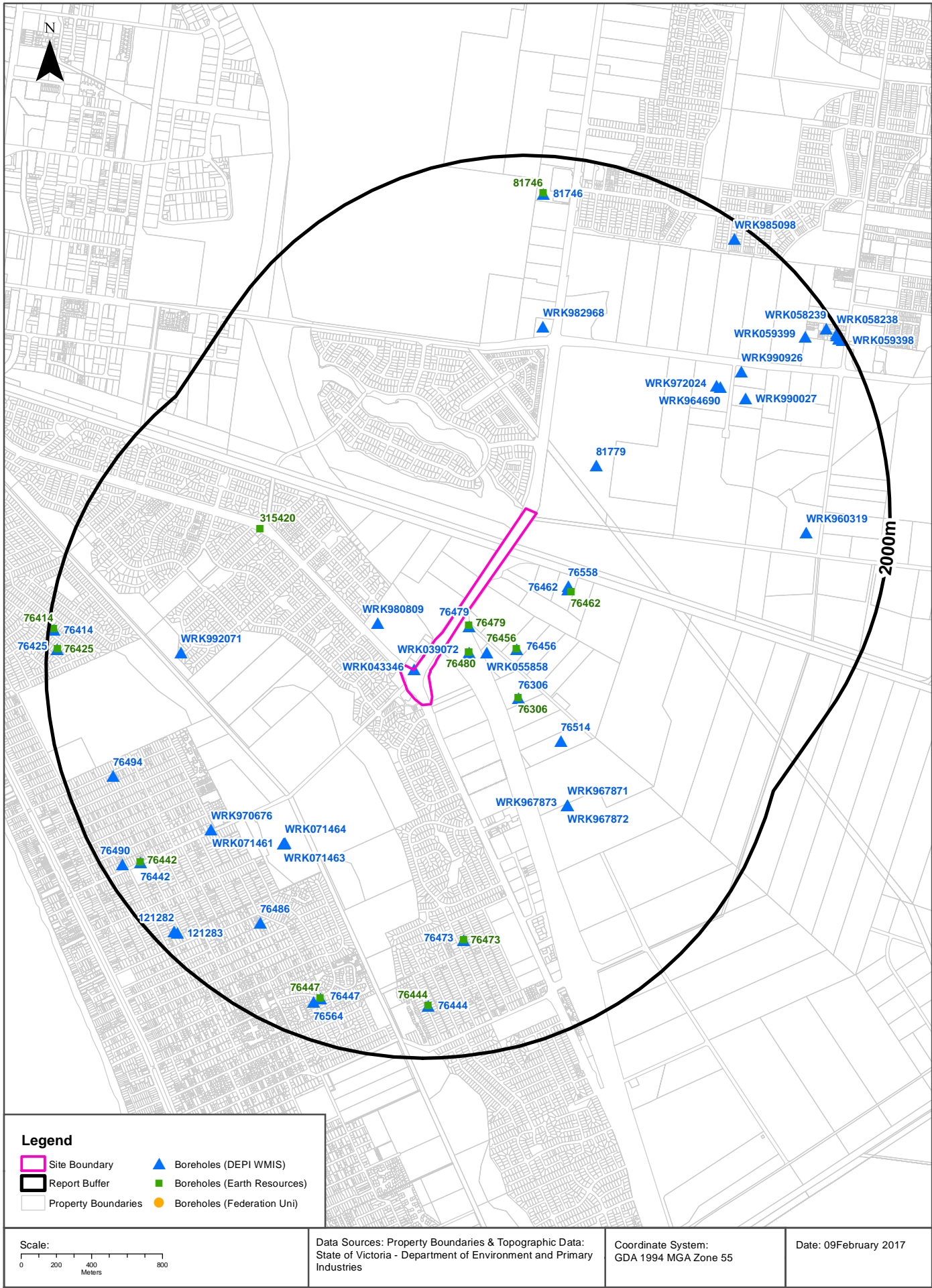
| Basement Elevation - Basement Rocks comprise Lower Palaeozoic basement rocks that form the highlands and the crystalline basement; and Mesozoic rocks of the Otway and Gippsland basins both outcropping and subsurface |
|---|
| -57 AHDm to -46 AHDm  |

Groundwater Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning

Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Groundwater Boreholes

OSAR Proposed Road Alignments - Site 26 (Section 9)





## Groundwater Boreholes

### OSAR Proposed Road Alignments - Site 26 (Section 9)

### Boreholes (DEPI WMIS)

Boreholes from the Department of Environment and Primary Industries' Water Measurement Information System, within the report buffer:

| Bore Id   | Use Type                         | Drillers Log  | Construction  | Latest Water Levels | Geology            | Completed Date | Dist (m) | Dir        |
|-----------|----------------------------------|---|---|---------------------|--------------------|----------------|----------|------------|
| WRK043346 |                                  |   |   |                     |                    |                | 0        | Onsite     |
| 76479     | Domestic                         | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-12.00m SANDY CLAY<br>12.00m-19.00m SAND (MEDIUM)<br>19.00m-24.38m CLAY IRONSTONE BANDS   | 0.00m-12.19m INNER LINING - CASING = Pvc Class 9<br>12.19m-18.29m INNER LINING - SCREEN = Pvc Class 9<br>18.29m-24.38m INNER LINING - CASING = Pvc Class 9  |                     | 12.19m-18.29m Sand | 1986-01-11     | 50       | South East |
| WRK039072 | Domestic, Irrigation, Stock      | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-18.00m SANDY CLAY<br>18.00m-22.00m SAND (MEDIUM)<br>22.00m-24.38m CLAY (IRONSTONE BANDS)   | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-21.34m INNER LINING - SCREEN = Pvc<br>21.34m-24.38m INNER LINING - CASING = Pvc  |                     | 18.29m-21.34m Sand | 1986-01-09     | 131      | South      |
| WRK055858 | Irrigation                       |   |   |                     |                    |                | 217      | South East |
| WRK980809 |                                  |   |   |                     |                    |                | 289      | West       |
| 76456     | Domestic, Stock                  | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-12.00m SANDY CLAY<br>12.00m-18.00m SAND (MEDIUM)<br>18.00m-22.25m CLAY WITH IRONSTONE BANDS                                      | 0.00m-12.19m INNER LINING - CASING = Pvc<br>12.19m-18.29m INNER LINING - SCREEN = Pvc<br>18.29m-22.25m INNER LINING - CASING = Pvc  |                     | 12.19m-18.29m Sand | 1983-11-23     | 348      | South East |
| 76558     | Not Known                        |   |   |                     |                    | 1988-01-01     | 383      | East       |
| 76462     | Agro Industries, Domestic, Stock | 0.00m-2.44m BLACK TOPSOIL<br>2.44m-3.00m GREY CLAY<br>3.00m-12.19m RED CLAY<br>12.19m-18.29m GREY SANDY CLAY<br>18.29m-21.34m COARSE SAND   | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-21.34m INNER LINING - SCREEN = Pvc   |                     | 18.29m-21.34m Sand | 1982-12-27     | 392      | East       |
| 81779     | Not Known                        | 0.00m-0.70m SANDY LOAM<br>0.70m-3.00m GREY CLAYEY SAND<br>3.00m-10.00m ORANGE SANDS<br>10.00m-14.00m GREY SANDS<br>14.00m-17.50m BLACK SANDS  | 0.00m-10.50m INNER LINING - CASING = Pvc<br>10.50m-16.50m INNER LINING - SCREEN = Pvc<br>16.50m-17.50m INNER LINING - CASING = Pvc<br>8.50m-17.50m OUTER LINING - GRAVEL = Not Known  |                     | 10.50m-16.50m Sand | 1988-12-08     | 433      | North East |
| 76306     | Domestic                         | 0.00m-3.00m BLACK CLAY<br>3.00m-11.00m YELLOW CLAY<br>11.00m-18.00m SANDY CLAY<br>18.00m-24.38m SAND (MEDIUM)   | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-24.38m INNER LINING - SCREEN = Pvc   |                     | 18.29m-24.38m Sand | 1986-01-13     | 487      | South East |
| 76514     | Domestic                         | 0.00m-3.00m STILL BLACK CLAY<br>3.00m-6.00m YELLOW BROWN SANDY CLAY<br>6.00m-9.50m YELLOW BROWN LOOSE SAND<br>9.50m-14.00m YELLOW BROWN SANDY CLAY<br>14.00m-20.00m YELLOW BROWN LOOSE SAND | 0.00m-12.50m INNER LINING - CASING = Not Known<br>12.50m-18.30m INNER LINING - SCREEN = Not Known<br>40.00m-0.00m OUTER LINING - GRAVEL = Not Known   |                     | 12.50m-18.30m Sand | 1990-02-27     | 764      | South East |
| WRK967871 | Groundwater Investigation        | 0.00m-0.20m ORGANIC MATTER<br>0.20m-0.40m CLAYEY SAND<br>0.40m-7.50m SANDY CLAY, GREY   | 0.00m-4.50m INNER LINING - CASING = Pvc Class 18<br>4.50m-7.50m INNER LINING - SLOT = Pvc Class 18<br>0.00m-0.50m OUTER LINING - GRAVEL = Cement<br>0.50m-3.50m OUTER LINING - GRAVEL = Seal<br>3.50m-4.00m OUTER LINING - GRAVEL = Bentonite<br>4.00m-7.50m OUTER LINING - GRAVEL = Gravel |                     |                    | 2004-11-26     | 960      | South East |

| Bore Id   | Use Type                  | Drillers Log  | Construction  | Latest Water Levels | Geology               | Completed Date | Dist (m) | Dir        |
|-----------|---------------------------|---|---|---------------------|-----------------------|----------------|----------|------------|
| WRK967872 | Groundwater Investigation | 0.00m-0.20m ORGANIC MATTER<br>0.20m-0.50m SAND - BROWN<br>0.50m-9.00m SANDY CLAY, GREY  | 0.00m-4.50m INNER LINING - CASING = Pvc Class 18<br>4.50m-9.00m INNER LINING - SLOT = Pvc Class 18<br>0.00m-0.50m OUTER LINING - GRAVEL = Cement<br>0.50m-4.00m OUTER LINING - GRAVEL = Seal<br>4.00m-5.00m OUTER LINING - GRAVEL = Bentonite<br>5.00m-9.00m OUTER LINING - GRAVEL = Gravel |                     |                       | 2004-11-26     | 960      | South East |
| WRK967873 | Groundwater Investigation | 0.00m-1.20m CLAY<br>1.20m-4.20m SILTY SANDY CLAY, BLACK<br>4.20m-5.20m SANDY CLAY, DARK BROWN<br>5.20m-6.20m SILTY CLAY   | 0.00m-2.60m INNER LINING - CASING = Pvc Class 18<br>2.60m-6.20m INNER LINING - SLOT = Pvc Class 18<br>0.00m-0.50m OUTER LINING - GRAVEL = Cement<br>0.50m-1.20m OUTER LINING - GRAVEL = Seal<br>1.20m-2.10m OUTER LINING - GRAVEL = Bentonite<br>2.10m-6.20m OUTER LINING - GRAVEL = Gravel |                     |                       | 2004-12-10     | 960      | South East |
| WRK982968 |                           |   |   |                     |                       |                | 1033     | North      |
| WRK071464 | Observation               |   |   |                     |                       | 2012-10-11     | 1095     | South West |
| WRK071463 | Observation               |   |   |                     |                       | 2012-10-11     | 1101     | South West |
| WRK071462 | Observation               |   |   |                     |                       | 2012-10-11     | 1102     | South West |
| WRK071461 | Observation               | 0.00m-0.60m SOIL<br>0.60m-7.30m SAND  | 0.00m-3.00m INNER LINING - CASING = Pvc<br>3.00m-7.50m INNER LINING - SCREEN = Pvc<br>0.00m-0.10m OUTER LINING - GRAVEL = Cement<br>0.10m-3.00m OUTER LINING - GRAVEL = Bentonite<br>3.00m-7.50m OUTER LINING - GRAVEL = Gravel   |                     | 3.00m-7.50m Sand      | 2012-10-11     | 1102     | South West |
| WRK992071 |                           |   |   |                     |                       |                | 1240     | West       |
| WRK972024 |                           |   |   |                     |                       |                | 1249     | North East |
| WRK964690 |                           |   |   |                     |                       |                | 1261     | North East |
| 76473     | Domestic                  | 0.00m-0.91m BLACK TOP SOIL<br>0.91m-3.00m YELLOW FINE SAND<br>3.00m-6.10m COARSE SAND CLEAN   | 0.00m-5.44m INNER LINING - CASING = Not Known<br>5.44m-6.10m INNER LINING - SCREEN = Not Known  |                     | 5.44m-6.10m Sand      | 1983-08-07     | 1348     | South      |
| WRK990027 | Domestic                  | 0.00m-1.00m top soil<br>1.00m-4.60m sandy clay<br>4.60m-27.00m sloppy beach sands   | 0.00m-15.00m INNER LINING - CASING = Pvc<br>15.00m-27.00m INNER LINING - SCREEN = Pvc<br>0.00m-6.00m OUTER LINING - GRAVEL = Cement<br>6.00m-27.00m OUTER LINING - GRAVEL = Gravel  |                     |                       | 2009-05-21     | 1350     | North East |
| WRK970676 |                           |   |   |                     |                       |                | 1360     | South West |
| WRK990926 |                           |   |   |                     |                       |                | 1409     | North East |
| WRK960319 | Domestic & Stock          | 0.00m-0.30m TOPSOIL<br>0.30m-1.80m GREY CLAY<br>1.80m-3.50m ORANGE & GREY CLAY<br>3.50m-10.00m GREY SILTY CLAY<br>10.00m-19.00m BLACK SILTY CLAY<br>19.00m-24.00m LIGNIOUS CLAY<br>24.00m-27.00m VOLCANIC CLAY<br>27.00m-61.00m GRANITE | 0.40m-27.00m INNER LINING - CASING = Pvc<br>27.00m-58.00m INNER LINING - SLOT = Pvc<br>0.00m-3.00m OUTER LINING - GRAVEL = Cement<br>3.00m-27.00m OUTER LINING - GRAVEL = Gravel  |                     | 27.00m-58.00m Granite | 2002-12-19     | 1531     | East       |
| 76486     | Domestic                  | 0.00m-5.00m PROBABLY SAND   | 0.00m-5.00m INNER LINING - CASING = Pvc   |                     |                       | 1983-12-31     | 1533     | South West |
| 76444     | Domestic                  | 0.00m-0.61m BLACK LOAM SAND TOP SOIL<br>0.61m-2.40m BLACK GREY SAND<br>2.40m-3.61m GREY COARSE SAND   | 0.00m-2.74m INNER LINING - CASING = Pvc<br>2.74m-3.61m INNER LINING - SCREEN = Pvc  |                     | 2.74m-3.61m Sand      | 1983-11-09     | 1701     | South      |
| 76494     | Domestic                  | 0.00m-0.60m BLACK SANDY TOP SOIL<br>0.60m-1.00m BROWN CLAY SAND - FINE<br>1.00m-2.13m YELLOW CALCAREOUS SHELLY SAND- COARSE<br>2.13m-3.00m AS ABOVE TENDING GREY TO BLACK AND FINE GRAINED<br>3.00m-4.50m LIGNIOUS BLACK CLAY           | -0.10m-2.10m INNER LINING - CASING = Pvc Class 12<br>2.10m-2.74m INNER LINING - SCREEN = Pvc Class 12<br>1.50m-3.00m OUTER LINING - GRAVEL = Gravel   |                     | 2.10m-2.74m Marl      | 1987-01-09     | 1729     | South West |
| 76447     | Domestic                  | 0.00m-1.83m BLACK CLAY BUILT UP GROWN<br>1.83m-2.44m COARSE WHITE SAND TO BLACK MARL  | 0.00m-1.83m INNER LINING - CASING = Not Known<br>1.83m-2.44m INNER LINING - SCREEN = Not Known  |                     | 1.83m-2.44m Sand      | 1983-09-14     | 1757     | South      |

| Bore Id   | Use Type                  | Drillers Log   | Construction  | Latest Water Levels | Geology                                  | Completed Date | Dist (m) | Dir        |
|-----------|---------------------------|--|---|---------------------|--|----------------|----------|------------|
| 81746     | Domestic                  | 0.00m-3.05m BROWN CLAY<br>3.05m-15.24m BROWN SANDY CLAY<br>15.24m-24.38m BLUE GREY GRAVELLY CLAY<br>24.38m-39.62m GREY GREEN SANDY CLAY<br>39.62m-45.41m GREY GREEN GRAVELLY CLAY  | 0.00m-4.57m INNER LINING - CASING = Pvc<br>0.00m-33.05m INNER LINING - CASING = Pvc<br>33.05m-38.10m INNER LINING - SCREEN = Pvc<br>39.92m-41.15m INNER LINING - SCREEN = Wire W S/Steel  |                     | 33.05m-38.10m Clay<br>39.92m-41.15m Clay | 1982-02-28     | 1786     | North      |
| 76564     | Domestic                  | 0.00m-3.00m NO DETAILS AVAILABLE   | 0.00m-3.00m INNER LINING - CASING = Pvc   |                     |  | 1983-03-17     | 1789     | South      |
| 76442     | Domestic                  | 0.00m-7.62m SAND   | 0.00m-7.00m INNER LINING - CASING = Pvc<br>7.00m-7.62m INNER LINING - SCREEN = Pvc  |                     | 7.00m-7.62m Sand                         | 1983-01-12     | 1797     | South West |
| WRK059399 | Observation               |  |   |                     |  | 2010-11-10     | 1821     | North East |
| 121283    | Groundwater Investigation | 0.00m-34.00m GREY SAND & CLAY PATCHES  | -0.50m-31.00m INNER LINING - CASING = Pvc<br>31.00m-34.00m INNER LINING - SCREEN = Pvc<br>0.00m-2.00m OUTER LINING - GRAVEL = Cement<br>29.00m-30.00m OUTER LINING - GRAVEL = Bentonite<br>30.00m-34.00m OUTER LINING - GRAVEL = Gravel |                     | 31.00m-34.00m Sand                       | 1993-10-20     | 1884     | South West |
| 76490     | Domestic                  | 0.00m-5.00m SAND   | 0.00m-4.00m INNER LINING - CASING = Pvc<br>4.00m-5.00m INNER LINING - SCREEN = Pvc  |                     | 4.00m-5.00m Sand                         | 1985-12-31     | 1887     | South West |
| 121282    | Groundwater Investigation | 0.00m-31.00m GREY SAND & CLAY PATCHES  | -0.50m-22.00m INNER LINING - CASING = Pvc<br>22.00m-31.00m INNER LINING - SCREEN = Pvc<br>0.00m-2.00m OUTER LINING - GRAVEL = Cement<br>19.00m-20.00m OUTER LINING - GRAVEL = Bentonite<br>20.00m-31.00m OUTER LINING - GRAVEL = Gravel |                     | 22.00m-31.00m Sand                       | 1993-10-20     | 1892     | South West |
| WRK985098 |                           |  |   |                     |  |                | 1916     | North East |
| 76425     | Domestic                  | 0.00m-0.61m LOAM<br>0.61m-1.06m WHITE SAND<br>1.06m-1.37m BLACK CLAY<br>1.37m-1.83m GREY SAND AND SHELLS<br>1.83m-2.27m BLACK CLAY<br>2.27m-2.74m GREY SAND AND SEA SHELLS<br>2.74m-3.35m BLACK CLAY<br>3.35m-3.66m GREY SAND AND SEA SHELLS<br>3.66m-4.57m BLACK CLAY<br>4.57m-5.18m GREY SAND AND SEA SHELLS | 0.00m-4.57m INNER LINING - CASING = Pvc<br>4.57m-5.18m INNER LINING - SCREEN = Pvc  |                     | 4.57m-5.18m Sand                         | 1983-12-12     | 1939     | West       |
| WRK058239 | Observation               |  |   |                     |  | 2010-11-10     | 1944     | North East |
| 76414     | Domestic                  | 0.00m-1.30m PEAT - CLAY<br>1.30m-2.30m SAND - WET<br>2.30m-4.57m CLAY - WET<br>4.57m-0.00m WHITE-GREY SANDSTONE  | 0.00m-3.96m INNER LINING - CASING = Pvc<br>3.96m-4.57m INNER LINING - SCREEN = Pvc  |                     | 3.96m-4.57m Sandstone                    | 1983-02-24     | 1969     | West       |
| WRK068557 | Observation               |  |   |                     |  | 2012-01-21     | 1975     | North East |
| WRK068558 | Observation               |  |   |                     |  | 2012-01-21     | 1976     | North East |
| WRK058238 | Observation               | 0.00m-0.60m sandy silt<br>0.60m-2.80m silty clay<br>2.80m-6.00m clayey sand  | 0.00m-2.00m INNER LINING - CASING = Pvc<br>2.00m-6.00m INNER LINING - SCREEN = Pvc<br>0.00m-0.30m OUTER LINING - GRAVEL = Cement<br>0.30m-1.50m OUTER LINING - GRAVEL = Bentonite<br>1.50m-6.00m OUTER LINING - GRAVEL = Gravel         |                     | 2.00m-6.00m Sand                         | 2010-11-10     | 1982     | North East |
| WRK059398 | Observation               |  |   |                     |  | 2010-11-10     | 1990     | North East |

Boreholes WMIS Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Groundwater Boreholes

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Boreholes (Earth Resources Database)

Boreholes from the Earth Resources dataset, within the report buffer:

| Bore Id | Bore Type | Company  | Usage                         | Method                        | Status | Drill Date | Depth | Elevation | Accuracy (m) | Dist (m) | Direct     |
|---------|-----------|--|-------------------------------|-------------------------------|--------|------------|-------|-----------|--------------|----------|------------|
| 76479   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 11/01/1986 | 24.38 |           | 100          | 47       | South East |
| 76480   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 09/01/1986 | 24.38 |           | 100          | 128      | South      |
| 76480   |           | Private Individual/Corporation                     | Irrigation                    | Air Percussion/Air Rotary     |        | 09/01/1986 | 24.38 |           | 100          | 128      | South      |
| 76456   |           | Private Individual/Corporation                     | Domestic & Stock water supply | Air Percussion/Air Rotary     |        | 23/11/1983 | 22.25 |           | 100          | 345      | South East |
| 76462   |           | Private Individual/Corporation                     | Stock/Poultry water supply    | Air Percussion/Air Rotary     |        | 27/12/1982 | 21.34 |           | 100          | 415      | East       |
| 76306   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 13/01/1986 | 60.96 |           | 100          | 485      | South East |
| 315420  |           | Department of Manufacturing & Industry Development |                               |                               |        | 31/12/1928 | 67.06 | 20.00     | 100          | 1122     | North West |
| 76473   |           | Private Individual/Corporation                     | Domestic water supply         | Hand Auger                    |        | 07/08/1983 | 6.10  |           | 100          | 1347     | South      |
| 76444   |           | Private Individual/Corporation                     | Domestic water supply         | Spear point (multiple system) |        | 09/11/1983 | 3.60  |           | 100          | 1700     | South      |
| 76447   |           | Private Individual/Corporation                     | Domestic water supply         | Hand Auger                    |        | 14/09/1983 | 2.44  |           | 100          | 1756     | South      |
| 81746   |           | Private Individual/Corporation                     | Domestic water supply         | Rotary (diamond/drag bit)     |        | 28/02/1982 | 45.41 |           | 100          | 1786     | North      |
| 76442   |           | Private Individual/Corporation                     | Domestic water supply         | Mechanical Auger              |        | 12/01/1983 | 7.62  |           | 100          | 1797     | South West |
| 76425   |           | Private Individual/Corporation                     | Domestic water supply         | Spear point (multiple system) |        | 12/12/1983 | 5.18  |           | 100          | 1941     | West       |
| 76414   |           | Private Individual/Corporation                     | Domestic water supply         | Hand Auger                    |        | 24/02/1983 | 4.57  |           | 100          | 1970     | West       |

Boreholes Earth Resources Data Source: © The State of Victoria, Department of Economic Development, Jobs, Transport and Resources 2015. Creative Commons Attribution 3.0 Australia

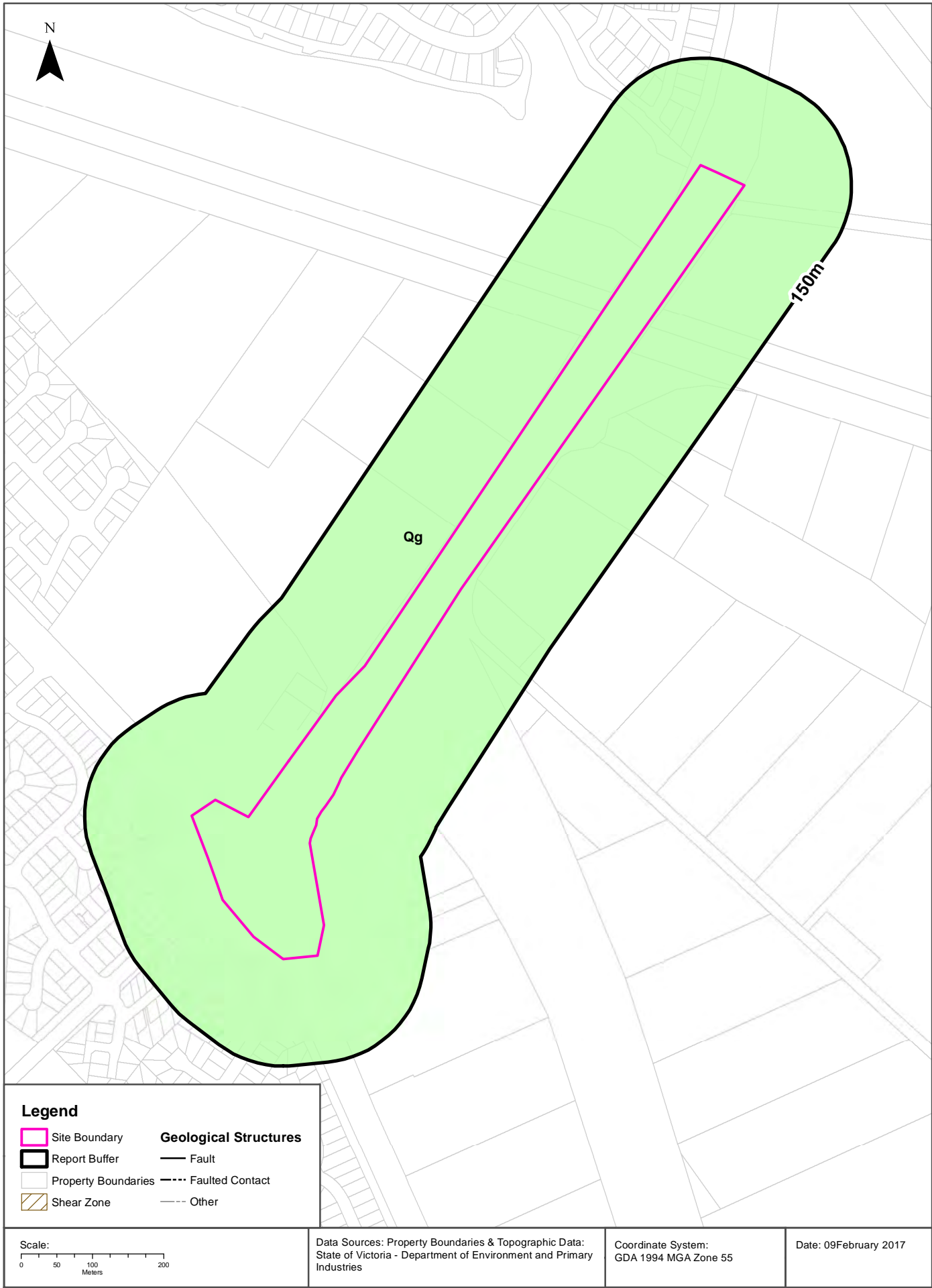
## Boreholes (Federation University)

Boreholes from the Federation University Australia dataset, within the report buffer:

| Bore Id | Authority                | Type | Uses | Initial TD | Log | Dist (m) | Direct |
|---------|--------------------------|------|------|------------|-----|----------|--------|
| N/A     | No records within buffer |      |      |            |     |          |        |

Boreholes FedUni Data Source: © Federation University Australia





## Geology

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Geological Units

What are the Geological Units onsite?

| Symbol | Name                                  | Description   | Geological Age       | Lithology   | Dataset   |
|--------|---------------------------------------|---|----------------------|---|-----------|
| Qg     | coastal lagoon deposits (Qg): generic | Silt, clay: dark grey to black; variably consolidated | Holocene to Holocene | silt material (significant); clay lithology (significant) | 1:250,000 |

What are the Geological Units within the report buffer?

| Symbol | Name                                  | Description   | Geological Age       | Lithology   | Dataset   |
|--------|---------------------------------------|---|----------------------|---|-----------|
| Qg     | coastal lagoon deposits (Qg): generic | Silt, clay: dark grey to black; variably consolidated | Holocene to Holocene | silt material (significant); clay lithology (significant) | 1:250,000 |

Geology Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Geology

### OSAR Proposed Road Alignments - Site 26 (Section 9)

#### Geological Structures

What are the Geological Faults or Faulted Contacts onsite?

| Map Id      | Type | Name | Contact | Positional Accuracy | Dataset   |
|-------------|------|------|---------|---------------------|-----------|
| No features |      |      |         |                     | 1:250,000 |

What are the Dykes, Marker Beds and Veins onsite?

| Map Id           | Type | Name | Description | Positional Accuracy | Dataset |
|------------------|------|------|-------------|---------------------|---------|
| No Data Coverage |      |      |             |                     |         |

What are the Shear Zones onsite (1:250,000 scale)?

| Map Id      | Type | Name | Description | Positional Accuracy | Dataset   |
|-------------|------|------|-------------|---------------------|-----------|
| No features |      |      |             |                     | 1:250,000 |

What are the Geological Faults or Faulted Contacts within the report buffer?

| Map Id      | Type | Name | Contact | Positional Accuracy | Dataset   |
|-------------|------|------|---------|---------------------|-----------|
| No features |      |      |         |                     | 1:250,000 |

What are the Dykes, Marker Beds and Veins within the report buffer?

| Map Id           | Type | Name | Description | Positional Accuracy | Dataset |
|------------------|------|------|-------------|---------------------|---------|
| No Data Coverage |      |      |             |                     |         |

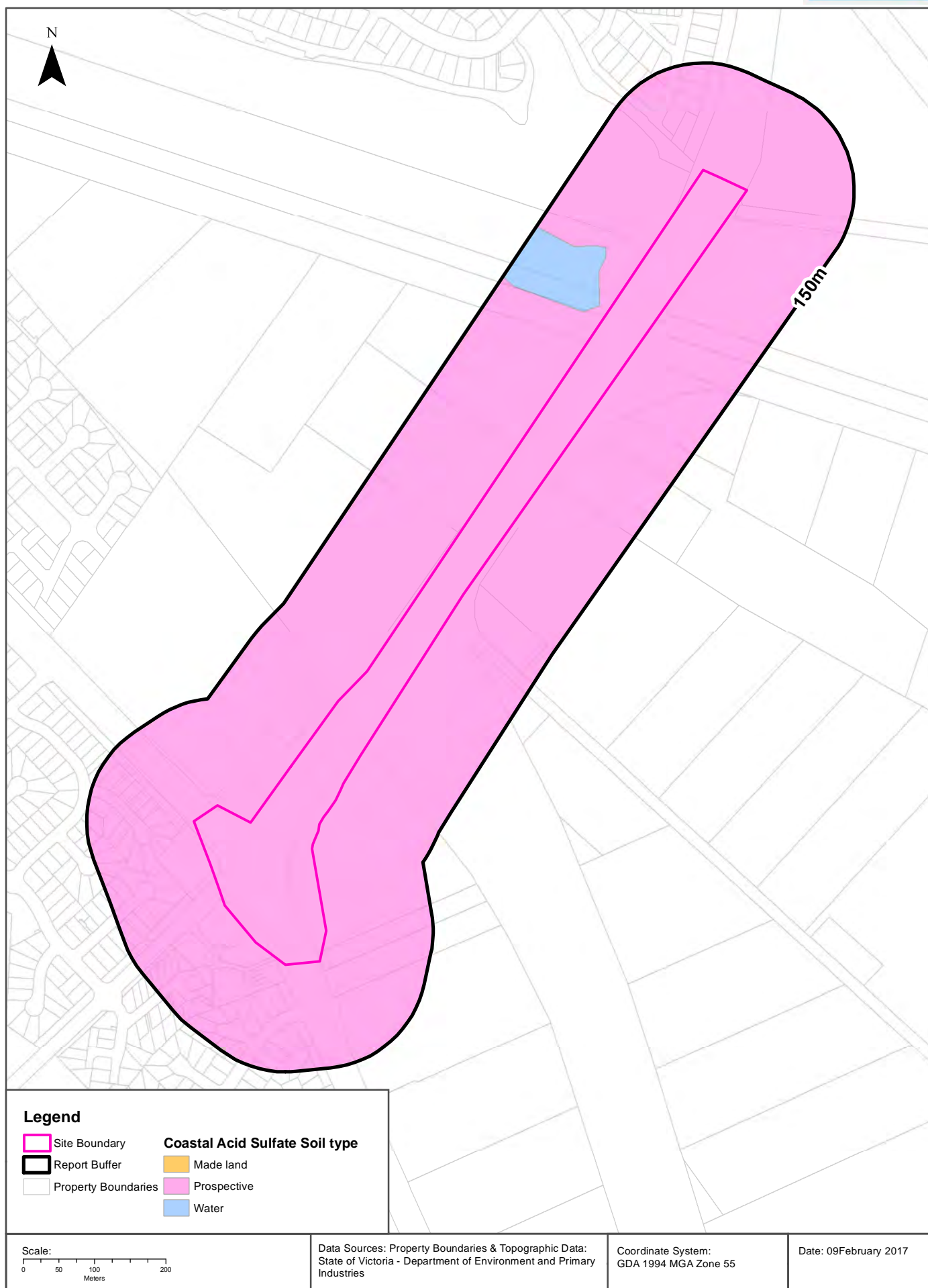
What are the Shear Zones within the report buffer (1:250,000 scale)?

| Map Id      | Type | Name | Description | Positional Accuracy | Dataset   |
|-------------|------|------|-------------|---------------------|-----------|
| No features |      |      |             |                     | 1:250,000 |

Geology Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Coastal Acid Sulfate Soils

OSAR Proposed Road Alignments - Site 26 (Section 9)





## Coastal Acid Sulfate Soils

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Coastal Acid Sulfate Soils

What are the on-site Coastal Acid Sulfate Soil types?

| Coastal Acid Sulfate Soil Types |
|---------------------------------|
| Prospective                     |

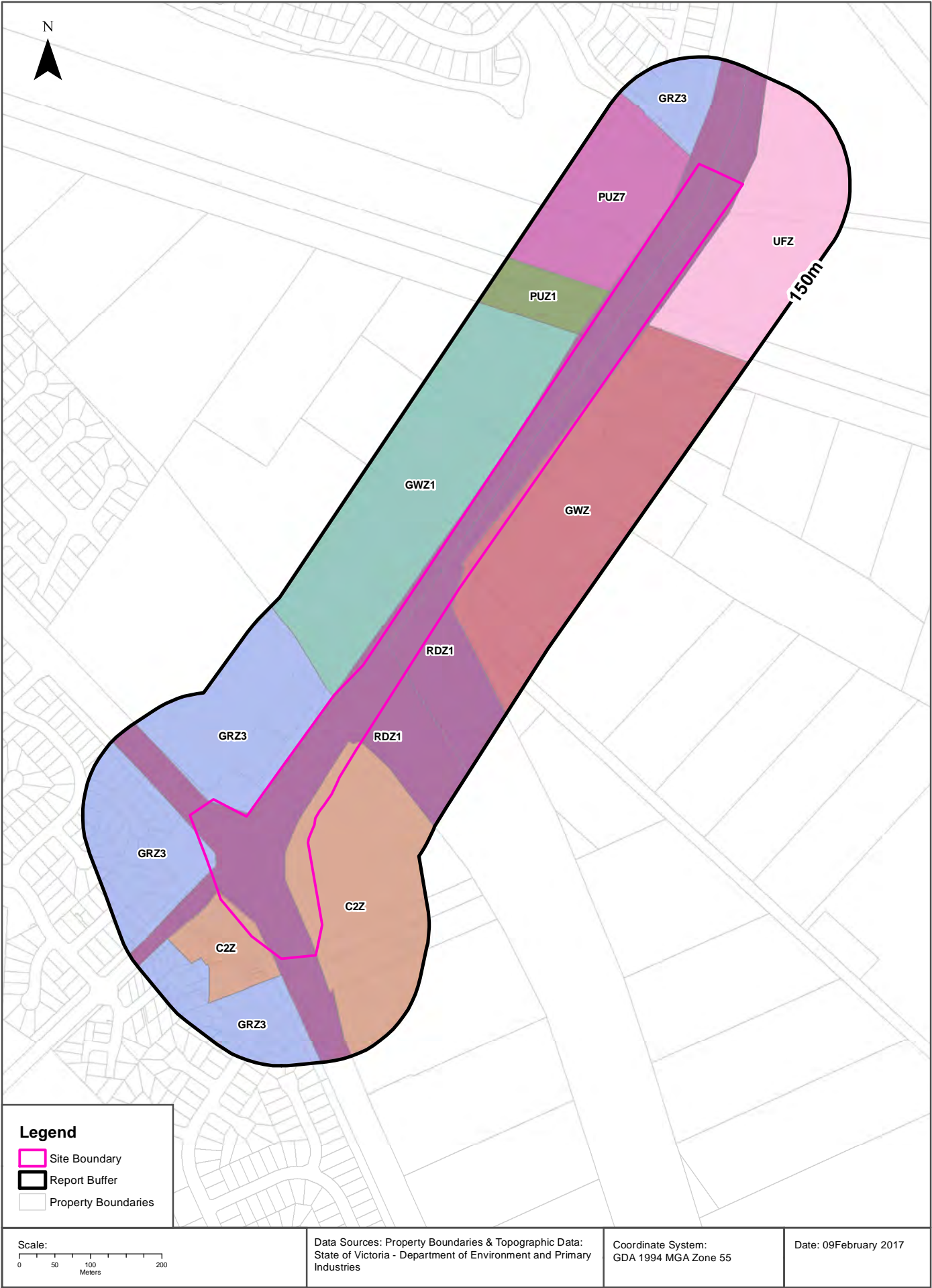
What are the Coastal Acid Sulfate Soil types within the report buffer?

| Coastal Acid Sulfate Soil Types | Distance | Direction  |
|---------------------------------|----------|------------|
| Prospective                     | 0m       | Onsite     |
| Water                           | 16m      | North West |

Coastal Acid Sulfate Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Planning Zones

OSAR Proposed Road Alignments - Site 26 (Section 9)



## Planning Zones

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Planning Zones

Planning zones within the report buffer:

| Zone Code | Description                           | Distance | Direction  |
|-----------|---------------------------------------|----------|------------|
| RDZ1      | ROAD ZONE - CATEGORY 1                | 0m       | Onsite     |
| C2Z       | COMMERCIAL 2 ZONE                     | 0m       | Onsite     |
| GWZ       | GREEN WEDGE ZONE                      | 0m       | Onsite     |
| GRZ3      | GENERAL RESIDENTIAL ZONE - SCHEDULE 3 | 0m       | North West |
| PUZ7      | PUBLIC USE ZONE - OTHER PUBLIC USE    | 0m       | North      |
| UFZ       | URBAN FLOODWAY ZONE                   | 0m       | East       |
| GWZ1      | GREEN WEDGE ZONE - SCHEDULE 1         | 1m       | North West |
| PUZ1      | PUBLIC USE ZONE - SERVICE AND UTILITY | 5m       | North West |
| GRZ3      | GENERAL RESIDENTIAL ZONE - SCHEDULE 3 | 17m      | North      |
| GRZ3      | GENERAL RESIDENTIAL ZONE - SCHEDULE 3 | 23m      | South      |

Planning Zone Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Planning Overlays

## OSAR Proposed Road Alignments - Site 26 (Section 9)





## Planning Overlays

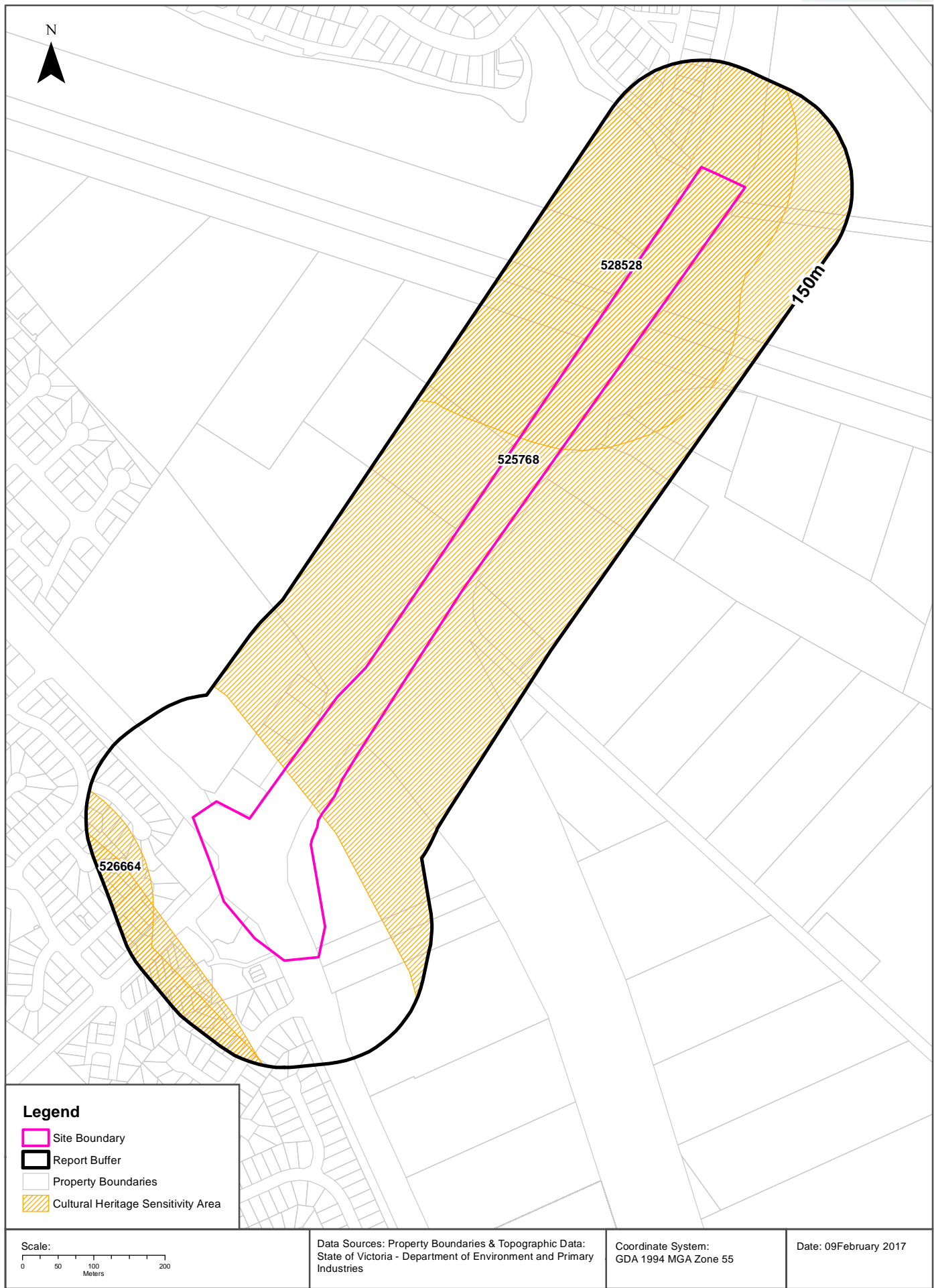
### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Planning Overlays

Planning overlays within the report buffer:

| Zone Code | Description                                     | Distance | Direction  |
|-----------|---|----------|------------|
| LSIO      | LAND SUBJECT TO INUNDATION OVERLAY              | 0m       | Onsite     |
| ESO3      | ENVIRONMENTAL SIGNIFICANCE OVERLAY - SCHEDULE 3 | 0m       | Onsite     |
| IPO3      | INCORPORATED PLAN OVERLAY - SCHEDULE 3          | 0m       | Onsite     |
| PAO1      | PUBLIC ACQUISITION OVERLAY 1                    | 0m       | North West |
| DDO6      | DESIGN AND DEVELOPMENT OVERLAY - SCHEDULE 6     | 0m       | North      |
| IPO2      | INCORPORATED PLAN OVERLAY - SCHEDULE 2          | 0m       | North      |
| ESO3      | ENVIRONMENTAL SIGNIFICANCE OVERLAY - SCHEDULE 3 | 77m      | South West |

Planning Overlay Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



## Cultural Heritage Sensitivity

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Cultural Heritage Sensitivity

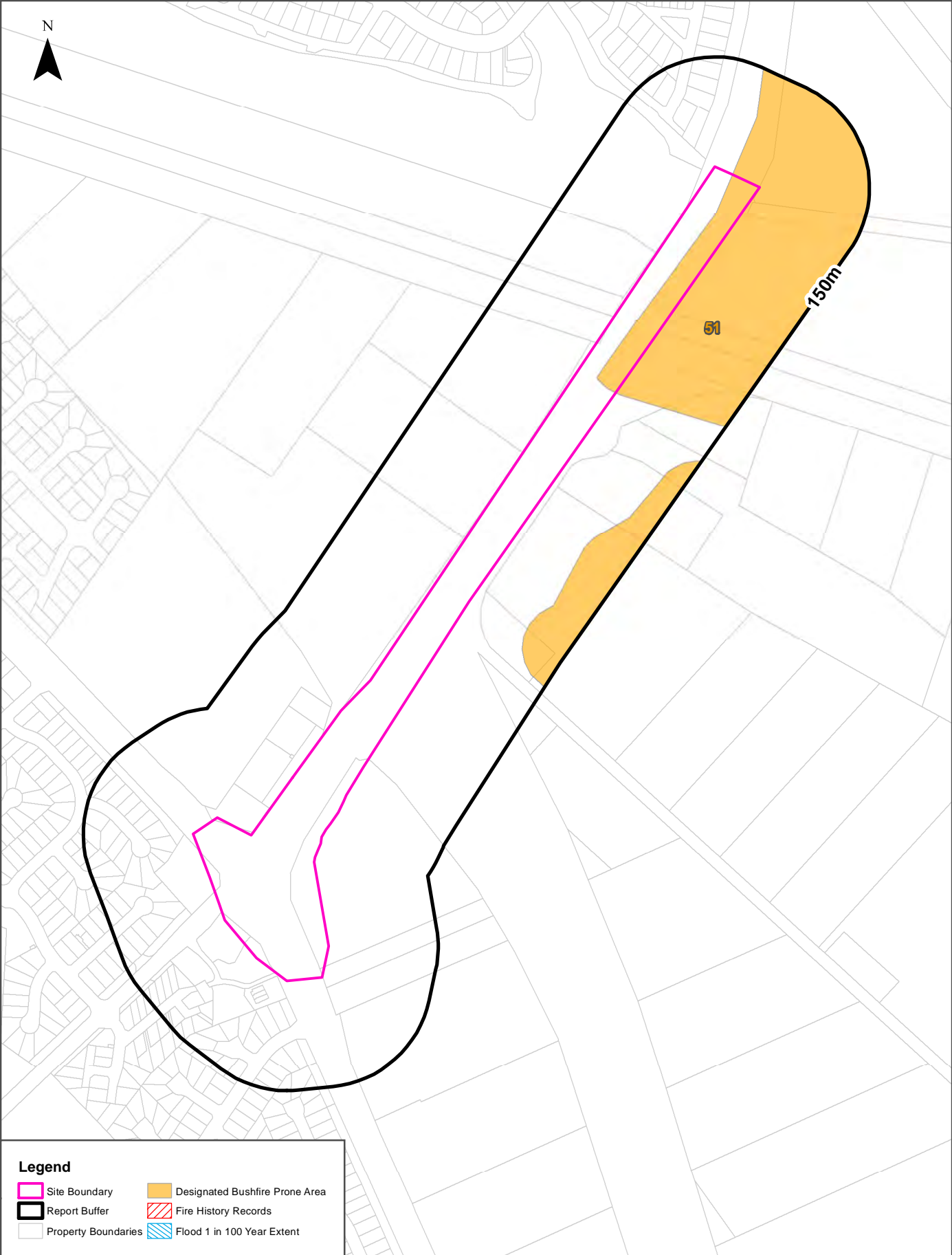
Areas of Cultural Heritage Sensitivity as specified in Division 3 of Part 2 in the Aboriginal Heritage Regulations 2007, within the report buffer:

| Map Id | Culturally Sensitive | Distance | Direction  |
|--------|----------------------|----------|------------|
| 525768 | YES                  | 0m       | Onsite     |
| 528528 | YES                  | 0m       | Onsite     |
| 526664 | YES                  | 84m      | South West |


Cultural Heritage Sensitivity Data Custodian: State Government Victoria - Dept of Planning and Community Development  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>


Natural Hazards


OSAR Proposed Road Alignments - Site 26 (Section 9)





**Legend**


 Site Boundary

 Report Buffer

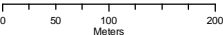
 Property Boundaries

 Designated Bushfire Prone Area

 Fire History Records

 Flood 1 in 100 Year Extent

Scale:



0 50 100 200  
Meters

Data Sources: Property Boundaries & Topographic Data:  
State of Victoria - Department of Environment and Primary  
Industries

Coordinate System:  
GDA 1994 MGA Zone 55

Date: 09February 2017



## Natural Hazards

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Bushfire Prone Areas

What are the designated bushfire prone areas within the report buffer?

| Map ID | Feature                        | Plan No      | LGA               | Gazetted Date | Distance | Direction |
|--------|--------------------------------|--------------|-------------------|---------------|----------|-----------|
| 51     | Designated Bushfire Prone Area | LEGL./14-154 | GREATER DANDENONG | 07/04/2014    | 0m       | Onsite    |

Bushfire Prone Area Data Custodian: State Government Victoria - Dept of Transport, Planning & Local Infrastructure  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Fire History

What are the fire history records of fires primarily on public land, within the report buffer?

| Map Id | Fire Type                | Fire Key | Season | Fire No | Fire Name | Treatment | Fire Cover | Start Date | Dist (m) | Direction |
|--------|--------------------------|----------|--------|---------|-----------|-----------|------------|------------|----------|-----------|
| N/A    | No records within buffer |          |        |         |           |           |            |            |          |           |

Fire History Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Flood - 1 in 100 year modelled flood extent

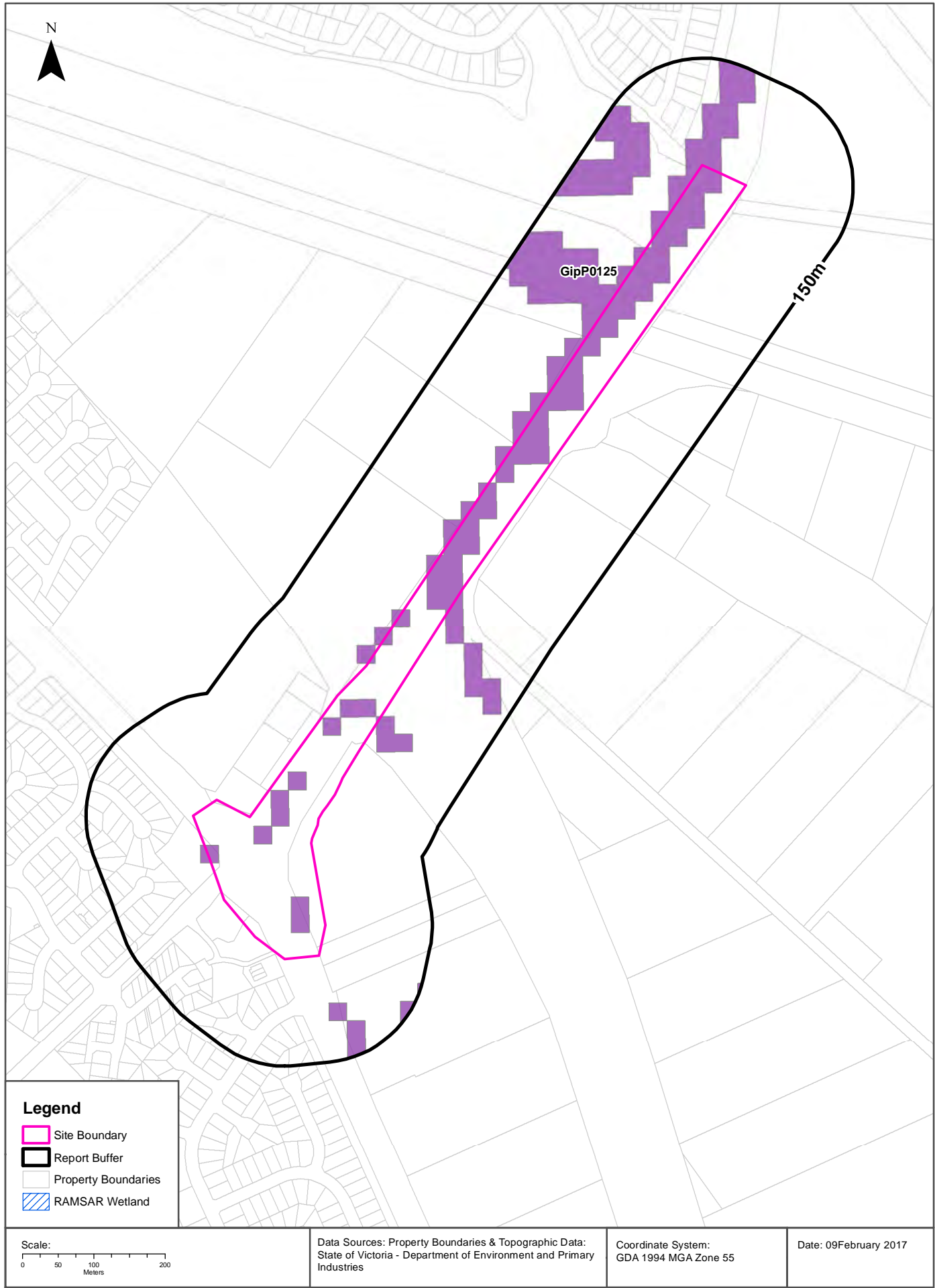
What 1 in 100 year flood extent features exist within the report buffer?

| Feature | Source                   | Method | Scale | Modified Date | Distance | Direction |
|---------|--------------------------|--------|-------|---------------|----------|-----------|
| N/A     | No records within buffer |        |       |               |          |           |

Flood Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Ecological Constraints - Native Vegetation 2005 & RAMSAR Wetlands

OSAR Proposed Road Alignments - Site 26 (Section 9)



## Ecological Constraints

### OSAR Proposed Road Alignments - Site 26 (Section 9)

## Native Vegetation (Modelled 2005 Ecological Vegetation Classes)

What native vegetation exists within the report buffer?

| Veg Code | EVC Name              | EVCCode | Group    | Subgroup   | Bioregion       | Conservation Status | Geographic Occurance | Distance |
|----------|-----------------------|---------|----------|------------|-----------------|---------------------|----------------------|----------|
| GipP0125 | Plains Grassy Wetland | 0125    | Wetlands | Freshwater | Gippsland Plain | Endangered          | Naturally Restricted | 0m       |

Native Vegetation Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## RAMSAR Wetlands

What RAMSAR wetland areas exist within the report buffer?

| Map ID | Site Name                | Lake Name | Distance | Direction |
|--------|--------------------------|-----------|----------|-----------|
| N/A    | No records within buffer |           |          |           |

RAMSAR Wetland Area Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

#### USE OF REPORT – APPLICABLE TERMS

The following terms apply to any person (End User) who is given the Report by the person who purchased the Report from Lotsearch Pty Ltd (ABN: 89 600 168 018) (Lotsearch) or who otherwise has access to the Report. The contract terms that apply between Lotsearch and the purchaser of the Report are specified in the order form pursuant to which the Report was ordered and the terms set out below are of no effect as between Lotsearch and the purchaser of the Report.

1. End User acknowledges and agrees that:
  - (a) the Report is compiled from or using content (**Third Party Content**) which is comprised of:
    - (i) content provided to Lotsearch by third party content suppliers with whom Lotsearch has contractual arrangements or content which is freely available (**Third Party Content Suppliers**);
    - (j) content which is derived from content described in paragraph (i);
  - (b) Lotsearch does not take any responsibility for or give any warranty in relation to the accuracy or completeness of any Third Party Content included in the Report;
  - (c) the Third Party Content Suppliers do not constitute an exhaustive set of all repositories or sources of information available in relation to the property which is the subject of the Report (**Property**);
  - (d) Lotsearch has not undertaken any physical inspection of the property;
  - (e) Lotsearch does not warrant that all land uses or features whether past or current are identified in the Report;
  - (f) the Report does not include any information relating to the actual state or condition of the Property;
  - (g) the Report should not be used or taken to indicate or exclude actual fitness or unfitness of a Property for any particular purpose;
  - (h) the Report should not be relied upon for determining saleability or value or making any other decisions in relation to the Property and in particular should not be taken to be a rating or assessment of the desirability or market value of the property or its features; and
  - (i) the End User should undertake its own inspection s of the Property to satisfy itself that there are no defects or failures.
2. The End User may not make the Report or any copies or extracts of the report or any part of it available to any other person. If End User wishes to provide the Report to any other person or make extracts or copies of the Report, it must contact the purchaser of the Report before doing so to ensure the proposed use is consistent with the contract terms between Lotsearch and the purchaser.
3. Neither Lotsearch (nor any of its officers, employees or agents) nor any of its Third Party Content Suppliers will have any liability to End User or any person to whom End User provides the Report and End User must not represent that Lotsearch or any of its Third Party Content Suppliers accepts liability to any such person or make any other representation to any such person on behalf of Lotsearch or any Third Party Content Supplier.
4. End User must not remove any copyright notices, trade marks, digital rights management information, other embedded information, disclaimers or limitations from the Report or authorise any person to do so.
5. End User acknowledges and agrees that Lotsearch and Third Party Content Suppliers retain ownership of all copyright, patent, design right (registered or unregistered), trade marks (registered or unregistered), database right or other data right, moral right or know how or any other intellectual property right in any Report or any other item, information or data included in or provided as part of a Report.
6. To the extent permitted by law and subject to paragraph 7, all implied terms, representations and warranties whether statutory or otherwise relating to the subject matter of these terms other than as expressly set out in these terms are excluded.
7. Subject to paragraph 8, Lotsearch excludes liability to End User for loss or damage of any kind, however caused, due to Lotsearch's negligence, breach of contract, breach of any law, in equity, under indemnities or otherwise, arising out of all acts, omissions and events whenever occurring.
8. Lotsearch acknowledges that if, under applicable State, Territory or Commonwealth law, End User is a consumer certain rights may be conferred on End User which cannot be excluded, restricted or modified. If so, and if that law applies to Lotsearch, then, Lotsearch's liability is limited to the greater of an amount equal to the cost of resupplying the Report and the maximum extent permitted under applicable laws.
9. Subject to paragraph 7, neither Lotsearch nor the End User is liable to the other for any indirect, incidental, consequential, special or exemplary damages arising out of or in relation to these terms.
10. These terms are subject to New South Wales law.



# Lotsearch



## **Environmental Risk and Planning Report**

**OSAR Proposed Road Alignments - Site 26 (Section 10)**

**Report Buffer: 150m**

**Report Date: 09 Feb 2017 15:25:50**

**Disclaimer:**

The purpose of this report is to provide an overview of some of the site history, environmental risk and planning information available, affecting an individual address or geographical area in which the property is located. It is not a substitute for an on-site inspection or review of other available reports and records. It is not intended to be, and should not be taken to be, a rating or assessment of the desirability or market value of the property or its features.

You should obtain independent advice before you make any decision based on the information within the report.

The detailed terms applicable to use of this report are set out at the end of this report.

## Table of Contents

|                                       |    |
|---------------------------------------|----|
| Location Confidences.....             | 2  |
| Dataset Listings .....                | 3  |
| Site Location Aerial .....            | 5  |
| Topographic Features.....             | 6  |
| Elevation Contours.....               | 7  |
| EPA Records.....                      | 8  |
| Waste Management Facilities .....     | 11 |
| Historical Business Activities.....   | 12 |
| Historical Aerial Imagery & Maps..... | 14 |
| Features of Interest .....            | 21 |
| Hydrogeology & Groundwater.....       | 23 |
| Groundwater Boreholes .....           | 24 |
| Geology.....                          | 29 |
| Coastal Acid Sulfate Soils .....      | 32 |
| Planning Zones .....                  | 34 |
| Planning Overlays .....               | 36 |
| Cultural Heritage Sensitivity.....    | 38 |
| Natural Hazards .....                 | 40 |
| Ecological Constraints.....           | 42 |
| Terms & Conditions.....               | 44 |

## Location Confidences

Where Lotsearch has had to georeference features from supplied addresses, a location confidence has been assigned to the data record. This indicates a confidence to the positional accuracy of the feature. Where applicable, a code is given under the field heading "LocConf". These codes lookup to the following location confidences:

| LC Code | Location Confidence   |
|---------|---|
| 1       | Georeferenced to the site location / premise or part of site      |
| 2       | Georeferenced with the confidence of the general/approximate area |
| 3       | Georeferenced to the road or rail                                 |
| 4       | Georeferenced to the road intersection                            |
| 5       | Feature is a buffered point                                       |
| 6       | Land adjacent to Georeferenced Site                               |
| 7       | Georeferenced to a network of features                            |

## Dataset Listing

Datasets contained within this report, detailing their source and data currency:

| Dataset Name  | Custodian   | Supply Date | Currency Date | Update Frequency | No. Features Onsite | No. Features within 100m | No. Features in Buffer |
|---|---|-------------|---------------|------------------|---------------------|--------------------------|------------------------|
| Topographic and Cadastre data   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 06/02/2017  | 06/02/2017    | Quarterly        | -                   | -                        | -                      |
| Current Priority Sites  | Environment Protection Authority (Vic)  | 06/02/2017  | 31/12/2016    | Monthly          | 0                   | 0                        | 0                      |
| Former Priority Sites & other Pollution Notices                           | Environment Protection Authority (Vic)  | 06/02/2017  | 05/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| EPA Environmental Audit Reports   | Environment Protection Authority (Vic)  | 06/02/2017  | 24/11/2016    | Monthly          | 0                   | 0                        | 0                      |
| Groundwater Zones with Restricted Uses                                    | Environment Protection Authority (Vic)  | 06/02/2017  | 27/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Licensed Activities   | Environment Protection Authority (Vic)  | 06/02/2017  | 29/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Former Licensed Activities  | Environment Protection Authority (Vic)  | 06/02/2017  | 29/01/2017    | Monthly          | 0                   | 0                        | 0                      |
| Works Approvals   | Environment Protection Authority (Vic)  | 06/02/2017  | 06/02/2017    | Monthly          | 0                   | 0                        | 0                      |
| National Waste Management Site Database                                   | Geoscience Australia  | 06/02/2017  | 15/11/2012    | Quarterly        | 0                   | 0                        | 0                      |
| Statewide Waste and Resource Recovery Infrastructure Plan Facilities      | State Government Victoria - Department of Sustainability                                      | 27/11/2014  | 31/12/2012    | None planned     | 0                   | 0                        | 0                      |
| EPA Prescribed Industrial Waste   | Environment Protection Authority (Vic)  | 04/01/2017  | 04/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| UBD Business to Business Directory 1991                                   | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business to Business Directory 1991 - Garages & Service Stations      | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business Directory 1980   | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| UBD Business Directory 1980 Drycleaners, Motor Garages & Service Stations | Hardie Grant  |             |               | Not required     | 0                   | 0                        | 0                      |
| Features of Interest  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 03/02/2017  | 27/01/2017    | Quarterly        | 0                   | 3                        | 3                      |
| Hydrogeology Map of Australia   | Commonwealth of Australia (Geoscience Australia)  | 08/10/2014  | 17/03/2000    | As required      | 1                   | 1                        | 1                      |
| Groundwater Salinity  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 29/08/2012    | Unknown          | 1                   | -                        | -                      |
| Depth to Watertable   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 29/08/2012    | Unknown          | 1                   | -                        | -                      |
| Surface Elevation   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 23/09/2013    | Unknown          | 1                   | -                        | -                      |
| Basement Elevation  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 14/08/2015  | 23/09/2013    | Unknown          | 1                   | -                        | -                      |
| Groundwater Boreholes WMIS  | State Government Victoria - Department of Environment, Land, Water & Planning                 | 29/04/2016  | 28/04/2016    | Annually         | 1                   | 3                        | 38                     |
| Groundwater Boreholes Earth Resources Database                            | The State of Victoria, Department of Economic Development, Jobs, Transport and Resources      | 29/04/2016  | 17/02/2010    | As required      | 2                   | 3                        | 11                     |
| Groundwater Boreholes Fed Uni   | Federation University Australia   | 29/04/2016  | 07/01/2014    | As required      | 0                   | 0                        | 0                      |
| Geological Units 1:250,000  | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 1                   | -                        | 2                      |
| Geological Structures 1:250,000   | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 0                   | -                        | 0                      |
| Shear zones 250k  | State Government Victoria - Department of Economic Development, Jobs, Transport and Resources | 13/01/2015  | 24/06/2014    | Unknown          | 0                   | -                        | 0                      |
| Coastal Acid Sulfate Soils  | The State of Victoria, Department of Economic Development, Jobs, Transport and Resources      | 15/07/2016  | 30/03/2011    | None planned     | 1                   | 1                        | 1                      |
| Planning Scheme Zones   | State Government Victoria - Department of Environment, Land, Water & Planning                 | 27/01/2017  | 27/01/2017    | Quarterly        | 1                   | 5                        | 5                      |

| Dataset Name  | Custodian  | Supply Date | Currency Date | Update Frequency | No. Features Onsite | No. Features within 100m | No. Features in Buffer |
|---|--|-------------|---------------|------------------|---------------------|--------------------------|------------------------|
| Planning Scheme Overlay   | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 3                        | 3                      |
| Cultural Heritage Sensitivity                                   | State Government Victoria - Department of Planning and Community Development           | 03/02/2017  | 27/01/2017    | Quarterly        | 1                   | 1                        | 1                      |
| Bushfire Prone Area   | State Government Victoria - Department of Transport, Planning and Local Infrastructure | 27/01/2017  | 27/01/2017    | Quarterly        | 1                   | 1                        | 1                      |
| Fire History  | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| Flood - 1 in 100 Year Modelled Flood Extent                     | State Government Victoria - Department of Environment, Land, Water & Planning          | 27/01/2017  | 27/01/2017    | Quarterly        | 0                   | 0                        | 0                      |
| Native Vegetation (Modelled 2005 Ecological Vegetation Classes) | State Government Victoria - Department of Environment, Land, Water & Planning          | 13/01/2015  | 31/12/2005    | None planned     | 1                   | 1                        | 1                      |
| RAMSAR Wetlands   | State Government Victoria - Department of Environment, Land, Water & Planning          | 13/01/2015  | 24/06/2013    | None planned     | 0                   | 0                        | 0                      |

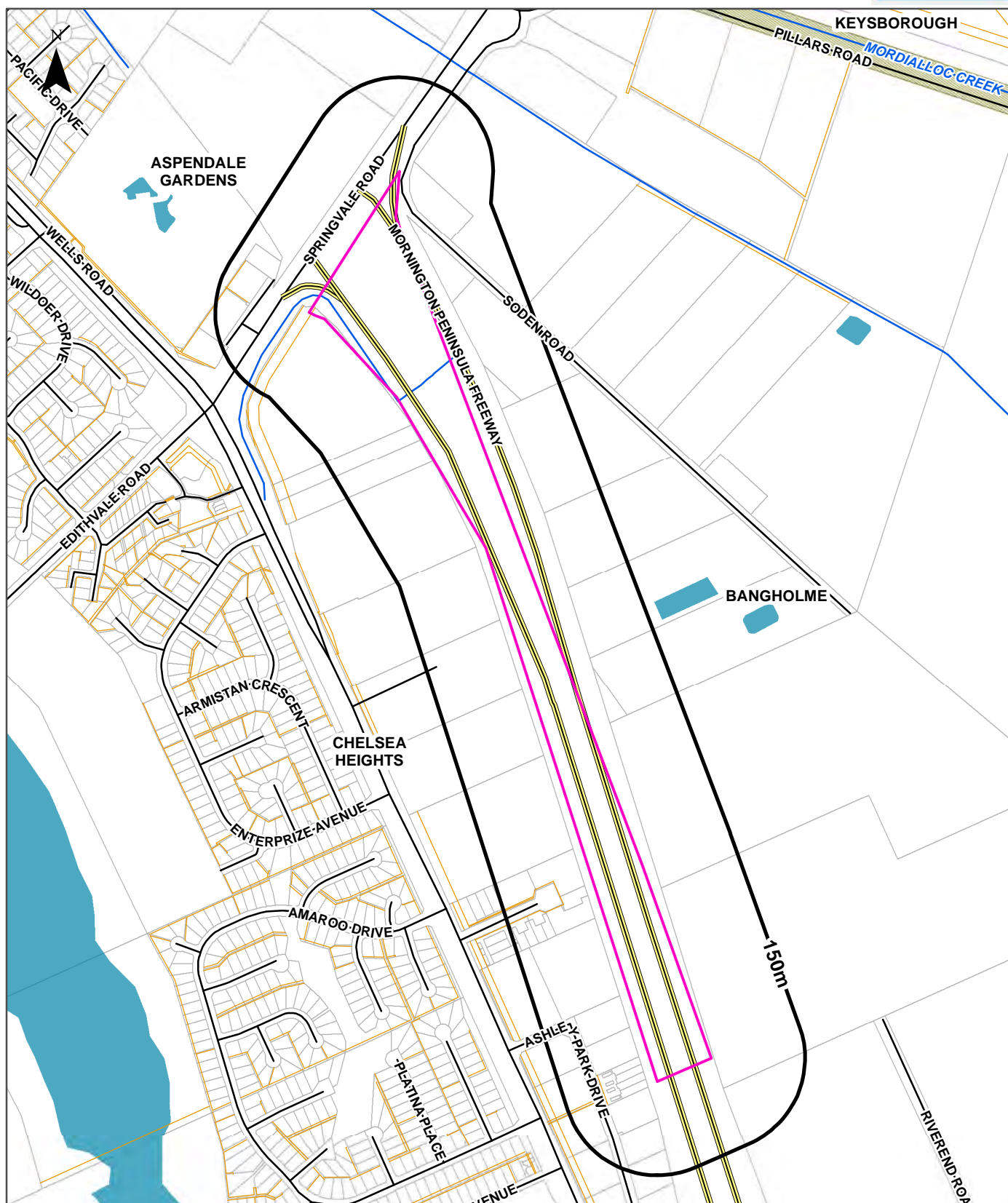






# Topographic Data

## OSAR Proposed Road Alignments - Site 26 (Section 10)



### Legend

- |                     |                            |               |                           |             |
|---------------------|----------------------------|---------------|---------------------------|-------------|
| Site Boundary       | Water Area                 | Major Road    | Railway                   | Watercourse |
| Report Buffer       | Crown or Commonwealth Land | Road          | Light Rail                | Easement    |
| Property Boundaries | Statewide Forest           | Track/Pathway | Rail - Underground/Tunnel |             |

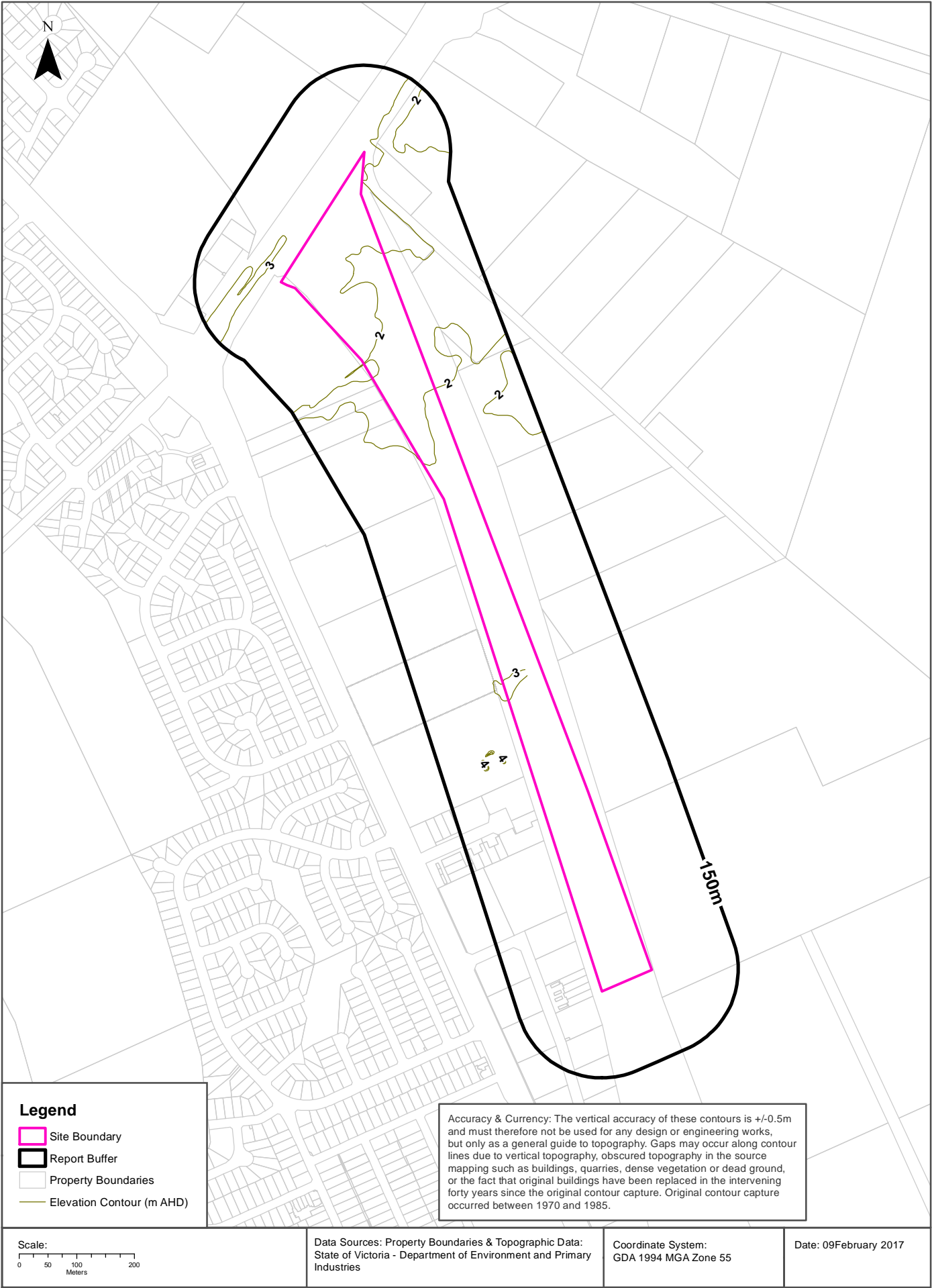
Scale:  
0 50 100 200  
Meters

Data Sources: Property Boundaries & Topographic Data:  
State of Victoria - Department of Environment and Primary  
Industries

Coordinate System:  
GDA 1994 MGA Zone 55

Date: 09 February 2017

Elevation Contours (m AHD)  
OSAR Proposed Road Alignments - Site 26 (Section 10)



## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## Current EPA Priority Sites Register

What sites on the current EPA priority sites register exist within the report buffer?

| Notice No | Address              | Suburb | Issue | Loc Conf | Dist (m) | Direction |
|-----------|----------------------|--------|-------|----------|----------|-----------|
| N/A       | No records in buffer |        |       |          |          |           |

Priority Sites Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Former EPA Priority Sites & Other Pollution Notices

What sites within the report buffer have been issued a Pollution Notice?

**Note. Due to pollution notices being revoked and removed from published lists this is not an exhaustive list of all past pollution notices.**

| Notice No | Notice Type          | Company | Address | Suburb | Status | Issue | Date Issued | Loc Conf | Dist | Dir |
|-----------|----------------------|---------|---------|--------|--------|-------|-------------|----------|------|-----|
| N/A       | No records in buffer |         |         |        |        |       |             |          |      |     |

Pollution Notice Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)



## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## EPA Environmental Audits

What EPA environmental audit records exist within the report buffer?

Note. Please click on CARMS No. to activate a hyperlink to online documentation. If link does not work, documentation may still be accessible via the EPA Interaction Portal.

| CARMS No | Transaction No       | Site | Address | Suburb | Date Complete | Loc Conf | Distance | Direction |
|----------|----------------------|------|---------|--------|---------------|----------|----------|-----------|
| N/A      | No records in buffer |      |         |        |               |          |          |           |

Environmental Audit Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Groundwater Zones with Restricted Uses

What EPA GQRUZ exist within the report buffer?

Note. Please click on CARMS No. to activate a hyperlink to online documentation.

| CARMS No | EPA Id               | Site History | Site Address | Restricted Uses | Loc Conf | Distance | Direction |
|----------|----------------------|--------------|--------------|-----------------|----------|----------|-----------|
| N/A      | No records in buffer |              |              |                 |          |          |           |

Environmental GQRUZ Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Records

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## EPA Licensed Activities

What EPA licensed activities exist within the report buffer?

| Trans No | Licence No           | Licence Type | Organisation | Premise Ref | Premise Address 1 | Premise Address 2 | Activities | Loc Conf | Dist (m) | Direction |
|----------|----------------------|--------------|--------------|-------------|-------------------|-------------------|------------|----------|----------|-----------|
| N/A      | No records in buffer |              |              |             |                   |                   |            |          |          |           |

Licensed Activity Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Former EPA Licensed Activities

What former EPA licensed activities exist within the report buffer?

| Licence No | Organisation         | Premise Address | Suburb | Activities | Loc Conf | Dist (m) | Direction |
|------------|----------------------|-----------------|--------|------------|----------|----------|-----------|
| N/A        | No records in buffer |                 |        |            |          |          |           |

Former Licensed Activity Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## EPA Works Approvals

What EPA works approvals exist within the report buffer?

| Transaction No | Status               | Approval No | Organisation | Premise Address | Suburb | Scheduled Categories | Loc Conf | Dist (m) | Direction |
|----------------|----------------------|-------------|--------------|-----------------|--------|----------------------|----------|----------|-----------|
| N/A            | No records in buffer |             |              |                 |        |                      |          |          |           |

Works Approvals Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Waste Management Facilities

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## National Waste Management Site Database

Sites on the National Waste Management Site Database within the report buffer:

| Site Id | Owner                | Name | Address | Suburb | Postcode | Landfill | Reprocess | Transfer | Loc Conf | Dist (m) | Direction |
|---------|----------------------|------|---------|--------|----------|----------|-----------|----------|----------|----------|-----------|
| N/A     | No records in buffer |      |         |        |          |          |           |          |          |          |           |

Waste Management Facilities Data Source: Australian Government Geoscience Australia  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Statewide Waste and Resource Recovery Infrastructure Plan Facilities

Statewide Waste and Resource Recovery Infrastructure Plan Facilities within the report buffer:

| Map Id | Owner                | Site Name | Address | Suburb | Category | Sub Category | Loc Conf | Distance | Direction |
|--------|----------------------|-----------|---------|--------|----------|--------------|----------|----------|-----------|
| N/A    | No records in buffer |           |         |        |          |              |          |          |           |

SWRRIPF Data Source: State Government Victoria - Department of Sustainability

## EPA Prescribed Industrial Waste

EPA Prescribed industrial waste sites within the report buffer:

| Map Id | Company Name         | Address | Suburb | Treatment /Disposal | Transport | Accredited Agent | EPA List Status | Loc Conf | Dist (m) | Direct |
|--------|----------------------|---------|--------|---------------------|-----------|------------------|-----------------|----------|----------|--------|
| N/A    | No records in buffer |         |        |                     |           |                  |                 |          |          |        |

Prescribed Industrial Waste Data Custodian: State Government Victoria - Environmental Protection Authority (EPA)

## Historical Business Directories

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## 1991 Business to Business Directory Records

1991 UBD Business Directory Records within 150m of the site:

| Activity | Organisation         | Address | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

## 1991 Business to Business Directory Garages & Service Stations

1991 UBD Business Directory Garages & Service Stations within 1km of the site:

| Activity | Organisation         | Address | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant



## Historical Business Directories

### OSAR Proposed Road Alignments - Site 26 (Section 10)

#### 1980 Business Directory Records

1980 UBD Business Directory Records within 150m of the site:

| Activity | Premise              | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant

#### 1980 Business Directory Drycleaners, Garages & Service Stations

Drycleaners, Garages & Service Stations from the 1980 UBD Business Directory within 1km of the site:

| Activity | Premise              | Ref No. | Location Confidence | Distance | Direction |
|----------|----------------------|---------|---------------------|----------|-----------|
| N/A      | No records in buffer |         |                     |          |           |

Business Directory Content Derived from Universal Business Directories (UBD) - Licensed from Hardie Grant



# Aerial Imagery 2009

## OSAR Proposed Road Alignments - Site 26 (Section 10)





## Aerial Imagery 2005

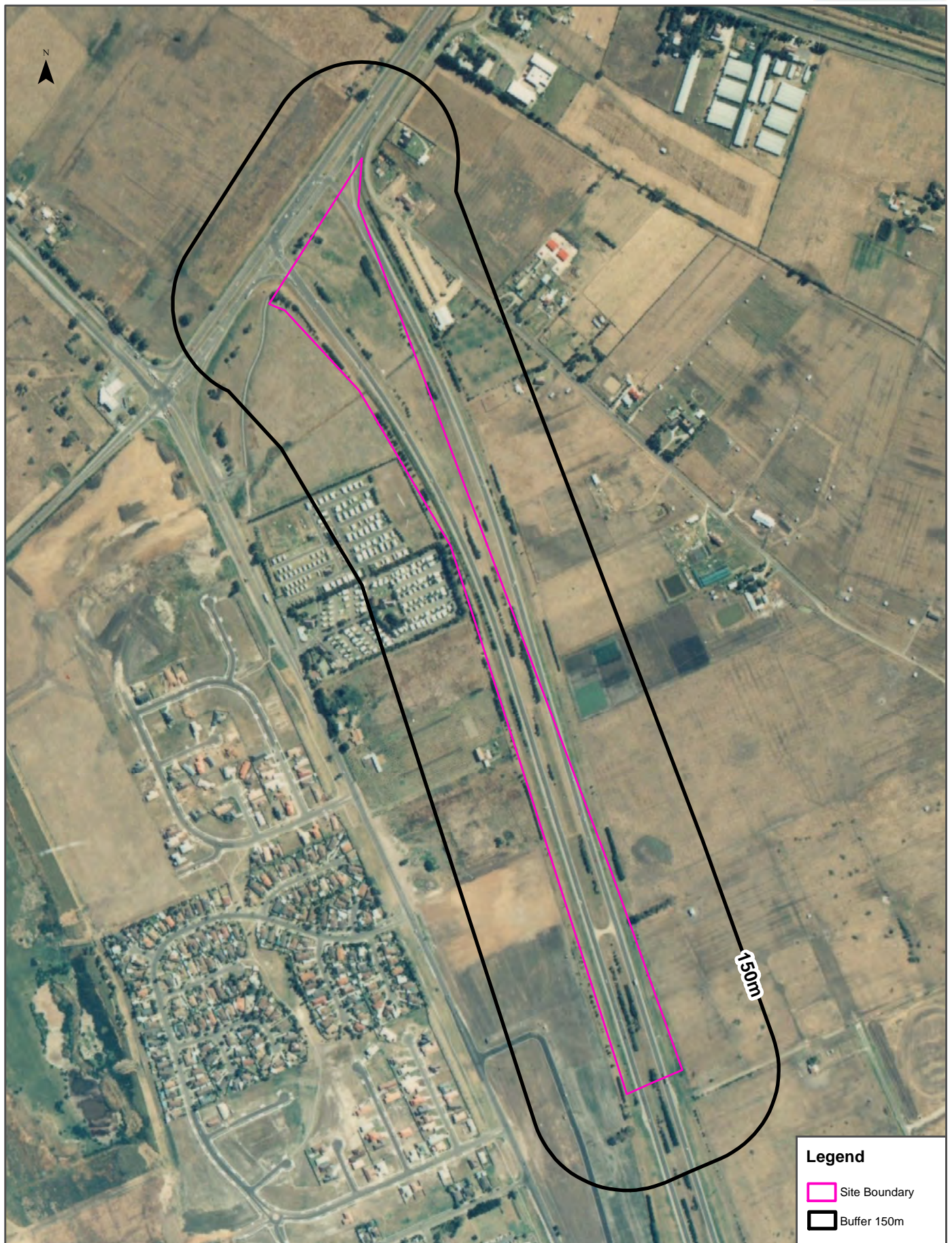
### OSAR Proposed Road Alignments - Site 26 (Section 10)





## Aerial Imagery 1990

OSAR Proposed Road Alignments - Site 26 (Section 10)



Scale:

0 75 150 300  
Meters

Data Sources: Historical Aerials: © Department of Environment & Primary Industries (Vicmap Topographic Mapping Program)

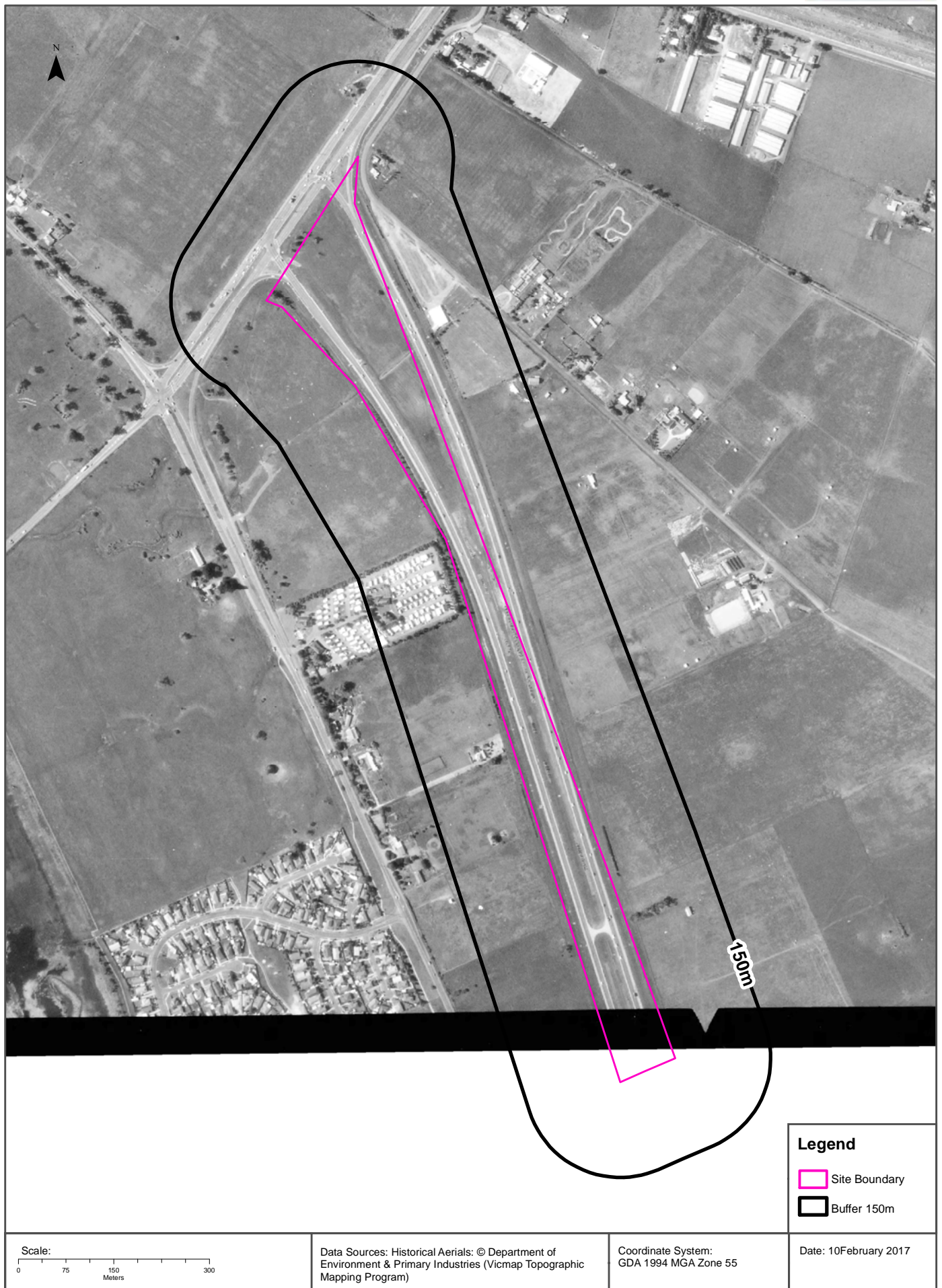
Coordinate System:  
GDA 1994 MGA Zone 55

Date: 09February, 2017



# Aerial Imagery 1985

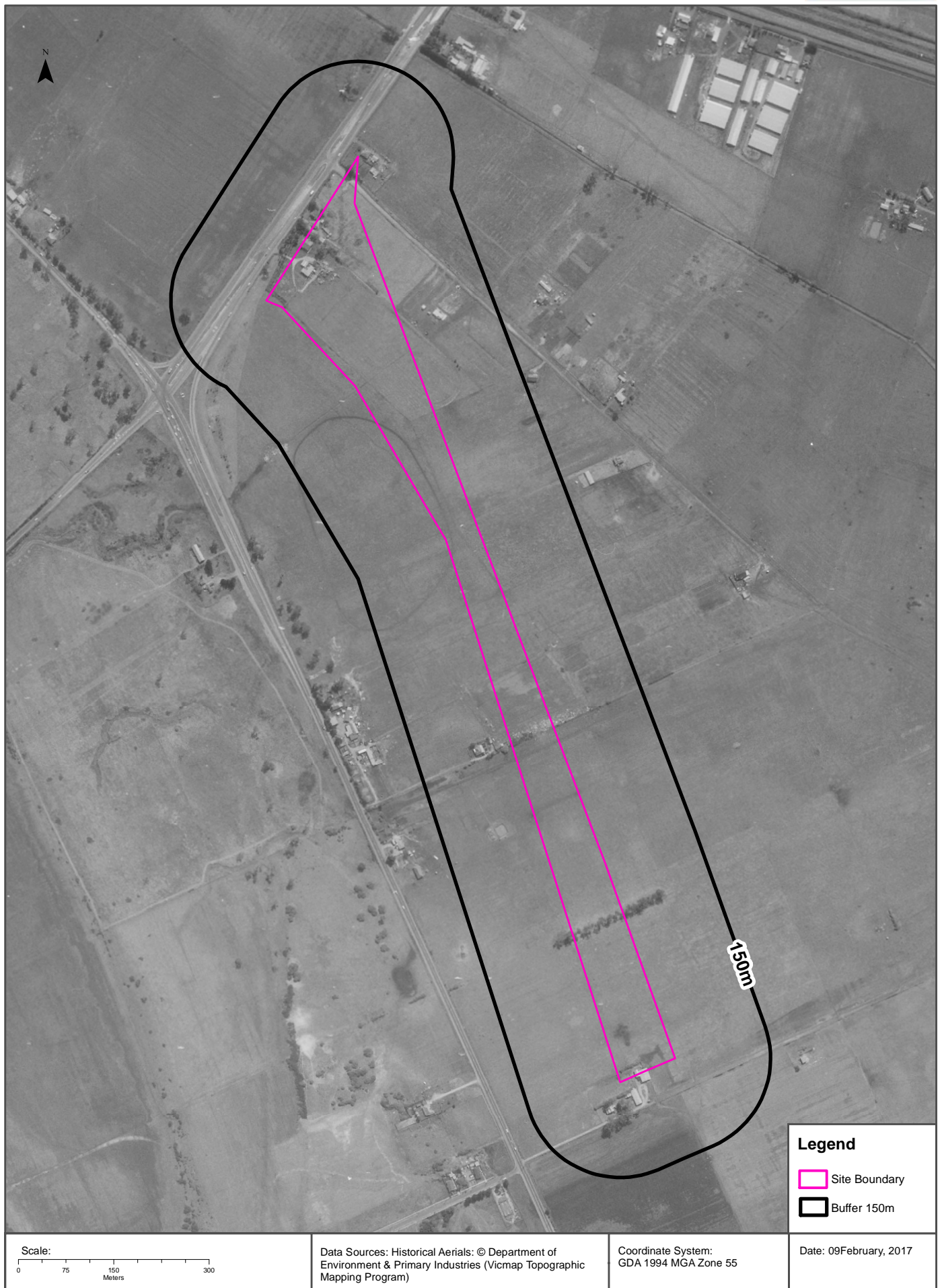
OSAR Proposed Road Alignments - Site 26 (Section 10)





## Aerial Imagery 1974

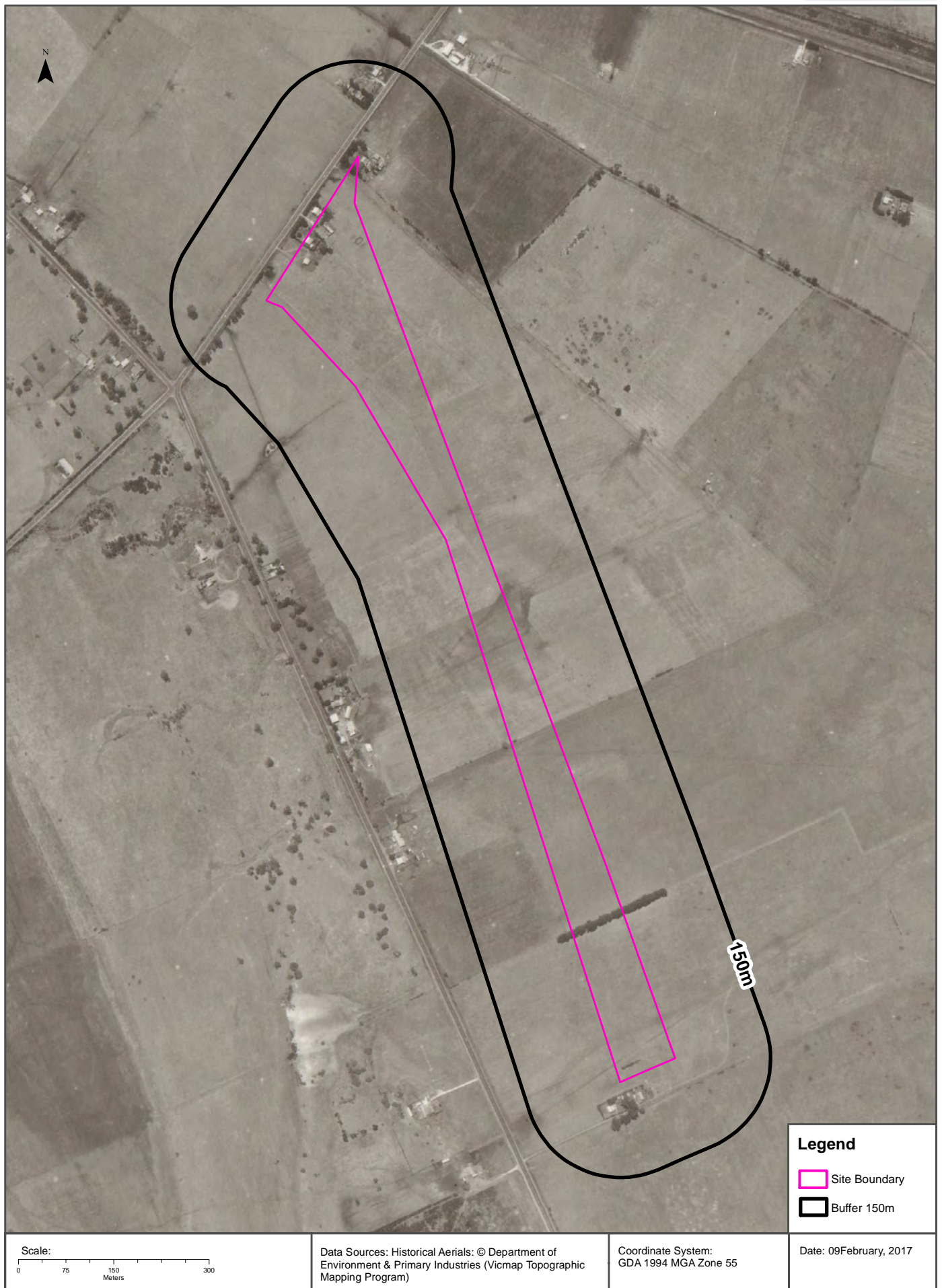
### OSAR Proposed Road Alignments - Site 26 (Section 10)





## Aerial Imagery 1962

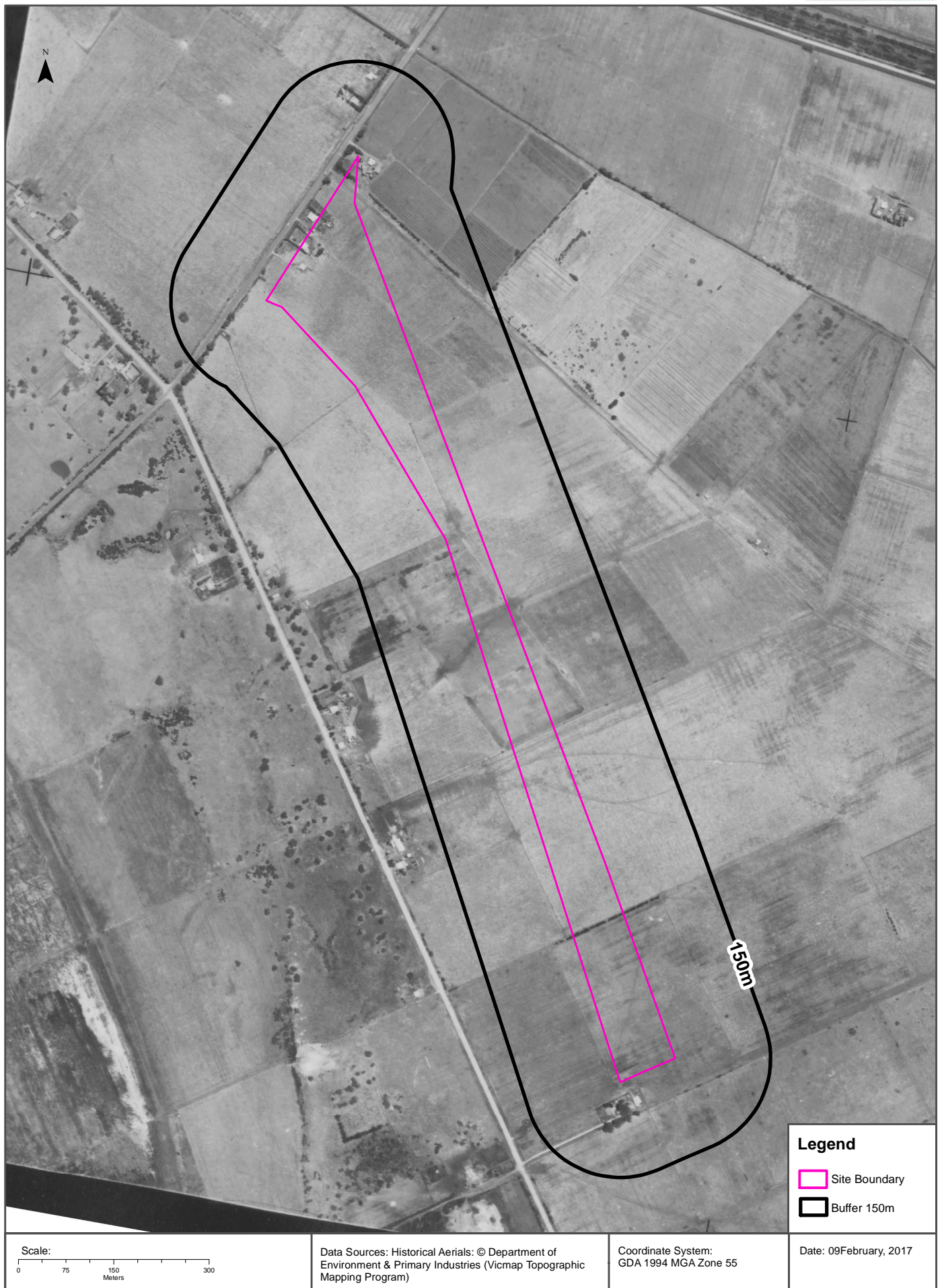
OSAR Proposed Road Alignments - Site 26 (Section 10)





## Aerial Imagery 1951

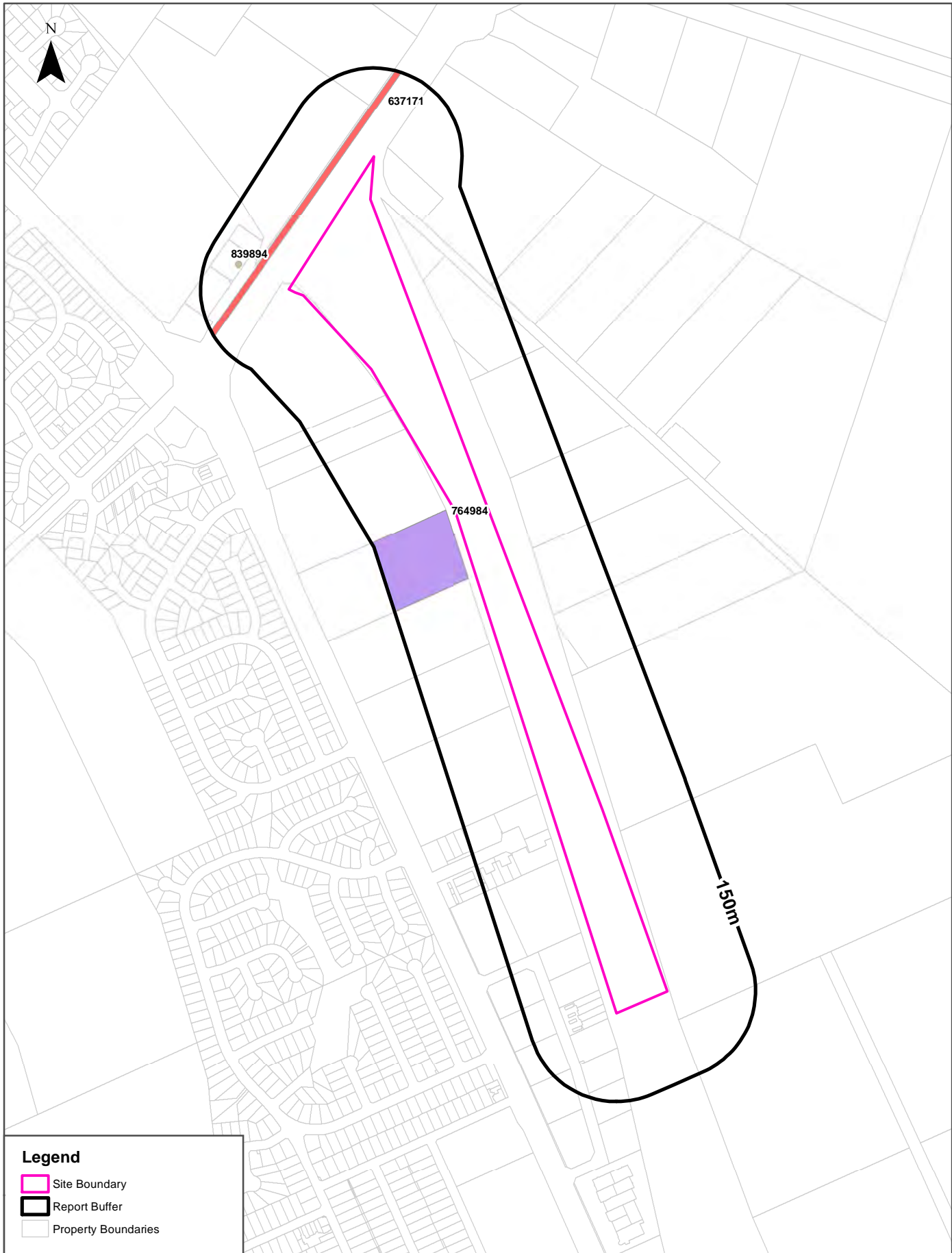
OSAR Proposed Road Alignments - Site 26 (Section 10)





Features of Interest

OSAR Proposed Road Alignments - Site 26 (Section 10)



**Legend**

- Site Boundary
- Report Buffer
- Property Boundaries

|                                  |   |  |                        |
|----------------------------------|---|--|------------------------|
| Scale:<br>0 50 100 200<br>Meters | Data Sources: Property Boundaries & Topographic Data:<br>State of Victoria - Department of Environment and Primary Industries | Coordinate System:<br>GDA 1994 MGA Zone 55 | Date: 09 February 2017 |
|----------------------------------|---|--|------------------------|

## Features of Interest

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## Features of Interest

Features of Interest within 1km of the site:

| Feature Id | Feature Type    | Feature Sub Type | Name                                       | Distance | Direction  |
|------------|-----------------|------------------|--|----------|------------|
| 764984     | community space | caravan park     | South East Holiday Village                 | 12m      | West       |
| 637171     | pipeline        | gas pipeline     | Dandenong - Edithvale                      | 45m      | North East |
| 839894     | care facility   | child care       | Goodstart Early Learning Aspendale Gardens | 91m      | North West |

Features of Interest Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Hydrogeology & Groundwater

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## Hydrogeology

Description of aquifers within report buffer:

| Description                                  | Distance | Direction |
|--|----------|-----------|
| Porous, extensive highly productive aquifers | 0m       | Onsite    |

Hydrogeology Map of Australia: Commonwealth of Australia (Geoscience Australia)

Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Groundwater Salinity

On-site Groundwater Salinity:

| Groundwater Salinity | Percent Of Site Area |
|----------------------|----------------------|
| 3,500 - 7,000 mg/l   | 100                  |

## Depth to Watertable

On-site Depth to Watertable:

| Depth to Watertable | Percent Of Site Area |
|---------------------|----------------------|
| Less than 5 metres  | 100                  |

## Surface Elevation

Approximate on-site Surface Elevation:

| Surface Elevation |
|-------------------|
| 2 AHDm to 3 AHDm  |

## Basement Elevation

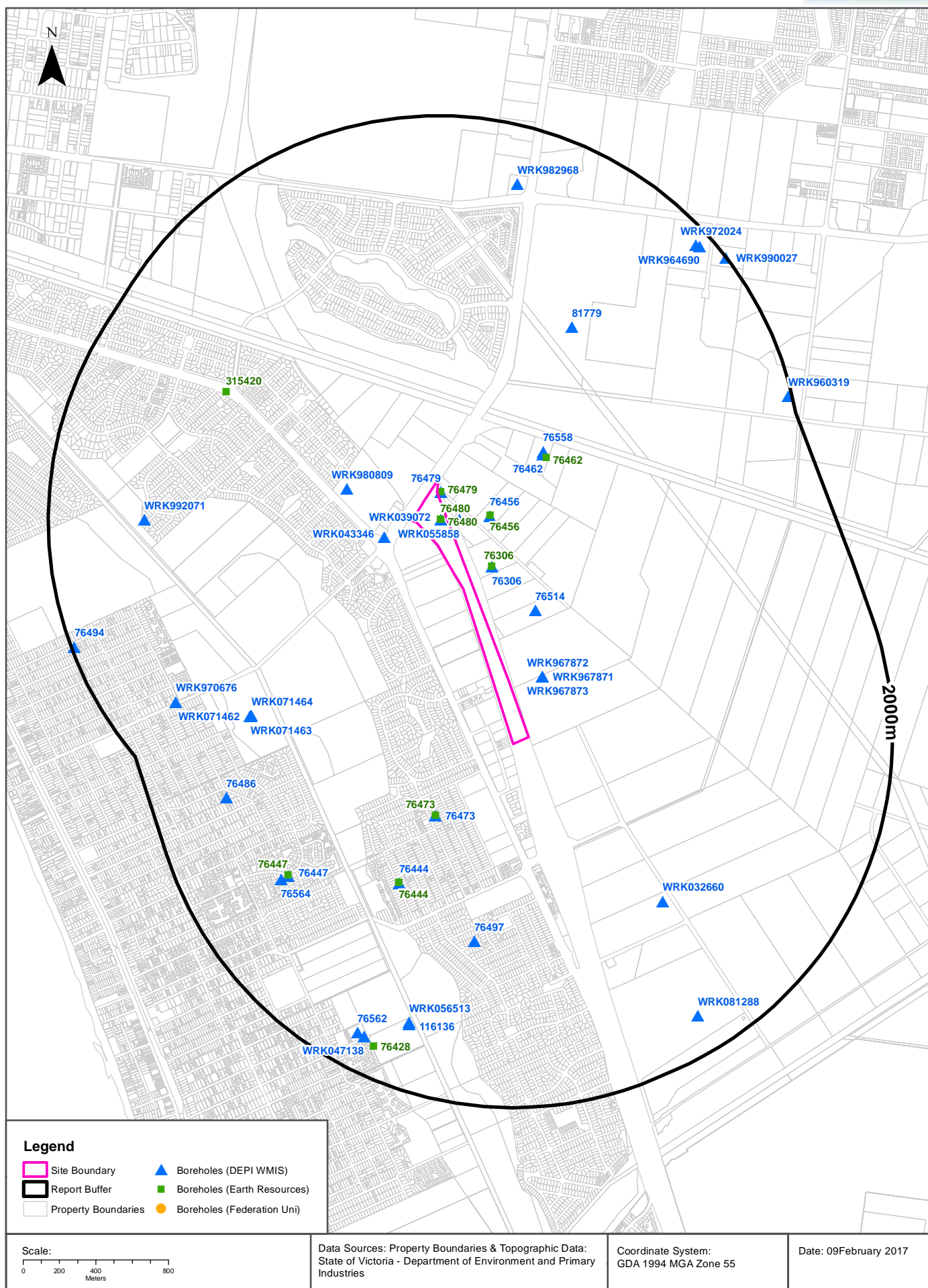
Approximate on-site Basement Elevation:

| Basement Elevation - Basement Rocks comprise Lower Palaeozoic basement rocks that form the highlands and the crystalline basement; and Mesozoic rocks of the Otway and Gippsland basins both outcropping and subsurface |
|---|
| -64 AHDm to -52 AHDm  |

Groundwater Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning

Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## OSAR Proposed Road Alignments - Site 26 (Section 10)





## Groundwater Boreholes

### OSAR Proposed Road Alignments - Site 26 (Section 10)

### Boreholes (DEPI WMIS)

Boreholes from the Department of Environment and Primary Industries' Water Measurement Information System, within the report buffer:

| Bore Id   | Use Type                    | Drillers Log  | Construction  | Latest Water Levels | Geology            | Completed Date | Dist (m) | Dir        |
|-----------|-----------------------------|---|---|---------------------|--------------------|----------------|----------|------------|
| WRK039072 | Domestic, Irrigation, Stock | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-18.00m SANDY CLAY<br>18.00m-22.00m SAND (MEDIUM)<br>22.00m-24.38m CLAY (IRONSTONE BANDS)   | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-21.34m INNER LINING - SCREEN = Pvc<br>21.34m-24.38m INNER LINING - CASING = Pvc  |                     | 18.29m-21.34m Sand | 1986-01-09     | 0        | Onsite     |
| 76479     | Domestic                    | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-12.00m SANDY CLAY<br>12.00m-19.00m SAND (MEDIUM)<br>19.00m-24.38m CLAY IRONSTONE BANDS   | 0.00m-12.19m INNER LINING - CASING = Pvc Class 9<br>12.19m-18.29m INNER LINING - SCREEN = Pvc Class 9<br>18.29m-24.38m INNER LINING - CASING = Pvc Class 9  |                     | 12.19m-18.29m Sand | 1986-01-11     | 20       | North      |
| WRK055858 | Irrigation                  |   |   |                     |                    |                | 61       | North      |
| 76306     | Domestic                    | 0.00m-3.00m BLACK CLAY<br>3.00m-11.00m YELLOW CLAY<br>11.00m-18.00m SANDY CLAY<br>18.00m-24.38m SAND (MEDIUM)   | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-24.38m INNER LINING - SCREEN = Pvc   |                     | 18.29m-24.38m Sand | 1986-01-13     | 136      | North East |
| WRK043346 |                             |   |   |                     |                    |                | 175      | North West |
| WRK967873 | Groundwater Investigation   | 0.00m-1.20m CLAY<br>1.20m-4.20m SILTY SANDY CLAY, BLACK<br>4.20m-5.20m SANDY CLAY, DARK BROWN<br>5.20m-6.20m SILTY CLAY   | 0.00m-2.60m INNER LINING - CASING = Pvc Class 18<br>2.60m-6.20m INNER LINING - SLOT = Pvc Class 18<br>0.00m-0.50m OUTER LINING - GRAVEL = Cement<br>0.50m-1.20m OUTER LINING - GRAVEL = Seal<br>1.20m-2.10m OUTER LINING - GRAVEL = Bentonite<br>2.10m-6.20m OUTER LINING - GRAVEL = Gravel |                     |                    | 2004-12-10     | 181      | South East |
| WRK967872 | Groundwater Investigation   | 0.00m-0.20m ORGANIC MATTER<br>0.20m-0.50m SAND - BROWN<br>0.50m-9.00m SANDY CLAY, GREY  | 0.00m-4.50m INNER LINING - CASING = Pvc Class 18<br>4.50m-9.00m INNER LINING - SLOT = Pvc Class 18<br>0.00m-0.50m OUTER LINING - GRAVEL = Cement<br>0.50m-4.00m OUTER LINING - GRAVEL = Seal<br>4.00m-5.00m OUTER LINING - GRAVEL = Bentonite<br>5.00m-9.00m OUTER LINING - GRAVEL = Gravel |                     |                    | 2004-11-26     | 181      | South East |
| WRK967871 | Groundwater Investigation   | 0.00m-0.20m ORGANIC MATTER<br>0.20m-0.40m CLAYEY SAND<br>0.40m-7.50m SANDY CLAY, GREY   | 0.00m-4.50m INNER LINING - CASING = Pvc Class 18<br>4.50m-7.50m INNER LINING - SLOT = Pvc Class 18<br>0.00m-0.50m OUTER LINING - GRAVEL = Cement<br>0.50m-3.50m OUTER LINING - GRAVEL = Seal<br>3.50m-4.00m OUTER LINING - GRAVEL = Bentonite<br>4.00m-7.50m OUTER LINING - GRAVEL = Gravel |                     |                    | 2004-11-26     | 181      | South East |
| 76456     | Domestic, Stock             | 0.00m-3.00m BLACK CLAY<br>3.00m-9.00m YELLOW CLAY<br>9.00m-12.00m SANDY CLAY<br>12.00m-18.00m SAND (MEDIUM)<br>18.00m-22.25m CLAY WITH IRONSTONE BANDS                                      | 0.00m-12.19m INNER LINING - CASING = Pvc<br>12.19m-18.29m INNER LINING - SCREEN = Pvc<br>18.29m-22.25m INNER LINING - CASING = Pvc  |                     | 12.19m-18.29m Sand | 1983-11-23     | 226      | North      |
| 76514     | Domestic                    | 0.00m-3.00m STILL BLACK CLAY<br>3.00m-6.00m YELLOW BROWN SANDY CLAY<br>6.00m-9.50m YELLOW BROWN LOOSE SAND<br>9.50m-14.00m YELLOW BROWN SANDY CLAY<br>14.00m-20.00m YELLOW BROWN LOOSE SAND | 0.00m-12.50m INNER LINING - CASING = Not Known<br>12.50m-18.30m INNER LINING - SCREEN = Not Known<br>40.00m-0.00m OUTER LINING - GRAVEL = Not Known   |                     | 12.50m-18.30m Sand | 1990-02-27     | 275      | East       |
| WRK980809 |                             |   |   |                     |                    |                | 396      | North West |

| Bore Id   | Use Type                         | Drillers Log  | Construction  | Latest Water Levels | Geology                              | Completed Date | Dist (m) | Dir        |
|-----------|----------------------------------|---|---|---------------------|--------------------------------------|----------------|----------|------------|
| 76473     | Domestic                         | 0.00m-0.91m BLACK TOP SOIL<br>0.91m-3.00m YELLOW FINE SAND<br>3.00m-6.10m COARSE SAND CLEAN   | 0.00m-5.44m INNER LINING - CASING = Not Known<br>5.44m-6.10m INNER LINING - SCREEN = Not Known  |                     | 5.44m-6.10m Sand                     | 1983-08-07     | 580      | South      |
| 76462     | Agro Industries, Domestic, Stock | 0.00m-2.44m BLACK TOPSOIL<br>2.44m-3.00m GREY CLAY<br>3.00m-12.19m RED CLAY<br>12.19m-18.29m GREY SANDY CLAY<br>18.29m-21.34m COARSE SAND   | 0.00m-18.29m INNER LINING - CASING = Pvc<br>18.29m-21.34m INNER LINING - SCREEN = Pvc   |                     | 18.29m-21.34m Sand                   | 1982-12-27     | 591      | North East |
| 76558     | Not Known                        |   |   |                     |                                      | 1988-01-01     | 597      | North East |
| 76444     | Domestic                         | 0.00m-0.61m BLACK LOAM SAND TOP SOIL<br>0.61m-2.40m BLACK GREY SAND<br>2.40m-3.61m GREY COARSE SAND   | 0.00m-2.74m INNER LINING - CASING = Pvc<br>2.74m-3.61m INNER LINING - SCREEN = Pvc  |                     | 2.74m-3.61m Sand                     | 1983-11-09     | 987      | South      |
| 76497     | Domestic                         | 0.00m-3.00m SAND  | 0.00m-2.20m INNER LINING - CASING = Galvanised Iron<br>2.20m-3.00m INNER LINING - SCREEN = Galvanised Iron  |                     | 2.20m-3.00m Sand                     | 1984-12-31     | 1104     | South      |
| 81779     | Not Known                        | 0.00m-0.70m SANDY LOAM<br>0.70m-3.00m GREY CLAYEY SAND<br>3.00m-10.00m ORANGE SANDS<br>10.00m-14.00m GREY SANDS<br>14.00m-17.50m BLACK SANDS  | 0.00m-10.50m INNER LINING - CASING = Pvc<br>10.50m-16.50m INNER LINING - SCREEN = Pvc<br>16.50m-17.50m INNER LINING - CASING = Pvc<br>8.50m-17.50m OUTER LINING - GRAVEL = Not Known  |                     | 10.50m-16.50m Sand                   | 1988-12-08     | 1115     | North      |
| WRK032660 | Irrigation                       | 0.00m-0.30m TOPSOIL<br>0.30m-1.80m DARK GREY CLAY<br>1.80m-3.50m YELLOW CLAY<br>3.50m-19.00m YELLOW & GREY CLAY<br>19.00m-22.00m BLACK SILT<br>22.00m-25.60m DECOMPOSED BASALT<br>25.60m-51.00m COROL SHELL & LAYERS OF SANDSTONE<br>51.00m-56.00m BASALT & HONEYCOMB | -0.50m-26.00m INNER LINING - CASING = Pvc<br>26.00m-51.00m INNER LINING - CASING = Pvc<br>51.00m-56.00m INNER LINING - SCREEN = Pvc   |                     |                                      | 1998-07-08     | 1164     | South East |
| WRK071464 | Observation                      |   |   |                     |                                      | 2012-10-11     | 1322     | South West |
| WRK071463 | Observation                      |   |   |                     |                                      | 2012-10-11     | 1327     | South West |
| WRK071462 | Observation                      |   |   |                     |                                      | 2012-10-11     | 1328     | South West |
| WRK071461 | Observation                      | 0.00m-0.60m SOIL<br>0.60m-7.30m SAND  | 0.00m-3.00m INNER LINING - CASING = Pvc<br>3.00m-7.50m INNER LINING - SCREEN = Pvc<br>0.00m-0.10m OUTER LINING - GRAVEL = Cement<br>0.10m-3.00m OUTER LINING - GRAVEL = Bentonite<br>3.00m-7.50m OUTER LINING - GRAVEL = Gravel |                     | 3.00m-7.50m Sand                     | 2012-10-11     | 1328     | South West |
| 76447     | Domestic                         | 0.00m-1.83m BLACK CLAY BUILT UP GROWN<br>1.83m-2.44m COARSE WHITE SAND TO BLACK MARL  | 0.00m-1.83m INNER LINING - CASING = Not Known<br>1.83m-2.44m INNER LINING - SCREEN = Not Known  |                     | 1.83m-2.44m Sand                     | 1983-09-14     | 1432     | South West |
| WRK992071 |                                  |   |   |                     |                                      |                | 1469     | West       |
| 76564     | Domestic                         | 0.00m-3.00m NO DETAILS AVAILABLE  | 0.00m-3.00m INNER LINING - CASING = Pvc   |                     |                                      | 1983-03-17     | 1477     | South West |
| 76486     | Domestic                         | 0.00m-5.00m PROBABLY SAND   | 0.00m-5.00m INNER LINING - CASING = Pvc   |                     |                                      | 1983-12-31     | 1590     | South West |
| WRK056513 | Observation                      | 0.00m-0.30m topsoil<br>0.30m-6.00m sand   | 0.00m-3.00m INNER LINING - CASING = Pvc<br>3.00m-6.00m INNER LINING - SCREEN = Pvc<br>0.00m-1.00m OUTER LINING - GRAVEL = Cement<br>1.00m-2.50m OUTER LINING - GRAVEL = Bentonite<br>2.50m-6.00m OUTER LINING - GRAVEL = Gravel |                     | 0.00m-3.00m Sand<br>3.00m-6.00m Sand | 2010-04-29     | 1632     | South      |
| WRK970676 |                                  |   |   |                     |                                      |                | 1637     | West       |
| 116136    | Groundwater Investigation        | 0.00m-1.70m FILL<br>1.70m-7.00m SAND<br>7.00m-8.00m SILTY SAND  | 0.00m-2.50m INNER LINING - CASING = Pvc<br>2.50m-8.00m INNER LINING - SCREEN = Pvc<br>2.30m-3.00m OUTER LINING - GRAVEL = Bentonite<br>3.00m-8.00m OUTER LINING - GRAVEL = Gravel   |                     |                                      | 1991-02-22     | 1641     | South      |
| WRK982968 |                                  |   |   |                     |                                      |                | 1681     | North      |
| WRK081288 | Observation                      | 0.00m-0.30m Top soil<br>0.30m-20.50m SANDS& clay<br>20.50m-47.00m MARL& coal<br>47.00m-50.00m volcanic<br>50.00m-63.00m BASALT  | 0.00m-51.00m INNER LINING - CASING = Pvc<br>0.00m-51.00m OUTER LINING - GRAVEL = Cement   |                     |                                      | 2015-10-12     | 1790     | South East |

| Bore Id   | Use Type         | Drillers Log  | Construction  | Latest Water Levels | Geology               | Completed Date | Dist (m) | Dir        |
|-----------|------------------|---|---|---------------------|-----------------------|----------------|----------|------------|
| 76562     | Domestic         |   |   |                     |                       | 1988-01-01     | 1800     | South      |
| WRK047138 | Irrigation       | 0.00m-1.00m FILL/TOP SOIL<br>1.00m-29.00m BRIGHTON GROUP - SANDY CLAY AND CLAYEY SAND<br>29.00m-35.00m COURSE SAND<br>35.00m-36.00m SANDY CLAY  | 0.50m-30.00m INNER LINING - CASING = Pvc<br>30.00m-33.00m INNER LINING - SCREEN = Stainless Steel<br>33.00m-36.00m INNER LINING - CASING = Pvc<br>0.00m-26.00m OUTER LINING - GRAVEL = Cement<br>26.00m-36.00m OUTER LINING - GRAVEL = Gravel |                     |                       | 2008-11-24     | 1803     | South      |
| WRK972024 |                  |   |   |                     |                       |                | 1915     | North East |
| WRK964690 |                  |   |   |                     |                       |                | 1926     | North East |
| WRK960319 | Domestic & Stock | 0.00m-0.30m TOPSOIL<br>0.30m-1.80m GREY CLAY<br>1.80m-3.50m ORANGE & GREY CLAY<br>3.50m-10.00m GREY SILTY CLAY<br>10.00m-19.00m BLACK SILTY CLAY<br>19.00m-24.00m LIGNIOUS CLAY<br>24.00m-27.00m VOLCANIC CLAY<br>27.00m-61.00m GRANITE | 0.40m-27.00m INNER LINING - CASING = Pvc<br>27.00m-58.00m INNER LINING - SLOT = Pvc<br>0.00m-3.00m OUTER LINING - GRAVEL = Cement<br>3.00m-27.00m OUTER LINING - GRAVEL = Gravel  |                     | 27.00m-58.00m Granite | 2002-12-19     | 1978     | North East |
| 76494     | Domestic         | 0.00m-0.60m BLACK SANDY TOP SOIL<br>0.60m-1.00m BROWN CLAY SAND - FINE<br>1.00m-2.13m YELLOW CALCAREOUS SHELLY SAND- COARSE<br>2.13m-3.00m AS ABOVE TENDING GREY TO BLACK AND FINE GRAINED<br>3.00m-4.50m LIGNEOUS BLACK CLAY           | -0.10m-2.10m INNER LINING - CASING = Pvc Class 12<br>2.10m-2.74m INNER LINING - SCREEN = Pvc Class 12<br>1.50m-3.00m OUTER LINING - GRAVEL = Gravel   |                     | 2.10m-2.74m Marl      | 1987-01-09     | 1980     | West       |
| WRK990027 | Domestic         | 0.00m-1.00m top soil<br>1.00m-4.60m sandy clay<br>4.60m-27.00m sloppy beach sands   | 0.00m-15.00m INNER LINING - CASING = Pvc<br>15.00m-27.00m INNER LINING - SCREEN = Pvc<br>0.00m-6.00m OUTER LINING - GRAVEL = Cement<br>6.00m-27.00m OUTER LINING - GRAVEL = Gravel  |                     |                       | 2009-05-21     | 1995     | North East |

Boreholes WMIS Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Groundwater Boreholes

### OSAR Proposed Road Alignments - Site 26 (Section 10)

#### Boreholes (Earth Resources Database)

Boreholes from the Earth Resources dataset, within the report buffer:

| Bore Id | Bore Type | Company  | Usage                         | Method                        | Status | Drill Date | Depth | Elevation | Accuracy (m) | Dist (m) | Direct     |
|---------|-----------|--|-------------------------------|-------------------------------|--------|------------|-------|-----------|--------------|----------|------------|
| 76480   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 09/01/1986 | 24.38 |           | 100          | 0        | Onsite     |
| 76480   |           | Private Individual/Corporation                     | Irrigation                    | Air Percussion/Air Rotary     |        | 09/01/1986 | 24.38 |           | 100          | 0        | Onsite     |
| 76479   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 11/01/1986 | 24.38 |           | 100          | 17       | North      |
| 76306   |           | Private Individual/Corporation                     | Domestic water supply         | Air Percussion/Air Rotary     |        | 13/01/1986 | 60.96 |           | 100          | 135      | North East |
| 76456   |           | Private Individual/Corporation                     | Domestic & Stock water supply | Air Percussion/Air Rotary     |        | 23/11/1983 | 22.25 |           | 100          | 225      | North      |
| 76473   |           | Private Individual/Corporation                     | Domestic water supply         | Hand Auger                    |        | 07/08/1983 | 6.10  |           | 100          | 580      | South      |
| 76462   |           | Private Individual/Corporation                     | Stock/Poultry water supply    | Air Percussion/Air Rotary     |        | 27/12/1982 | 21.34 |           | 100          | 604      | North East |
| 76444   |           | Private Individual/Corporation                     | Domestic water supply         | Spear point (multiple system) |        | 09/11/1983 | 3.60  |           | 100          | 988      | South      |
| 315420  |           | Department of Manufacturing & Industry Development |                               |                               |        | 31/12/1928 | 67.06 | 20.00     | 100          | 1241     | North West |
| 76447   |           | Private Individual/Corporation                     | Domestic water supply         | Hand Auger                    |        | 14/09/1983 | 2.44  |           | 100          | 1433     | South West |
| 76428   |           | Private Individual/Corporation                     | Domestic water supply         | Hand Auger                    |        | 22/03/1983 | 4.40  |           | 100          | 1832     | South      |

Boreholes Earth Resources Data Source: © The State of Victoria, Department of Economic Development, Jobs, Transport and Resources 2015. Creative Commons Attribution 3.0 Australia

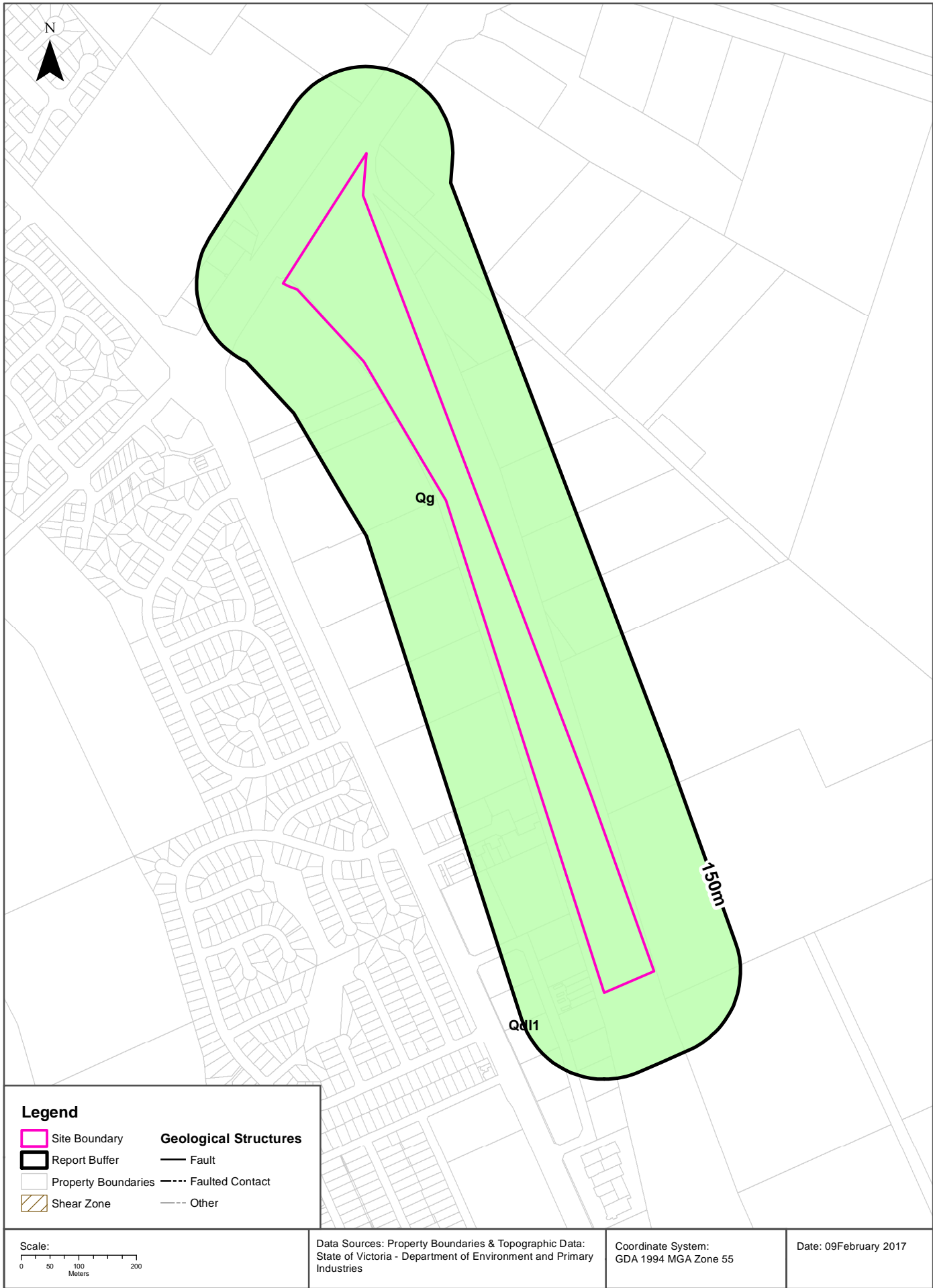
#### Boreholes (Federation University)

Boreholes from the Federation University Australia dataset, within the report buffer:

| Bore Id | Authority                | Type | Uses | Initial TD | Log | Dist (m) | Direct |
|---------|--------------------------|------|------|------------|-----|----------|--------|
| N/A     | No records within buffer |      |      |            |     |          |        |

Boreholes FedUni Data Source: © Federation University Australia





## Geology

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## Geological Units

What are the Geological Units onsite?

| Symbol | Name                                  | Description   | Geological Age       | Lithology   | Dataset   |
|--------|---------------------------------------|---|----------------------|---|-----------|
| Qg     | coastal lagoon deposits (Qg): generic | Silt, clay: dark grey to black; variably consolidated | Holocene to Holocene | silt material (significant); clay lithology (significant) | 1:250,000 |

What are the Geological Units within the report buffer?

| Symbol | Name                                  | Description  | Geological Age       | Lithology   | Dataset   |
|--------|---------------------------------------|--|----------------------|---|-----------|
| Qdl1   | coastal dune deposits (Qdl1): generic | Sand, silt, clay: well sorted, poorly consolidated; coastal dune and beach deposits, some swamp deposits | Holocene to Holocene | sand (significant); silt material (significant); clay lithology (significant) | 1:250,000 |
| Qg     | coastal lagoon deposits (Qg): generic | Silt, clay: dark grey to black; variably consolidated  | Holocene to Holocene | silt material (significant); clay lithology (significant)                     | 1:250,000 |

Geology Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Geology

### OSAR Proposed Road Alignments - Site 26 (Section 10)

#### Geological Structures

What are the Geological Faults or Faulted Contacts onsite?

| Map Id      | Type | Name | Contact | Positional Accuracy | Dataset   |
|-------------|------|------|---------|---------------------|-----------|
| No features |      |      |         |                     | 1:250,000 |

What are the Dykes, Marker Beds and Veins onsite?

| Map Id           | Type | Name | Description | Positional Accuracy | Dataset |
|------------------|------|------|-------------|---------------------|---------|
| No Data Coverage |      |      |             |                     |         |

What are the Shear Zones onsite (1:250,000 scale)?

| Map Id      | Type | Name | Description | Positional Accuracy | Dataset   |
|-------------|------|------|-------------|---------------------|-----------|
| No features |      |      |             |                     | 1:250,000 |

What are the Geological Faults or Faulted Contacts within the report buffer?

| Map Id      | Type | Name | Contact | Positional Accuracy | Dataset   |
|-------------|------|------|---------|---------------------|-----------|
| No features |      |      |         |                     | 1:250,000 |

What are the Dykes, Marker Beds and Veins within the report buffer?

| Map Id           | Type | Name | Description | Positional Accuracy | Dataset |
|------------------|------|------|-------------|---------------------|---------|
| No Data Coverage |      |      |             |                     |         |

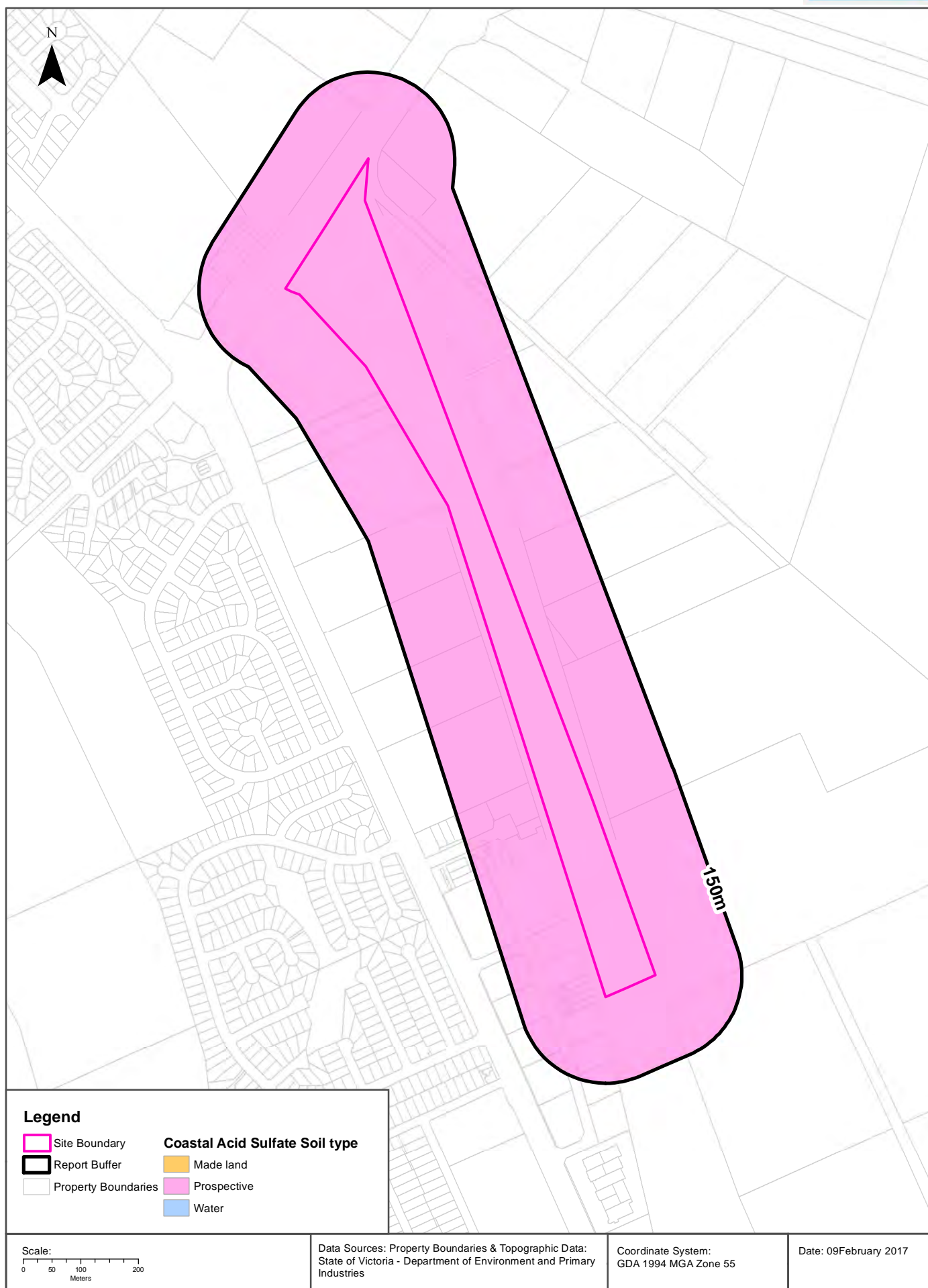
What are the Shear Zones within the report buffer (1:250,000 scale)?

| Map Id      | Type | Name | Description | Positional Accuracy | Dataset   |
|-------------|------|------|-------------|---------------------|-----------|
| No features |      |      |             |                     | 1:250,000 |

Geology Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Coastal Acid Sulfate Soils

OSAR Proposed Road Alignments - Site 26 (Section 10)





## Coastal Acid Sulfate Soils

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## Coastal Acid Sulfate Soils

What are the on-site Coastal Acid Sulfate Soil types?

| Coastal Acid Sulfate Soil Types |
|---------------------------------|
| Prospective                     |

What are the Coastal Acid Sulfate Soil types within the report buffer?

| Coastal Acid Sulfate Soil Types | Distance | Direction |
|---------------------------------|----------|-----------|
| Prospective                     | 0m       | Onsite    |

Coastal Acid Sulfate Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Planning Zones

OSAR Proposed Road Alignments - Site 26 (Section 10)



|               |   |  |                              |
|---------------|---|--|------------------------------|
| <p>Scale:</p> | <p>Data Sources: Property Boundaries &amp; Topographic Data:<br/>State of Victoria - Department of Environment and Primary Industries</p> | <p>Coordinate System:<br/>GDA 1994 MGA Zone 55</p> | <p>Date: 09February 2017</p> |
|---------------|---|--|------------------------------|

## Planning Zones

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## Planning Zones

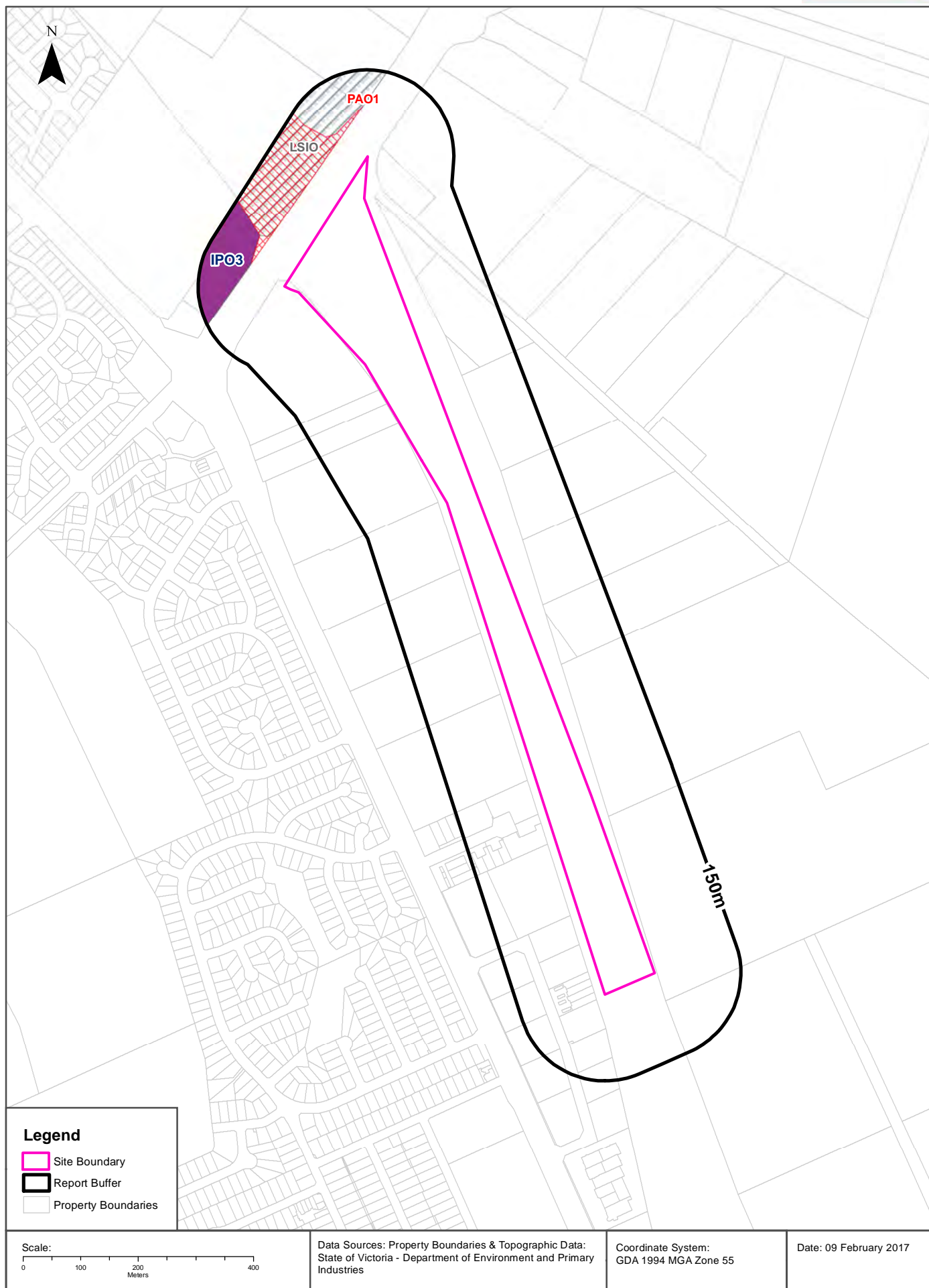
Planning zones within the report buffer:

| Zone Code | Description                           | Distance | Direction  |
|-----------|---------------------------------------|----------|------------|
| RDZ1      | ROAD ZONE - CATEGORY 1                | 0m       | Onsite     |
| C2Z       | COMMERCIAL 2 ZONE                     | 0m       | South      |
| GWZ       | GREEN WEDGE ZONE                      | 0m       | East       |
| GWZ1      | GREEN WEDGE ZONE - SCHEDULE 1         | 57m      | North West |
| GRZ3      | GENERAL RESIDENTIAL ZONE - SCHEDULE 3 | 68m      | North West |

Planning Zone Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

# Planning Overlays

## OSAR Proposed Road Alignments - Site 26 (Section 10)





## Planning Overlays

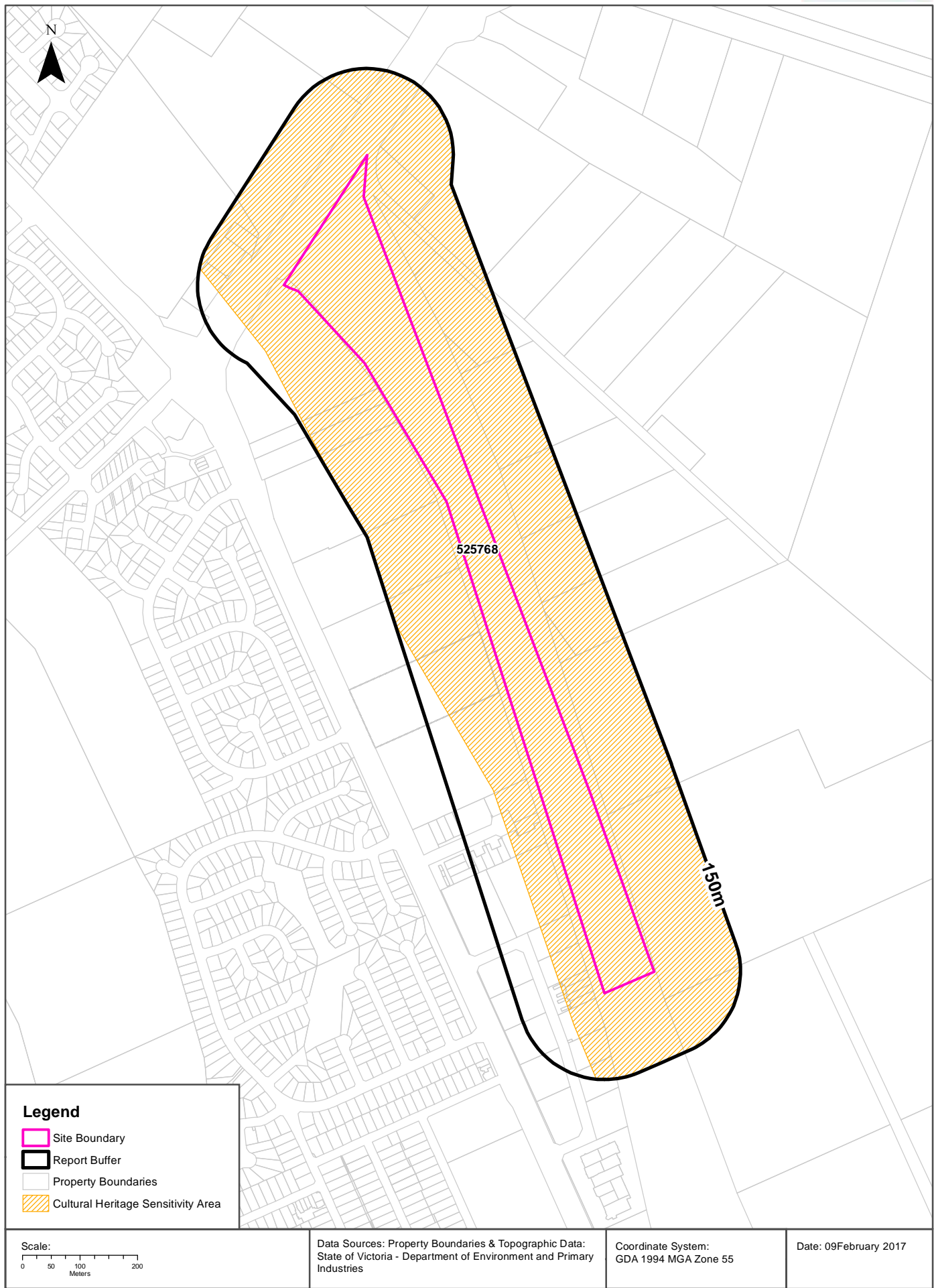
### OSAR Proposed Road Alignments - Site 26 (Section 10)

## Planning Overlays

Planning overlays within the report buffer:

| Zone Code | Description                            | Distance | Direction  |
|-----------|--|----------|------------|
| LSIO      | LAND SUBJECT TO INUNDATION OVERLAY     | 57m      | West       |
| PAO1      | PUBLIC ACQUISITION OVERLAY 1           | 57m      | North West |
| IPO3      | INCORPORATED PLAN OVERLAY - SCHEDULE 3 | 71m      | North West |

Planning Overlay Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



## Cultural Heritage Sensitivity

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## Cultural Heritage Sensitivity

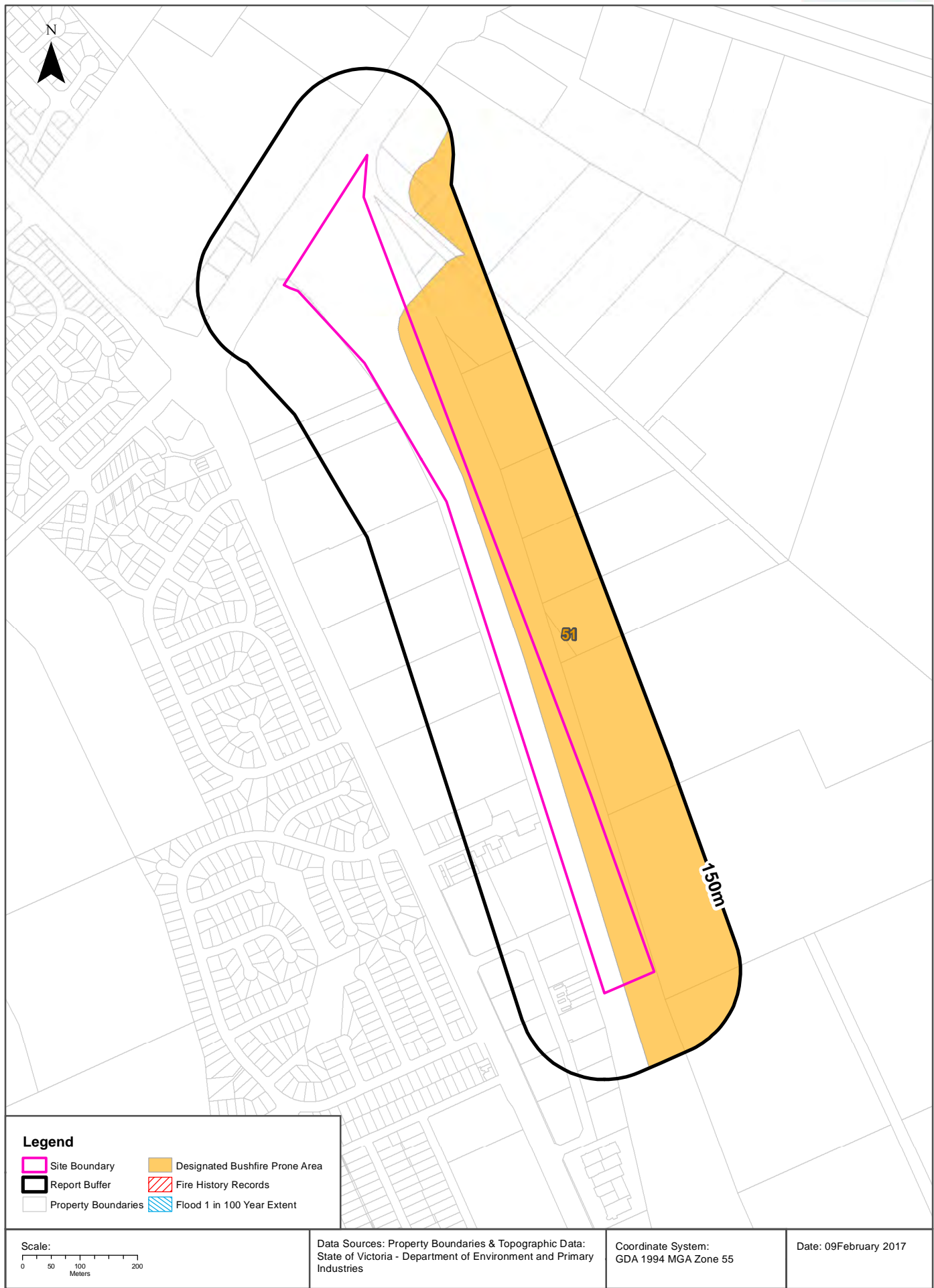
Areas of Cultural Heritage Sensitivity as specified in Division 3 of Part 2 in the Aboriginal Heritage Regulations 2007, within the report buffer:

| Map Id | Culturally Sensitive | Distance | Direction |
|--------|----------------------|----------|-----------|
| 525768 | YES                  | 0m       | Onsite    |

Cultural Heritage Sensitivity Data Custodian: State Government Victoria - Dept of Planning and Community Development  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Natural Hazards

OSAR Proposed Road Alignments - Site 26 (Section 10)





## Natural Hazards

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## Bushfire Prone Areas

What are the designated bushfire prone areas within the report buffer?

| Map ID | Feature                        | Plan No      | LGA               | Gazetted Date | Distance | Direction |
|--------|--------------------------------|--------------|-------------------|---------------|----------|-----------|
| 51     | Designated Bushfire Prone Area | LEGL./14-154 | GREATER DANDENONG | 07/04/2014    | 0m       | Onsite    |

Bushfire Prone Area Data Custodian: State Government Victoria - Dept of Transport, Planning & Local Infrastructure  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Fire History

What are the fire history records of fires primarily on public land, within the report buffer?

| Map Id | Fire Type                | Fire Key | Season | Fire No | Fire Name | Treatment | Fire Cover | Start Date | Dist (m) | Direction |
|--------|--------------------------|----------|--------|---------|-----------|-----------|------------|------------|----------|-----------|
| N/A    | No records within buffer |          |        |         |           |           |            |            |          |           |

Fire History Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## Flood - 1 in 100 year modelled flood extent

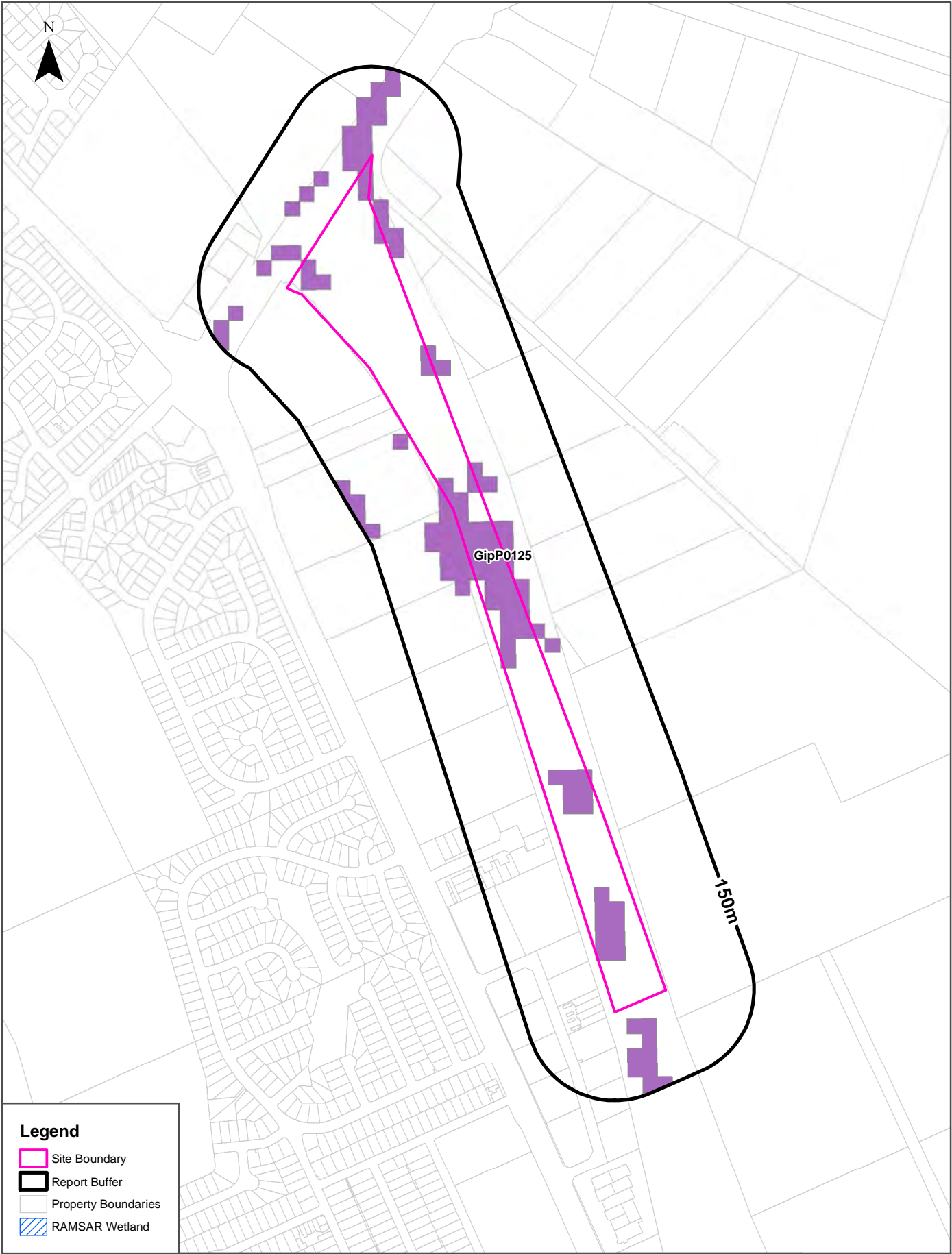
What 1 in 100 year flood extent features exist within the report buffer?

| Feature | Source                   | Method | Scale | Modified Date | Distance | Direction |
|---------|--------------------------|--------|-------|---------------|----------|-----------|
| N/A     | No records within buffer |        |       |               |          |           |

Flood Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

Ecological Constraints - Native Vegetation 2005 & RAMSAR Wetlands

OSAR Proposed Road Alignments - Site 26 (Section 10)



**Legend**

- Site Boundary
- Report Buffer
- Property Boundaries
- RAMSAR Wetland

|   |   |  |                              |
|---|---|--|------------------------------|
| <p>Scale:</p> <p>0 50 100 200</p> <p>Meters</p> | <p>Data Sources: Property Boundaries &amp; Topographic Data:<br/>State of Victoria - Department of Environment and Primary Industries</p> | <p>Coordinate System:<br/>GDA 1994 MGA Zone 55</p> | <p>Date: 09February 2017</p> |
|---|---|--|------------------------------|

## Ecological Constraints

### OSAR Proposed Road Alignments - Site 26 (Section 10)

## Native Vegetation (Modelled 2005 Ecological Vegetation Classes)

What native vegetation exists within the report buffer?

| Veg Code | EVC Name              | EVCCode | Group    | Subgroup   | Bioregion       | Conservation Status | Geographic Occurance | Distance |
|----------|-----------------------|---------|----------|------------|-----------------|---------------------|----------------------|----------|
| GipP0125 | Plains Grassy Wetland | 0125    | Wetlands | Freshwater | Gippsland Plain | Endangered          | Naturally Restricted | 0m       |

Native Vegetation Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

## RAMSAR Wetlands

What RAMSAR wetland areas exist within the report buffer?

| Map ID | Site Name                | Lake Name | Distance | Direction |
|--------|--------------------------|-----------|----------|-----------|
| N/A    | No records within buffer |           |          |           |

RAMSAR Wetland Area Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>

#### USE OF REPORT – APPLICABLE TERMS

The following terms apply to any person (End User) who is given the Report by the person who purchased the Report from Lotsearch Pty Ltd (ABN: 89 600 168 018) (Lotsearch) or who otherwise has access to the Report. The contract terms that apply between Lotsearch and the purchaser of the Report are specified in the order form pursuant to which the Report was ordered and the terms set out below are of no effect as between Lotsearch and the purchaser of the Report.

1. End User acknowledges and agrees that:
  - (a) the Report is compiled from or using content (**Third Party Content**) which is comprised of:
    - (i) content provided to Lotsearch by third party content suppliers with whom Lotsearch has contractual arrangements or content which is freely available (**Third Party Content Suppliers**);
    - (j) content which is derived from content described in paragraph (i);
  - (b) Lotsearch does not take any responsibility for or give any warranty in relation to the accuracy or completeness of any Third Party Content included in the Report;
  - (c) the Third Party Content Suppliers do not constitute an exhaustive set of all repositories or sources of information available in relation to the property which is the subject of the Report (**Property**);
  - (d) Lotsearch has not undertaken any physical inspection of the property;
  - (e) Lotsearch does not warrant that all land uses or features whether past or current are identified in the Report;
  - (f) the Report does not include any information relating to the actual state or condition of the Property;
  - (g) the Report should not be used or taken to indicate or exclude actual fitness or unfitness of a Property for any particular purpose;
  - (h) the Report should not be relied upon for determining saleability or value or making any other decisions in relation to the Property and in particular should not be taken to be a rating or assessment of the desirability or market value of the property or its features; and
  - (i) the End User should undertake its own inspection s of the Property to satisfy itself that there are no defects or failures.
2. The End User may not make the Report or any copies or extracts of the report or any part of it available to any other person. If End User wishes to provide the Report to any other person or make extracts or copies of the Report, it must contact the purchaser of the Report before doing so to ensure the proposed use is consistent with the contract terms between Lotsearch and the purchaser.
3. Neither Lotsearch (nor any of its officers, employees or agents) nor any of its Third Party Content Suppliers will have any liability to End User or any person to whom End User provides the Report and End User must not represent that Lotsearch or any of its Third Party Content Suppliers accepts liability to any such person or make any other representation to any such person on behalf of Lotsearch or any Third Party Content Supplier.
4. End User must not remove any copyright notices, trade marks, digital rights management information, other embedded information, disclaimers or limitations from the Report or authorise any person to do so.
5. End User acknowledges and agrees that Lotsearch and Third Party Content Suppliers retain ownership of all copyright, patent, design right (registered or unregistered), trade marks (registered or unregistered), database right or other data right, moral right or know how or any other intellectual property right in any Report or any other item, information or data included in or provided as part of a Report.
6. To the extent permitted by law and subject to paragraph 7, all implied terms, representations and warranties whether statutory or otherwise relating to the subject matter of these terms other than as expressly set out in these terms are excluded.
7. Subject to paragraph 8, Lotsearch excludes liability to End User for loss or damage of any kind, however caused, due to Lotsearch's negligence, breach of contract, breach of any law, in equity, under indemnities or otherwise, arising out of all acts, omissions and events whenever occurring.
8. Lotsearch acknowledges that if, under applicable State, Territory or Commonwealth law, End User is a consumer certain rights may be conferred on End User which cannot be excluded, restricted or modified. If so, and if that law applies to Lotsearch, then, Lotsearch's liability is limited to the greater of an amount equal to the cost of resupplying the Report and the maximum extent permitted under applicable laws.
9. Subject to paragraph 7, neither Lotsearch nor the End User is liable to the other for any indirect, incidental, consequential, special or exemplary damages arising out of or in relation to these terms.
10. These terms are subject to New South Wales law.



| Station   | UseType                                   | DrillersLog  | Stratigraphy | Geology | Levels                            | Construction   | CompleteDate | Distance | Direction | Latitude   | Longitude                |
|-----------|---|--|--------------|---------|-----------------------------------|--|--------------|----------|-----------|------------|--------------------------|
| WRK966394 |   |  |              |         |                                   |  |              |          | 0         | Onsite     | -37.97116857 145.1157311 |
| WRK043346 |   |  |              |         |                                   |  |              |          | 0         | Onsite     | -38.02747904 145.1312397 |
| WRK039072 | Domestic, Irrigation, Stock               | 0.00m-3.00m BLACK CLAY 3.00m-9.00m YELLOW CLAY 9.00m-18.00m SANDY CLAY 18.00m-22.00m SAND (MEDIUM) 22.00m-24.38 18.29m-21.34m Sand                                     |              |         |                                   | 0.00m-18.29m INNER LINING - CASING = Pvc 18.29m-21.34m INNER LINING -              | 9/01/1986    |          | 0         | Onsite     | -38.02669667 145.1348058 |
| 81673     | Not Known                                 | 0.00m-0.30m SURFACE SOIL 0.30m-1.22m SAND 1.22m-6.10m CLAYEY SAND 6.10m-6.40m SAND 6.40m-10.67m CLAY 10.67m-14.02m STICKY MARINE CLAY SAND 14.02m-18.29m SANDSTONE     |              |         |                                   | PIECES MARINE SILT SAND 18.29m-37.19m MARINE SILT CLAY 37.19m-38.71m               | 6/01/1970    |          | 0         | Onsite     | -37.96894555 145.1159021 |
| 81419     | Observation, State Observation Network    | 0.00m-1.50m TOP SOIL SAND 1.50m-4.60m CLAY AND SAND 4.60m-6.10m ORANGE CLAY SAND 6.10m-10.70m SANDY DARK CLAY 10.70m-22.90m GREEN CLAY SAND 22.90m-23.00m              |              |         |                                   | Date/time: 0.00m-42.98m INNER LINING - CASING = Pvc                                | 27/11/1971   |          | 0         | Onsite     | -37.96096549 145.1173469 |
| 127483    | Groundwater Investigation, Observation, S | 0.00m-1.00m FINE GREY SAND 1.00m-2.00m LIGHT ORANGE CLAY 2.00m-4.00m YELLOW AND GREY SANDY CLAY 4.00m-10.00m LIGHT BROWN SANDY CLAY 10.00m-12.00m ORANC                |              |         |                                   | Date/time: 0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-14.00m INNER LINING -   | 18/04/1996   |          | 7         | North      | -37.97229497 145.1124769 |
| WRK982650 |   |  |              |         |                                   |  |              |          | 19        | North      | -37.97332574 145.119818  |
| 76479     | Domestic                                  | 0.00m-3.00m BLACK CLAY 3.00m-9.00m YELLOW CLAY 9.00m-12.00m SANDY CLAY 12.00m-19.00m SAND (MEDIUM) 19.00m-24.38 12.19m-18.29m Sand                                     |              |         |                                   | 0.00m-12.19m INNER LINING - CASING = Pvc Class 9 12.19m-18.29m INNER L             | 11/01/1986   |          | 20        | South      | -38.02531866 145.1348398 |
| WRK049052 | Observation                               | 0.00m-0.40m FILL 0.40m-9.50m CLAY  |              |         |                                   | 0.00m-6.00m INNER LINING - CASING = Pvc 6.00m-9.00m INNER LINING - SCF             | 17/08/2012   |          | 23        | North      | -37.97370034 145.1201386 |
| WRK989236 |   |  |              |         |                                   |  |              |          | 47        | North West | -37.98755551 145.1142057 |
| WRK055858 | Irrigation                                |  |              |         |                                   |  |              |          | 61        | South      | -38.02670117 145.13596   |
| WRK991278 | Groundwater Investigation                 | 0.00m-0.30m topsoil 0.30m-1.50m sand 1.50m-3.60m sandstone 3.60m-8.20m sand  |              |         |                                   | 0.00m-4.20m INNER LINING - CASING = Pvc 4.20m-8.20m INNER LINING - SCF             | 8/05/2009    |          | 64        | North      | -37.97371699 145.1206163 |
| WRK989237 |   |  |              |         |                                   |  |              |          | 73        | North West | -37.98731583 145.1138702 |
| 81729     | Domestic                                  | 0.00m-3.05m CLAY 3.05m-12.19m SANDY CLAY BROWN 12.19m-21.34m SAND BROWN 21.34m-36.58m SAND GREY 36.58m-49.38r 36.58m-38.10m Sand 42.98m-45.72m Sand                    |              |         |                                   | 0.00m-36.58m INNER LINING - CASING = Pvc 36.58m-38.10m INNER LINING -              | 23/12/1982   |          | 87        | North West | -37.98731268 145.1137125 |
| 136919    | Groundwater Investigation                 | 0.00m-0.90m SILTY SAND, BROWN, MOIST FILL 0.90m-7.50m CLAYEY SAND RED BROWN, YELLOW BROWN AND PAIL GREY, MEDIUM GR   |              |         |                                   | 0.00m-4.00m INNER LINING - CASING = Pvc Class 18 4.00m-7.50m INNER LINI            | 6/10/1998    |          | 89        | North      | -37.97363952 145.1208931 |
| 136917    | Groundwater Investigation                 | 0.00m-0.80m SANDY SILT, BROWN, MOIST FILL 0.80m-1.00m SAND CLAY, ORANGE BROWN, PAIL BROWN, YELLOW BROWN, STIFF, MO 1.00m-7.50m CLAYEY SAND FINE AND MEDIUM SAND, RI    |              |         |                                   | 0.00m-3.50m INNER LINING - CASING = Pvc Class 18 3.50m-7.50m INNER LINI            | 6/10/1998    |          | 89        | North      | -37.97363952 145.1208931 |
| 142770    | Groundwater Investigation                 | 0.00m-4.00m CLAYEY SAND 4.00m-5.00m SILTY SAND 5.00m-11.00m CLAYEY SAND  |              |         |                                   | 0.00m-6.50m INNER LINING - CASING = Pvc 6.50m-11.00m INNER LINING - SC             | 12/08/1998   |          | 89        | North      | -37.97363952 145.1208931 |
| 142773    | Groundwater Investigation                 |  |              |         |                                   | 0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCF             | 22/10/1998   |          | 89        | North      | -37.97363952 145.1208931 |
| 142771    | Groundwater Investigation                 |  |              |         |                                   | 0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCF             | 22/10/1998   |          | 89        | North      | -37.97363952 145.1208931 |
| 142768    | Groundwater Investigation                 | 0.00m-4.00m CLAYEY SAND 4.00m-5.00m SILTY SAND 5.00m-11.00m CLAYEY SAND  |              |         |                                   | 0.00m-6.50m INNER LINING - CASING = Pvc 6.50m-11.00m INNER LINING - SC             | 12/08/1998   |          | 89        | North      | -37.97363952 145.1208931 |
| 136918    | Groundwater Investigation                 | 0.00m-1.20m SANDY SILT, BROWN, DENSE, MOIST FILL 0.80m-7.50m CLAYEY SAND, FINE AND MEDIUM SAND, RED BROWN, YELLOW BROWN,   |              |         |                                   | 0.00m-4.00m INNER LINING - CASING = Pvc Class 18 4.00m-7.50m INNER LINI            | 6/10/1998    |          | 89        | North      | -37.97363952 145.1208931 |
| 142769    | Groundwater Investigation                 | 0.00m-4.00m CLAYEY SAND 4.00m-5.00m SILTY SAND 5.00m-11.00m CLAYEY SAND  |              |         |                                   | 0.00m-6.50m INNER LINING - CASING = Pvc 6.50m-11.00m INNER LINING - SC             | 12/08/1998   |          | 89        | North      | -37.97363952 145.1208931 |
| 142774    | Groundwater Investigation                 |  |              |         |                                   | 0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCF             | 22/10/1998   |          | 89        | North      | -37.97363952 145.1208931 |
| 142772    | Groundwater Investigation                 |  |              |         |                                   | 0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCF             | 22/10/1998   |          | 89        | North      | -37.97363952 145.1208931 |
| 142775    | Groundwater Investigation                 |  |              |         |                                   | 0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-7.00m INNER LINING - SCF             | 22/10/1998   |          | 89        | North      | -37.97363952 145.1208931 |
| WRK989238 |   |  |              |         |                                   |  |              |          | 96        | North West | -37.98738369 145.1136066 |
| WRK989239 |   |  |              |         |                                   |  |              |          | 101       | North West | -37.9875815 145.1135787  |
| WRK051930 | Observation                               | 0.00m-6.00m clay   |              |         | 0.00m-3.00m Clay 3.00m-6.00m Clay | 0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCF             | 21/10/2009   |          | 125       | North      | -37.97166797 145.1153453 |
| 76306     | Domestic                                  | 0.00m-3.00m BLACK CLAY 3.00m-11.00m YELLOW CLAY 11.00m-18.00m SANDY CLAY 18.00m-24.38m SAND (MEDIUM)   |              |         |                                   | 0.00m-18.29m INNER LINING - CASING = Pvc 18.29m-24.38m INNER LINING -              | 13/01/1986   |          | 136       | South      | -38.02906265 145.1379348 |
| WRK985616 |   |  |              |         |                                   |  |              |          | 138       | North West | -37.97203118 145.111017  |
| WRK987293 | Groundwater Investigation                 | 0.00m-0.16m 0.16m CONCRETE 0.16m-0.30m FILL: SANDY GRAVEL 0.30m-0.80m FILL: SILTY SAND FINE GRAINED 0.80m-4.20m SILTY CLAY (CH) STIFF 4.20m-5.00m SANDY CLAY           |              |         |                                   |  | 14/07/2008   |          | 149       | North      | -37.96048615 145.1278627 |
| 81737     | Domestic                                  | 0.00m-3.00m TOP SOIL WITH GREY SAND 3.00m-5.00m GREY SANDY CLAY 5.00m-11.00m GREY CLAY WITH SAND 11.00m-17.00m F59 20m-86.00m Mudstone                                 |              |         |                                   | 0.00m-59.20m INNER LINING - CASING = Mild Steel 59.20m-86.00m INNER LI             | 2/12/1983    |          | 152       | North West | -37.97947674 145.1134533 |
| 142871    | Groundwater Investigation                 | 0.00m-12.50m SANDY CLAY  |              |         |                                   | 0.00m-5.00m INNER LINING - CASING = Pvc 5.00m-12.00m INNER LINING - SC             | 18/10/1999   |          | 158       | South      | -38.00121468 145.1208736 |
| 142869    | Groundwater Investigation                 | 0.00m-14.40m SANDY CLAY  |              |         |                                   | 0.00m-11.40m INNER LINING - CASING = Pvc 11.40m-14.40m INNER LINING -              | 3/11/1999    |          | 158       | South      | -38.00121468 145.1208736 |
| 142870    | Groundwater Investigation                 | 0.00m-12.50m SANDY CLAY  |              |         |                                   | 0.00m-5.00m INNER LINING - CASING = Pvc 5.00m-12.50m INNER LINING - SC             | 18/10/1999   |          | 158       | South      | -38.00121468 145.1208736 |
| WRK967871 | Groundwater Investigation                 | 0.00m-0.20m ORGANIC MATTER 0.20m-0.40m CLAYEY SAND 0.40m-7.50m SANDY CLAY, GREY  |              |         |                                   | 0.00m-4.50m INNER LINING - CASING = Pvc Class 18 4.50m-7.50m INNER LINI            | 26/11/2004   |          | 181       | South      | -38.03455401 145.1409497 |
| WRK967872 | Groundwater Investigation                 | 0.00m-0.20m ORGANIC MATTER 0.20m-0.50m SAND - BROWN 0.50m-9.00m SANDY CLAY, GREY   |              |         |                                   | 0.00m-4.50m INNER LINING - CASING = Pvc Class 18 4.50m-9.00m INNER LINI            | 26/11/2004   |          | 181       | South      | -38.03455401 145.1409497 |
| WRK967873 | Groundwater Investigation                 | 0.00m-1.20m CLAY 1.20m-4.20m SILTY SANDY CLAY, BLACK 4.20m-5.20m SANDY CLAY, DARK BROWN 5.20m-6.20m SILTY CLAY   |              |         |                                   | 0.00m-2.60m INNER LINING - CASING = Pvc Class 18 2.60m-6.20m INNER LINI            | 10/12/2004   |          | 181       | South      | -38.03455401 145.1409497 |
| 81437     | Not Known                                 |  |              |         |                                   |  | 20/09/1985   |          | 187       | North      | -37.96820851 145.119438  |
| 81438     | Not Known                                 |  |              |         |                                   |  | 20/09/1985   |          | 187       | North      | -37.96820851 145.119438  |
| 127114    | Groundwater Investigation                 | 0.00m-4.00m FINE GREY SAND 4.00m-7.00m YELLOW AND GREY CLAY 7.00m-9.50m GREY SANDY CLAY  |              |         |                                   | Date/time: 0.00m-6.00m INNER LINING - CASING = Pvc 6.00m-8.00m INNER LINING - SCF  | 7/12/1995    |          | 187       | North      | -37.95853842 145.1227808 |
| 81421     | Observation, State Observation Network    | 0.00m-1.20m SANDY CLAY 1.20m-6.40m SANDY CLAY YELLOW 6.40m-7.90m SANDS DARK GREY 7.90m-14.90m GREEN MARL SANDY GRAY 30.50m-42.70m Marl                                 |              |         |                                   | Date/time: 0.00m-30.50m INNER LINING - CASING = Pvc 30.50m-42.70m INNER LINING -   | 21/02/1973   |          | 187       | North      | -37.96820851 145.119438  |
| 127113    | Groundwater Investigation                 | 0.00m-4.00m FINE GREY SAND 4.00m-7.00m YELLOW AND GREY CLAY 7.00m-9.50m GREY SANDY CLAY 9.50m-16.00m FINE GREY SAND 16.00m-19.00m FINE DARK GREY SAND 19.0             |              |         |                                   | Date/time: 0.00m-17.00m INNER LINING - CASING = Pvc 17.00m-19.00m INNER LINING -   | 6/12/1995    |          | 188       | North      | -37.95852942 145.1227808 |
| WRK980809 |   |  |              |         |                                   |  |              |          | 190       | South      | -38.0250636 145.1289543  |
| WRK990436 |   |  |              |         |                                   |  |              |          | 190       | South      | -37.95797678 145.1185705 |
| WRK987292 | Groundwater Investigation                 | 0.00m-0.30m CONCRETE   |              |         |                                   | 0.00m-0.40m OUTER LINING - GRAVEL = Cement 0.40m-1.00m OUTER LININ                 | 15/07/2008   |          | 191       | North      | -37.9604943 145.1283747  |
| 127117    | Groundwater Investigation                 | 0.00m-1.00m GREY SAND 1.00m-2.50m YELLOW AND GREY CLAYEY SAND 2.50m-4.00m YELLOW AND GREY CLAY 4.00m-6.00m YELLOW AND GREY SANDY CLAY 6.00m-9.50m FINE                 |              |         |                                   | Date/time: 0.00m-25.00m INNER LINING - CASING = Pvc 25.00m-27.00m INNER LINING -   | 13/12/1995   |          | 194       | North      | -37.9577515 145.1152439  |
| 127118    | Groundwater Investigation                 | 0.00m-1.00m GREY SAND 1.00m-2.50m YELLOW AND GREY CLAYEY SAND 2.50m-4.00m YELLOW AND GREY CLAY 4.00m-6.00m YELLOW AND GREY SANDY CLAY 6.00m-9.50m FINE                 |              |         |                                   | Date/time: 0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-14.00m INNER LINING -   | 14/12/1995   |          | 195       | North      | -37.9577515 145.1152319  |
| WRK04638  |   |  |              |         |                                   |  | 10/08/2006   |          | 197       | North      | -37.96076785 145.1195649 |
| WRK963644 |   |  |              |         |                                   |  |              |          | 214       | North West | -37.97283364 145.1099852 |
| WRK963633 |   |  |              |         |                                   |  |              |          | 214       | North West | -37.97283364 145.1099852 |
| WRK967290 | Groundwater Investigation                 | 0.00m-2.50m DARK BROWN SAND 2.50m-4.00m DARK ORANGE SAND 4.00m-7.00m WET SAND  |              |         |                                   | 0.00m-7.00m INNER LINING - CASING = Pvc  | 29/09/2003   |          | 216       | North      | -37.95754867 145.1143474 |
| WRK967292 | Groundwater Investigation                 | 0.00m-2.50m LIGHT ORANGE SAND 2.50m-3.50m PALR GREY SAND 3.50m-7.00m GREY SILTY SAND 7.00m-10.00m FINE CLAYEY SAND 10.00m-11.70m FINE PALE GREY QUARTZ GRAVEL          |              |         |                                   | 0.00m-11.70m INNER LINING - CASING = Pvc   | 29/09/2003   |          | 220       | North      | -37.95756594 145.1171127 |
| WRK967291 | Groundwater Investigation                 | 0.00m-0.10m FILL, DARK GREY PEBBLY SAND 0.10m-1.00m LIGHT GREY SAND 1.00m-4.50m DARK GREY SAND 4.50m-5.00m FINE ORANGE SAND 5.00m-7.50m FINE PALE GREY SAND 7.50m-10.0 |              |         |                                   | 0.00m-32.00m INNER LINING - CASING = Pvc 32.00m-38.00m INNER LINING                | 29/09/2003   |          | 224       | North      | -37.95753028 145.1171364 |
| 76456     | Domestic, Stock                           | 0.00m-3.00m BLACK CLAY 3.00m-9.00m YELLOW CLAY 9.00m-12.00m SANDY CLAY 12.00m-18.00m SAND (MEDIUM) 18.00m-22.25 12.19m-18.29m Sand                                     |              |         |                                   | 0.00m-12.19m INNER LINING - CASING = Pvc 12.19m-18.29m INNER LINING -              | 23/11/1983   |          | 226       | South      | -38.02653764 145.1378848 |
| 127486    | Groundwater Investigation, Observation, S | 0.00m-1.00m FINE GREY SAND 1.00m-7.00m LIGHT BROWN CLAYEY SAND 7.00m-15.00m BROWN CLAYEY SAND 15.00m-30.00m SANDY MARL   |              |         |                                   | Date/time: 0.00m-27.00m INNER LINING - CASING = Pvc 27.00m-29.00m INNER LINING -   | 18/04/1996   |          | 232       | North      | -37.98309836 145.1201406 |
| 127484    | Groundwater Investigation, Observation, S | 0.00m-1.00m DARK GREY SANDY SOIL 1.00m-2.00m ORANGY BROWN SANDY CLAY 2.00m-3.00m BROWNY ORANGE SANDY CLAY 3.00m-5.00m ORANGE GRAVELY CLAY 5.00m-13.0                   |              |         |                                   | Date/time: 0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-14.00m INNER LINING -   | 12/04/1996   |          | 232       | North      | -37.98299094 145.1201065 |
| 81725     | Not Known                                 | 0.00m-0.30m SURFACE SOIL 0.30m-3.00m SAND 3.00m-9.10m SANDY CLAY 9.10m-15.20m CLAYEY SAND AND LIGNITE 15.20m-16.80m CONSOLIDATED LIGNITE AND SAND 16.80m-17.10m        |              |         |                                   | COARSE SAND AND LIGNITE 17.10m-17.40m FINE SAND AND LIGNITE 17.40m-18.9            | 28/04/1983   |          | 235       | North      | -37.95817941 145.1234498 |
| WRK080503 | Observation                               | 0.00m-3.00m CLAY 3.00m-12.00m SAND   |              |         |                                   | 0.00m-7.50m OUTER LINING - GRAVEL = Cement 7.50m-8.50m OUTER LININ                 | 17/07/2014   |          | 235       | North      | -37.95858517 145.1248447 |
| 81768     | Not Known                                 | 0.00m-0.50m DARK BROWN SAND 0.50m-1.60m STIFF BROWN CLAY 1.60m-2.00m FIRM YELLOW-BROWN CLAY 2.00m-5.50m STIFF 7.80m-8.50m Sand   |              |         |                                   | 0.00m-7.80m INNER LINING - CASING = Pvc 7.80m-8.50m INNER LINING - SCF             | 24/09/1985   |          | 240       | North      | -37.95876538 145.1262808 |
| 81716     | Domestic                                  | 0.00m-2.00m TOP SOIL 2.00m-6.00m CLAY 6.00m-7.00m LIGHT CLAY AND SAND 7.00m-8.00m LIGHT SAND 8.00m-10.00m COARSE 7.80m-10.00m Clay                                     |              |         |                                   | 0.00m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SC             | 12/06/1983   |          | 241       | North      | -37.97973958 145.1191442 |
| WRK987290 | Groundwater Investigation                 | 0.00m-0.70m FILL - GRAVEL 0.70m-1.20m BROWN SAND 1.20m-5.90m CLAYEY SAND 5.90m-7.00m SAND  |              |         |                                   | 0.00m-0.40m OUTER LINING - GRAVEL = Cement 0.40m-0.80m OUTER LININ                 | 16/07/2008   |          | 245       | North      | -37.96156722 145.1289735 |
| 81726     | Not Known                                 | 0.00m-0.30m SURFACE SOIL 0.30m-5.80m SANDY CLAY 5.80m-17.10m CLAYEY SAND 17.10m-17.70m GREY CLAY 17.70m-19.50m SLOPPY GREY SANDY CLAY 19.50m-21.30m                    |              |         |                                   | STICKY MARINE CLAY 21.30m-21.90m FINE MARINE CLAYEY SAND 21.90m-22.60m FINE MARINE | 9/05/1983    |          | 247       | North      | -37.9580914 145.1235668  |
| 81710     | Irrigation                                | 0.00m-1.00m FIRM CLAYEY SAND 1.00m-6.10m VEREY STIFF SANDY CLAY 6.10m-15.20m SOFT CLAYEY SAND 15.20m-26.00m COARSE & FINE SAND 26.00m-29.00m BLUE SILT LIMESTONE       |              |         |                                   | PIECE 0.00m-34.00m INNER LINING - CASING = Steel 0.00m-76.50m INNER LINING -       | 12/01/1979   |          | 251       | North      | -37.96050436 145.1290817 |
| 81690     | Not Known                                 | 0.00m-16.76m GREENEY GREY CLAYEY SAND  |              |         |                                   | 0.00m-16.76m INNER LINING - CASING = Not Known 10.67m-16.76m INNER L               | 11/02/1973   |          | 274       | North      | -37.96251055 145.1125257 |
| 76514     | Domestic                                  | 0.00m-3.00m STILL BLACK CLAY 3.00m-6.00m YELLOW BROWN SANDY CLAY 6.00m-9.50m YELLOW BROWN LOOSE SAND 9.50m-14.12 5.00m-18.30m Sand                                     |              |         |                                   | 0.00m-12.50m INNER LINING - CASING = Not Known 12.50m-18.30m INNER L               | 27/02/1990   |          | 275       | South East | -38.03126763 145.1406128 |
| WRK954991 |   |  |              |         |                                   |  | 10/02/2006   |          | 279       | North      | -37.95699986 145.1158707 |
| 81699     | Not Known                                 | 0.00m-0.30m SURFACE SOIL 0.30m-2.74m SAND 2.74m-9.75m SANDY CLAY 9.75m-23.47m SAND WITH LAYER CLAY 23.47m-47.24m MARINE SILT LITTLE SHELL                              |              |         |                                   |  | 5/11/1973    |          | 287       | North      | -37.95701346 145.1181308 |
| WRK992204 | Groundwater Investigation                 | 0.00m-0.50m fill 0.50m-5.00m brighton group sands  |              |         |                                   | 0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-5.00m INNER LINING - SCF             | 10/08        |          |           |            |                          |

| Station  | UseType | DrillersLog   | Stratigraphy | Geology                 | Levels | Construction   | CompleteDate | Distance | Direction      | Latitude     | Longitude    |
|--|---------|---|--------------|-------------------------|--------|--|--------------|----------|----------------|--------------|--------------|
| WRK979611  |         |   |              |                         |        |  |              |          |                |              |              |
| 81662 Domestic                                   |         |   |              |                         |        |  | 31/12/1970   |          | 427 North West | -37.98723311 | 145.1098415  |
| 81779 Not Known                                  |         | 0.00m-0.70m SANDY LOAM 0.70m-3.00m GREY CLAYEY SAND 3.00m-10.00m ORANGE SANDS 10.00m-14.00m GREY SANDS 14.00m 10.50m-16.50m Sand  |              |                         |        | 0.00m-10.50m INNER LINING - CASING = Pvc 10.50m-16.50m INNER LINING -            | 8/12/1988    |          | 431 North      | -37.95566946 | 145.1175278  |
| WRK980362  |         |   |              |                         |        |  |              |          | 433 South East | -38.01725052 | 145.1432455  |
| WRK068226 Observation                            |         | 0.00m-9.00m CLAY  |              | 3.00m-9.00m Clay        |        | 0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-9.00m INNER LINING - SCF           | 2/02/2012    |          | 434 North      | -37.95769209 | 145.1289694  |
| 114432 Groundwater Investigation                 |         | 0.00m-12.00m SAND GREY / BROWN MEDIUM 12.00m-23.50m COARSE SAND SOME GRAVEL GREY  |              | 8.00m-23.50m Sand       |        | -0.50m-8.00m INNER LINING - CASING = Pvc 8.00m-23.50m INNER LINING - S           | 4/08/1992    |          | 449 North      | -37.9561904  | 145.1230458  |
| WRK057334 Domestic & Stock                       |         | 67.00m-68.00m siltstone   |              | 61.50m-67.50m Siltstone |        | 0.00m-61.50m INNER LINING - CASING = Pvc 61.50m-67.50m INNER LINING -            | 2/06/2010    |          | 457 North      | -37.95931117 | 145.1310454  |
| WRK981217  |         |   |              |                         |        |  |              |          | 460 North      | -37.95930252 | 145.1310683  |
| 133632 Groundwater Investigation                 |         | 0.00m-0.90m FILL CLAYEY SILT 0.90m-3.50m SANDY CLAY 3.50m-6.00m CLAYEY SAND   |              |                         |        |  | 21/01/1998   |          | 461 West       | -37.94981471 | 145.1151166  |
| WRK962793 Groundwater Investigation              |         | 0.00m-2.00m DARK BROWN/GREY SAND 2.00m-4.00m ORANGE/BROWN SAND 4.00m-7.00m FINE GREY SAND 7.00m-7.50m COARSE SAND 7.50m-8.50m PALE GREY SANDY SILT 8.50m-12.50m   |              |                         |        | 0.00m-13.00m INNER LINING - CASING = Pvc   | 29/09/2003   |          | 481 North      | -37.95532844 | 145.1141766  |
| 81660 Not Known                                  |         |   |              |                         |        |  | 31/12/1970   |          | 484 North      | -37.97012947 | 145.123442   |
| 133633 Groundwater Investigation                 |         | 0.00m-1.30m FILL SAND & SANDY CLAY 1.30m-6.00m SANDY CLAY   |              |                         |        |  | 21/01/1998   |          | 496 West       | -37.99535871 | 145.1153286  |
| 124426 Groundwater Investigation                 |         |   |              |                         |        | Date/time: 1996-09-26 0000 Quality: 47 WLMP: 3.76m DBNS: 2.75m RWL: 27.60m AHD   | 7/04/1995    |          | 510 North      | -37.96564242 | 145.1263219  |
| 127109 Groundwater Investigation                 |         | 0.00m-9.00m BACK FILL FROM TIP 9.00m-16.00m GREY CLAYEY SAND 16.00m-19.00m GREY SILTY CLAY 19.00m-20.00m MUDSTONE 20.00m-30.00m SANDY MARL  |              |                         |        | 0.30m-27.00m INNER LINING - CASING = Pvc 27.00m-29.00m INNER LINING -            | 24/11/1995   |          | 513 North      | -37.96566942 | 145.1263329  |
| 133634 Groundwater Investigation                 |         | 0.00m-1.00m FILL FRAVEL & SANDY CLAY 1.00m-5.50m SANDY CLAY 5.50m-6.00m CLAYEY SAND   |              |                         |        |  | 21/01/1998   |          | 519 West       | -37.99516372 | 145.1144226  |
| 81750 Domestic                                   |         | 0.00m-0.50m GREY SANDY LOAM 0.50m-3.00m YELLOW CLAY 3.00m-3.15m SANDY LAYER MEDIUM 3.15m-5.00m WHITE GREY CL 5.00m-5.45m Sand 5.45m-6.00m Clay  |              |                         |        | 0.00m-5.00m INNER LINING - CASING = Pvc 5.00m-5.45m INNER LINING - SCF           | 4/06/1984    |          | 550 North      | -37.97880154 | 145.1224702  |
| WRK042431 Irrigation                             |         | 0.00m-4.60m MEDIUM GRAINED SAND 4.60m-5.60m GREY CLAY 5.60m-12.00m ORANGE/BROWN, VERY FINE SANDSTONE 12.00m 59.60m-62.00m Basalt  |              |                         |        | 0.00m-59.60m INNER LINING - CASING = Abs Plastic 59.60m-62.00m INNER L           | 25/11/1997   |          | 556 North West | -37.98747073 | 145.1083666  |
| 76473 Domestic                                   |         | 0.00m-0.91m BLACK TOP SOIL 0.91m-3.00m YELLOW FINE SAND 3.00m-6.10m COARSE SAND CLEAN   |              | 5.44m-6.10m Sand        |        | 0.00m-5.44m INNER LINING - CASING = Not Known 5.44m-6.10m INNER LINI             | 7/08/1983    |          | 580 South      | -38.04134676 | 145.1340911  |
| WRK979015  |         |   |              |                         |        |  |              |          | 589 North      | -37.96561985 | 145.1090869  |
| WRK070261 Observation                            |         |   |              |                         |        |  | 5/07/2012    |          | 589 North West | -37.97713122 | 145.1081767  |
| WRK070260 Observation                            |         |   |              |                         |        |  | 4/07/2012    |          | 591 North West | -37.97714887 | 145.1081535  |
| WRK070259 Observation                            |         |   |              |                         |        |  | 3/07/2012    |          | 592 North West | -37.97715177 | 145.1081419  |
| WRK070258 Observation                            |         |   |              |                         |        |  | 2/07/2012    |          | 593 North West | -37.97716652 | 145.1081302  |
| WRK069757 Observation                            |         |   |              |                         |        |  | 2/08/2012    |          | 593 North      | -37.95418654 | 145.1137391  |
| WRK069756 Observation                            |         |   |              |                         |        |  | 2/08/2012    |          | 593 North      | -37.95417826 | 145.1137849  |
| WRK069758 Observation                            |         |   |              |                         |        |  | 3/08/2012    |          | 593 North      | -37.95417826 | 145.1137849  |
| WRK069754 Observation                            |         | 0.00m-5.00m CLAY  |              | 2.00m-5.00m Clay        |        | 0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-5.00m INNER LINING - SCF           | 2/08/2012    |          | 594 North      | -37.95417753 | 145.1137394  |
| WRK069755 Observation                            |         |   |              |                         |        |  | 2/08/2012    |          | 595 North      | -37.95416834 | 145.1137282  |
| 133635 Groundwater Investigation                 |         | 0.00m-1.50m FILL SANDY LOAM 1.50m-2.00m CLAY 2.00m-6.50m SANDY CLAY   |              |                         |        |  | 21/01/1998   |          | 601 West       | -37.95588073 | 145.1141766  |
| WRK983290  |         |   |              |                         |        |  |              |          | 604 South West | -38.00432501 | 145.1029223  |
| 133627 Groundwater Investigation                 |         | 0.00m-0.50m CLAY 0.50m-1.40m FILL CRUSEHD ROCK & SILTSTONE 1.40m-4.00m CLAY   |              | 1.00m-4.00m Clay        |        | 1.00m-4.00m INNER LINING - SCREEN = Not Known                                    | 21/04/1998   |          | 611 South West | -38.00554942 | 145.101855   |
| WRK047009  |         |   |              |                         |        |  |              |          | 616 North West | -37.96792214 | 145.1076732  |
| WRK080508 Observation                            |         | 0.00m-1.00m CLAY 1.00m-15.00m FILL 15.00m-20.00m SAND   |              | 17.00m-20.00m Sand      |        | 0.00m-15.50m OUTER LINING - GRAVEL = Cement 15.50m-16.50m OUTER LIT              | 17/07/2014   |          | 629 North      | -37.95625613 | 145.1302532  |
| WRK980211 Domestic & Stock                       |         |   |              |                         |        | 0.00m-7.00m INNER LINING - CASING = Pvc 7.00m-11.50m INNER LINING - SL           | 2/04/2007    |          | 632 North      | -37.95379577 | 145.1146596  |
| WRK980209 Domestic & Stock                       |         |   |              |                         |        | 0.00m-23.00m INNER LINING - CASING = Pvc 23.00m-26.00m INNER LINING -            | 5/04/2007    |          | 632 North      | -37.95379577 | 145.1146596  |
| WRK980208 Domestic & Stock                       |         |   |              |                         |        | 0.00m-7.00m INNER LINING - CASING = Pvc 7.00m-11.50m INNER LINING - SL           | 2/04/2007    |          | 632 North      | -37.95379577 | 145.1146596  |
| WRK980210 Domestic & Stock                       |         |   |              |                         |        | 0.00m-14.00m INNER LINING - CASING = Pvc 14.00m-18.00m INNER LINING -            | 3/04/2007    |          | 632 North      | -37.95379577 | 145.1146596  |
| WRK980213 Domestic & Stock                       |         |   |              |                         |        | 0.00m-23.00m INNER LINING - CASING = Pvc 23.00m-26.00m INNER LINING -            | 5/04/2007    |          | 632 North      | -37.95379577 | 145.1146596  |
| WRK980205 Domestic & Stock                       |         |   |              |                         |        | 0.00m-6.50m INNER LINING - CASING = Pvc 6.50m-11.00m INNER LINING - SL           | 2/04/2007    |          | 632 North      | -37.95379577 | 145.1146596  |
| WRK980212 Domestic & Stock                       |         |   |              |                         |        | 0.00m-14.00m INNER LINING - CASING = Pvc 14.00m-18.00m INNER LINING -            | 3/04/2007    |          | 632 North      | -37.95379577 | 145.1146596  |
| WRK039209 Irrigation                             |         | 0.00m-0.60m TOP SOIL 0.60m-3.00m SANDY CLAY RED 3.00m-27.40m COARSE SAND AND CLAY 27.40m-36.50m CLAY 36.50m-38.4 38.40m-60.96m Sandstone  |              |                         |        | 0.00m-38.40m INNER LINING - CASING = Steel 38.40m-60.96m INNER LINING            | 22/02/1983   |          | 632 North      | -37.96301833 | 145.11330027 |
| WRK962789 Groundwater Investigation              |         | 0.00m-0.10m GARDEN BED, GRASS & MULCH 0.10m-2.00m FINE BLACK/GREY SAND 2.00m-4.00m FINE SAND 4.00m-5.00m DARK BROWN SAND 5.00m-8.00m PALE SAND 8.00m-11.50m CLAYEY 0.00m-14.00m INNER LINING - CASING = Pvc                                     |              |                         |        |  | 29/09/2003   |          | 633 North      | -37.95387297 | 145.1132919  |
| WRK041780 Dairy                                  |         |   |              |                         |        |  |              |          | 655 North      | -37.96714883 | 145.1250024  |
| WRK985144  |         |   |              |                         |        |  |              |          | 664 North      | -37.97469862 | 145.1273536  |
| WRK981666  |         |   |              |                         |        |  |              |          | 672 North      | -37.96527283 | 145.1082421  |
| 81722 Domestic                                   |         | 0.00m-1.20m TOP SOIL 1.20m-8.00m CLAY 8.00m-9.00m RIVER SAND 9.00m-0.00m ROCK (SANDSTONE)   |              | 6.00m-9.00m Sand        |        | 0.00m-6.00m INNER LINING - CASING = Pvc 6.00m-9.00m INNER LINING - SCF           | 28/02/1983   |          | 683 North      | -37.98181552 | 145.1250112  |
| WRK080507 Observation                            |         | 0.00m-3.00m CLAY 3.00m-10.00m CLAY/SAND   |              | 7.00m-10.00m Sand       |        | 0.00m-5.50m OUTER LINING - GRAVEL = Cement 5.50m-6.50m OUTER LININ               | 17/07/2014   |          | 691 North      | -37.95488546 | 145.1279322  |
| 81799 Domestic, Stock                            |         |   |              |                         |        |  | 1/01/1988    |          | 694 North      | -37.96740843 | 145.1257199  |
| WRK055245 Observation                            |         |   |              |                         |        | 0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-8.00m INNER LINING - SCF           | 23/02/2010   |          | 698 South West | -38.0009326  | 145.1138744  |
| 81754 Not Known                                  |         | 0.00m-2.00m FINE BLACK SAND 2.00m-8.00m FINE/MED MUDDY ORANGE SAND 8.00m-8.10m LIGNITE 8.10m-30.00m FINE MUDDY GREY SAND  |              |                         |        |  | 10/05/1983   |          | 702 North      | -37.96692039 | 145.1290329  |
| WRK080502 Observation                            |         | 0.00m-4.00m CLAY 4.00m-35.00m CLAY/SAND 35.00m-42.00m SILTSTONE   |              | 39.00m-42.00m Siltstone |        | 0.00m-39.00m INNER LINING - CASING = Pvc Class 9.00m-37.00m OUTER L              | 17/07/2014   |          | 705 North      | -37.95474944 | 145.1278786  |
| WRK032549 Irrigation                             |         | 0.00m-4.00m TOP SOIL AND CLAY 4.00m-43.00m SAND 43.00m-50.00m SANDSTONE AND SLATE 50.00m-55.00m SANDSTONE 55.00m-73.00m GRAVEL AND COAL AND SEA SHELLS 73.00m-85.0 0.00m-43.00m INNER LINING - CASING = Steel 0.00m-74.00m INNER LINING -       |              |                         |        |  | 3/10/1997    |          | 711 North      | -37.97312189 | 145.1279402  |
| WRK987217  |         |   |              |                         |        |  |              |          | 718 North      | -37.97121193 | 145.1274081  |
| 81791 Not Known                                  |         | 0.00m-0.50m SANDY LOAM 0.50m-1.50m FINE WHITE SAND 1.50m-2.00m DARK BROWN SANDY CLAY 2.00m-15.50m LIGHT GREY & YELLOW SANDY CLAY 15.50m-19.00m DIRTY DRIFT SAND 19.00m-36.00m GREEN MARINE SILT 36.00m-37.00m BROWN COAL 37.00m-44:             |              |                         |        |  | 5/09/1990    |          | 719 North      | -37.97348344 | 145.12807    |
| WRK039213 Miscellaneous                          |         | 0.00m-0.30m TOP SOIL 0.30m-2.40m GREY CLAY & FINE SAND 2.40m-3.60m YELLOW CLAY 3.60m-6.00m CLAY & FINE SAND 6.60m-12.10m COARSE SAND & PET 12.10m-24.00m FINE WHITE SAND 0.00m-41.00m INNER LINING - CASING = Mild Steel 42.50m-68.00m INNER LI |              |                         |        |  | 23/10/1989   |          | 760 North      | -37.95389535 | 145.1260627  |
| 127482 Groundwater Investigation, Observation, S |         | 0.00m-1.00m YELLOW AND GREY CLAY 1.00m-8.00m YELLOW SANDY CLAY 8.00m-15.00m SANDY MARL  |              |                         |        | Date/time: 0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-14.00m INNER LINING - | 16/04/1994   |          | 771 North West | -37.96761846 | 145.1059501  |
| WRK057581 Irrigation                             |         | 0.00m-2.50m Sand 2.50m-3.20m sandy Clay 3.20m-6.50m Grey Clay 6.50m-13.30m Brown Sandy Clay 13.30m-18.50m Blue Clay 18.50m-20.50m Fine Sand 20.50m-29.50m Blue Clay 29.50m-32.00m Sand 32.00m-33.00m Blue Clay                                  |              |                         |        |  | 23/09/2010   |          | 790 North East | -37.98761409 | 145.1291546  |
| 81755 Domestic                                   |         | 0.00m-0.30m TOP SOIL 0.30m-7.62m CLAY 7.62m-12.80m SAND AND CLAY  |              | 11.58m-12.80m Sand      |        | 0.00m-11.58m INNER LINING - CASING = Pvc 11.58m-12.80m INNER LINING -            | 1/06/1983    |          | 792 North      | -37.97466744 | 145.128837   |
| WRK962788 Groundwater Investigation              |         | 0.00m-4.00m FINE GRAIN SAND 4.00m-5.50m FINE LIGHT GREY SAND 5.50m-6.00m LIGHT GREY CLAYEY SAND 6.00m-11.00m FINE PALE GREY SAND 11.00m-13.00m GREY SAND 13.00m-16.00m GRAVEL   |              |                         |        |  | 25/09/2003   |          | 792 North      | -37.95240767 | 145.1168917  |
| 81782 Not Known                                  |         | 0.00m-1.80m NO RETURNS 1.80m-4.90m SAND FINE SILTY ORANGE 4.90m-6.40m NO RETURNS 6.40m-10.20m SAND COARSE WHI 8.00m-33.00m Sand   |              |                         |        | 0.00m-8.00m INNER LINING - CASING = Pvc 8.00m-33.00m INNER LINING - SC           | 6/02/1990    |          | 796 North      | -37.95252742 | 145.1193827  |
| 81808 Not Known                                  |         |   |              |                         |        |  | 1/01/1988    |          | 800 North      | -37.98420451 | 145.1279112  |
| 81738 Domestic                                   |         | 0.00m-1.50m GREY LOAM AND SAND 1.50m-3.00m GREY FIRM SAND 3.00m-4.52m GREY FINE SAND AND CLAY 4.52m-6.10m GREY 7.62m-18.50m Clay 18.50m-19.81m Sand   |              |                         |        | 0.00m-7.62m INNER LINING - CASING = Pvc 7.62m-18.50m INNER LINING - SC           | 14/09/1983   |          | 804 North      | -37.97655146 | 145.128333   |
| WRK080504 Observation                            |         | 0.00m-4.50m CLAY 4.50m-6.70m CLAY/SAND 6.70m-10.00m SAND  |              | 7.00m-10.00m Sand       |        | 0.00m-0.30m OUTER LINING - GRAVEL = Cement 0.30m-4.50m OUTER LININ               | 3/07/2014    |          | 807 North      | -37.95481992 | 145.1311774  |
| WRK080505 Observation                            |         | 0.00m-4.50m CLAY 4.50m-6.70m CLAY/SAND 6.70m-10.00m SAND  |              | 7.00m-10.00m Sand       |        | 0.00m-0.30m OUTER LINING - GRAVEL = Cement 0.30m-5.50m OUTER LININ               | 3/07/2014    |          | 807 North      | -37.95481992 | 145.1311774  |
| WRK981862  |         |   |              |                         |        |  |              |          | 817 North      | -37.97802569 | 145.1274626  |
| WRK039206 Irrigation                             |         |   |              |                         |        |  | 31/12/1970   |          | 820 North      | -37.97868149 | 145.1268561  |
| WRK042465 Irrigation                             |         |   |              |                         |        |  | 31/12/1970   |          | 837 North      | -37.95204649 | 145.1129769  |
| 81674 Not Known                                  |         | 0.00m-0.30m SURFACE SOIL 0.30m-1.52m CLAY 1.52m-3.35m SANDY CLAY 3.35m-6.10m SLOPPY CLAYEY SAND 6.10m-7.62m CLAY MOTTLEY 7.62m-10.67m BROWN CLAYEY SAND 10.67m-11.28m BLACK CLAY 11.28m-17.07m MARINE STICKY SAND CLAY 17.07m-27.32m h          |              |                         |        |  | 6/01/1970    |          | 842 North      | -37.96784238 | 145.1303759  |
| 81733 Not Known                                  |         | 0.00m-0.35m TOP SANDY LOAM 0.35m-12.19m GREEN AND YELLOW CLAY 12.19m-13.00m BROWN WATER BEARING SANDY CLAY 24.38m-39.49m Clay   |              |                         |        | 0.00m-24.38m INNER LINING - CASING = Galvanised Iron 24.38m-39.49m INN           | 20/02/1983   |          | 848 North West | -37.96183165 | 145.1038931  |
| 81717 Domestic, Stock                            |         | 0.00m-1.00m SAND BROWN 1.00m-1.80m SAND GREY 1.80m-3.00m CEMENTED FERRUGINOUS PIECES 3.00m-7.00m CLAYEY SAND 12.00m-16.20m Silt   |              |                         |        | 0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-16.20m INNER LINING -            | 13/08/1981   |          | 848 North      | -37.97413743 | 145.129533   |
| 80524 Not Known                                  |         | 0.00m-1.00m TOP SOIL 1.00m-8.00m GREY AND ORANGE CLAY 8.00m-9.00m BROWN MED COARSE SAND 9.00m-14.00m BROWN FINE/MED/COARSE SAND AND LIGNETIC SAND 14.00m-20.00m SANDY GREY AND ORANGE CLAY 20.00m-45.00m GREEN SILT AND LIMESTO                 |              |                         |        | 0.00m-54.00m INNER LINING - CASING = Steel 54.00m-122.00m INNER LININ            | 29/09/1983   |          | 862 North      | -37.9519605  | 145.1121138  |
| 81731 Not Known                                  |         | 0.00m-7.62m FINE BLUE CLAY 7.62m-11.27m FINE ORANGE CLAY 11.27m-44.80m MED/COARSE SILTY SAND 44.80m-52.70m SILTY 54.00m-122.00m Sandstone   |              |                         |        | 0.00m-63.00m INNER LINING - CASING = Pvc 63.00m-110.00m INNER LINING             | 16/02/1983   |          | 862 South West | -38.00093687 | 145.1035698  |
| WRK042486 Irrigation                             |         | 0.00m-0.30m TOP SOIL 0.30m-6.00m CLAY 6.00m-14.00m SANDY CLAY 14.00m-26.00m MARL 26.00m-39.00m LIMESTONE AND CL 110.00m-181.00m Shale   |              |                         |        | 0.00m-7.70m INNER LINING - CASING = Pvc 7.70m-28.70m INNER LINING -              | 6/03/2004    |          | 873 North West | -37.96402716 | 145.1047567  |
| 81780 Not Known                                  |         | 0.00m-6.10m NO RETURNS 6.10m-9.10m CLAY 9.10m-11.40m SAND 11.40m-15.20m SAND LIGNEOUS NODULES 15.20m-16.80m S4 7.70m-28.70m Sand  |              |                         |        | 0.00m-7.70m INNER LINING - CASING = Pvc 7.70m-28.70m INNER LINING -              | 31/01/1990   |          | 901 North      | -37.95137047 | 145.1146328  |
| WRK963468 Domestic & Stock                       |         | 0.00m-4.50m CLAY 4.50m-9.50m VERY FINE SAND, CLAY & SLIME   |              |                         |        |  |              |          |                |              |              |

| Station   | UseType                                   | DrillersLog   | Stratigraphy                       | Geology                 | Levels | Construction  | CompletedDate | Distance | Direction  | Latitude     | Longitude   |
|-----------|---|---|------------------------------------|-------------------------|--------|---|---------------|----------|------------|--------------|-------------|
| 133612    | Irrigation                                | 0.00m-52.00m SILTY SANDS & CLAYEY MARLS SOME FILLING ENCOUNTERED AT 5-9 M   | 52.00m-150.00m FRIM GREY MUDSTONES | 52.00m-150.00m Mudstone |        | 0.30m-52.00m INNER LINING - CASING = Steel 52.00m-150.00m INNER LININ             | 24/11/1997    | 980      | North West | -37.96606767 | 145.1039552 |
| 81661     | Domestic                                  |   |                                    |                         |        | 31/12/1970  | 985           | North    |            | -37.95068748 | 145.1130798 |
| 81783     | Not Known                                 | 0.00m-6.40m NO RETURNS 6.40m-9.50m SILTY SANDY 9.50m-14.00m SAND FINE/MEDIUM 14.00m-14.90m SAND FINE/COARSE 14.90m-36.00m Sand  |                                    |                         |        | 0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-36.00m INNER LINING - SC            | 9/02/1990     | 986      | North      | -37.95071342 | 145.1186327 |
| 76444     | Domestic                                  | 0.00m-0.61m BLACK LOAM SAND TOP SOIL 0.61m-2.40m BLACK GREY SAND 2.40m-3.61m GREY COARSE SAND   |                                    | 2.74m-3.61m Sand        |        | 0.00m-2.74m INNER LINING - CASING = Pvc 2.74m-3.61m INNER LINING - SCF            | 9/11/1983     | 987      | South      | -38.04464381 | 145.1317282 |
| 81794     | Groundwater Investigation                 | 0.00m-33.00m GREY & BROWN SAND 33.00m-34.10m GREY SILTSTONE   |                                    |                         |        | 0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-34.10m INNER LINING - SC            | 20/08/1990    | 995      | North      | -37.95134236 | 145.1241937 |
| WRK987435 |   |   |                                    |                         |        |   |               | 1003     | West       | -38.00060382 | 145.1012872 |
| 81420     | Observation                               | 0.00m-1.50m SAND 1.50m-4.60m SANDY CLAY 4.60m-9.90m SAND 9.90m-10.70m DARK CLAY COAL 10.70m-13.70m SANDY CLAY 13.70m-14.30m BAND BLACK COAL 14.30m-18.30m Date/time:  |                                    |                         |        | 0.00m-60.96m INNER LINING - CASING = Pvc  | 31/01/1973    | 1019     | North      | -37.95171454 | 145.1080229 |
| 81806     | Not Known                                 |   |                                    |                         |        |   | 1/01/1988     | 1022     | North      | -37.95281328 | 145.1136676 |
| 81763     | Domestic                                  | 0.00m-0.30m SURFACE SOIL 0.30m-0.60m GREY SAND 0.60m-4.20m CLAY 4.20m-14.00m SANDY CLAY 14.00m-15.80m SLOPPY CLA 15.80m-17.90m Sand   |                                    |                         |        | 0.00m-15.80m INNER LINING - CASING = Pvc 15.80m-17.90m INNER LINING -             | 1/09/1983     | 1025     | North East | -37.98224448 | 145.1293271 |
| 133628    | Groundwater Investigation                 | 0.00m-0.80m SILTY 0.80m-2.00m SILTY CLAY 2.00m-4.00m SILTY SANDY CLAY   |                                    | 1.00m-4.00m Clay        |        | 1.00m-4.00m INNER LINING - SCREEN = Not Known                                     | 21/04/1998    | 1028     | South West | -38.00444096 | 145.091329  |
| 81739     | Domestic                                  | 0.00m-1.50m GREY SANDY LOAM 1.50m-4.52m YELLOW CLAY 4.52m-9.10m YELLOW ORANGE CLAY 9.10m-10.60m MEDIUM SAND 6.40m-18.00m Clay 18.50m-19.51m Clay  |                                    |                         |        | 0.00m-6.40m INNER LINING - CASING = Pvc 6.40m-18.00m INNER LINING - SC            | 13/12/1983    | 1029     | North      | -37.97435041 | 145.131577  |
| WRK982968 |   |   |                                    |                         |        |   |               | 1033     | South East | -38.01012637 | 145.1400065 |
| 81761     | Domestic, Stock                           | 0.00m-1.00m FILL BRICK RUBBLE 1.00m-3.00m SAND YELLOW 3.00m-6.00m SANDY CLAY 6.00m-9.00m CLAY 9.00m-13.50m SAND 112.00m-13.50m Sand   |                                    |                         |        | 0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-13.50m INNER LINING -             | 31/12/1983    | 1053     | North East | -37.98243347 | 145.1298921 |
| WRK072380 | Observation                               | 0.00m-0.40m FILLbuilding ruble/clay 0.40m-0.80m Dark peaty clay 0.80m-3.00m Mottled silty clay 3.00m-5.00m SANDY clay/silt 5.01.50m-6.00m Clay  |                                    |                         |        | 0.00m-1.50m INNER LINING - CASING = Pvc 1.50m-6.00m INNER LINING - SCF            | 27/05/2013    | 1055     | West       | -38.00064516 | 145.1002909 |
| WRK072379 | Observation                               | 0.00m-0.40m Rubble 0.40m-0.70m Black silt 0.70m-2.50m CLAY 2.50m-4.20m CLAYey sand/silt   |                                    | 1.20m-4.20m Clay        |        | 0.00m-1.20m INNER LINING - CASING = Pvc 1.20m-4.20m INNER LINING - SLC            | 28/05/2013    | 1055     | West       | -38.0005522  | 145.1004763 |
| WRK981643 |   |   |                                    |                         |        |   |               | 1058     | East       | -37.99662258 | 145.1357584 |
| 112414    | Groundwater Investigation                 | 0.00m-0.30m SILTY TOP SOIL 0.30m-0.80m TIP FILL 0.80m-3.00m SILTY SAND 3.00m-12.00m YELLOW SILTY CLAY SAND 12.00m-12.19.25m-25.00m Sand   |                                    |                         |        | -0.10m-19.25m INNER LINING - CASING = Pvc 19.25m-25.00m INNER LINING              | 9/01/1992     | 1061     | North      | -37.94993645 | 145.1151248 |
| WRK072382 | Observation                               | 0.00m-0.30m GRAss/topsoil 0.30m-0.50m FILL/rubblegritty material 0.50m-0.70m Ddark silty clay 0.70m-2.00m Stiff clay/yellow mc 1.00m-4.00m Clay   |                                    |                         |        | 0.00m-1.00m INNER LINING - CASING = Pvc 1.00m-4.00m INNER LINING - SCF            | 27/05/2013    | 1066     | West       | -38.00032529 | 145.1005724 |
| WRK989785 |   |   |                                    |                         |        |   |               | 1071     | North      | -37.96898622 | 145.1330881 |
| WRK072384 | Observation                               | 0.00m-0.40m CLAY& some rubble bricks concretesome rocks 0.40m-0.80m Stlurbed clay 2.50m-3.00m SILty clay & sand 3.00m-4.1.50m-4.50m Clay  |                                    |                         |        | 0.00m-1.50m INNER LINING - CASING = Pvc 1.50m-4.50m INNER LINING - SCF            | 28/05/2013    | 1072     | West       | -38.00047309 | 145.1002384 |
| WRK072381 | Observation                               | 0.00m-0.30m FILL/disturbed clay some rubble 0.30m-0.70m CLAYey silt/black 0.70m-1.50m SANDY clay/dense 1.50m-2.50m SANDY 1.20m-4.20m Clay   |                                    |                         |        | 0.00m-1.20m INNER LINING - CASING = Pvc 1.20m-4.20m INNER LINING - SCF            | 27/05/2013    | 1074     | West       | -38.00040232 | 145.1003199 |
| 133626    | Groundwater Investigation                 | 0.00m-1.00m CLAY SAND 1.00m-3.50m CLAY SAND FINE  |                                    |                         |        | 0.50m-3.50m INNER LINING - SCREEN = Not Known                                     | 21/04/1998    | 1081     | South West | -38.00228994 | 145.098068  |
| 133613    | Irrigation                                | 0.00m-50.00m SILTY SANDS & CLAYEY MARLS 50.00m-150.00m SOFT GREY MUDSTONE   |                                    | 50.00m-150.00m Mudstone |        | -0.30m-50.00m INNER LINING - CASING = Steel 50.00m-150.00m INNER LININ            | 22/11/1997    | 1084     | North West | -37.96260168 | 145.1013692 |
| 80581     | Stock                                     | 0.00m-8.00m CLAYEY SAND 8.00m-10.00m FINE WHITE SAND 10.00m-17.00m BLACK SAND 17.00m-29.00m FINE BLACK SILTY SANI 68.00m-80.00m Granite   |                                    |                         |        | 0.00m-68.00m INNER LINING - CASING = Steel 68.00m-80.00m INNER LINING             | 17/02/1984    | 1085     | North      | -37.95142955 | 145.1071199 |
| WRK043124 | Not Known                                 |   |                                    |                         |        |   | 1/01/1988     | 1086     | East       | -37.99583185 | 145.1359037 |
| WRK071464 | Observation                               |   |                                    |                         |        |   | 11/10/2012    | 1095     | South      | -38.03620108 | 145.1226776 |
| WRK071463 | Observation                               |   |                                    |                         |        |   | 11/10/2012    | 1101     | South      | -38.03622719 | 145.12262   |
| WRK071461 | Observation                               | 0.00m-0.60m SOIL 0.60m-7.30m SAND   |                                    | 3.00m-7.50m Sand        |        | 0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-7.50m INNER LINING - SCF            | 11/10/2012    | 1102     | South      | -38.03622701 | 145.1226086 |
| WRK071462 | Observation                               |   |                                    |                         |        |   | 11/10/2012    | 1102     | South      | -38.03622701 | 145.1226086 |
| 76497     | Domestic                                  | 0.00m-3.00m SAND  |                                    | 2.20m-3.00m Sand        |        | 0.00m-2.20m INNER LINING - CASING = Galvanised Iron 2.20m-3.00m INNER             | 31/12/1984    | 1104     | South      | -38.04760177 | 145.1363822 |
| WRK986210 |   |   |                                    |                         |        |   |               | 1144     | West       | -37.99647772 | 145.1058349 |
| WRK058438 | Irrigation                                | 0.00m-42.00m SAND 42.00m-55.00m MUD STONE 55.00m-68.00m BASALT 68.00m-87.00m SAND 87.00m-95.00m CLAY 95.00m-10.00m-42.50m Mudstone 45.50m-84.50m Basalt   |                                    |                         |        | 0.00m-42.50m INNER LINING - CASING = Steel 45.50m-84.50m INNER LINING             | 21/09/2009    | 1146     | North West | -37.96311671 | 145.1008304 |
| WRK080506 | Observation                               | 0.00m-1.50m CLAY 1.50m-7.30m CLAY/SAND 7.30m-13.10m SAND  |                                    | 10.10m-13.10m Sand      |        | 0.00m-0.30m OUTER LINING - GRAVEL = Cement 0.30m-8.50m OUTER LININ                | 3/07/2014     | 1156     | North      | -37.95124818 | 145.1309834 |
| WRK992071 |   |   |                                    |                         |        |   |               | 1162     | South      | -38.02638351 | 145.1162409 |
| WRK032660 | Irrigation                                | 0.00m-0.30m TOPSOIL 0.30m-1.80m DARK GREY CLAY 1.80m-3.50m YELLOW CLAY 3.50m-19.00m YELLOW & GREY CLAY 19.00m-22.00m BLACK SILT 22.00m-25.60m DECOMPOSED BASALT 25.60.50m-26.00m INNER LINING - CASING = Pvc 26.00m-51.00m INNER LINING |                                    |                         |        | 0.00m-26.00m INNER LINING - CASING = Pvc 26.00m-51.00m INNER LINING               | 8/07/1998     | 1164     | South East | -38.04580663 | 145.148222  |
| WRK043168 | Irrigation                                |   |                                    |                         |        |   | 1/01/1982     | 1168     | South East | -38.00080443 | 145.1372764 |
| WRK039208 | Irrigation                                |   |                                    |                         |        | 0.00m-60.35m INNER LINING - CASING = Not Known 56.08m-60.35m INNER LI             | 31/12/1963    | 1178     | West       | -37.99996492 | 145.0991529 |
| 81732     | Domestic, Stock                           | 0.00m-3.00m SANDY LOAM 3.00m-10.60m MOTTLED CLAY FIRM SANDY 10.60m-39.30m SAND, SILTY FIRM (FINE) 39.30m-42.60m /39.30m-42.60m Sandstone  |                                    |                         |        | 0.00m-39.30m INNER LINING - CASING = Steel 39.30m-42.60m INNER LINING             | 12/11/1982    | 1187     | North      | -37.96882433 | 145.1354738 |
| WRK984897 |   |   |                                    |                         |        |   |               | 1198     | North West | -37.96330625 | 145.1002905 |
| 81740     | Not Known                                 | 0.00m-1.00m TOP SOIL AND SAND 1.00m-4.00m SANDY CLAY 4.00m-11.00m SAND GRAVEL AND CLAY 11.00m-18.00m SANDY CLAY GREY 18.00m-24.00m CLAY WITH BANDS OF SAND STONE 24.00m-68.00m GREEN BLUE CLAY MARINE                                   |                                    |                         |        |   | 4/02/1983     | 1212     | West       | -38.00137295 | 145.0970767 |
| 81742     | Not Known                                 | 0.00m-2.00m SANDY CLAY GREY 2.00m-3.00m SANDY CLAY WHITE 3.00m-5.00m SANDY CLAY GREY 5.00m-9.00m COARSE GRAVEL 9.00m-10.00m SANDY CLAY GREY 10.00m-23.00m SANDY CLAY BLACK 23.00m-50.00m CLAY SANDY GREY WITH PLEATS OF MICA 50.00m-6   |                                    |                         |        |   | 3/02/1983     | 1212     | West       | -38.00137295 | 145.0970767 |
| 81741     | Not Known                                 | 0.00m-1.00m TOP SOIL AND SAND 1.00m-6.00m SANDY CLAY GREY 6.00m-18.00m SANDY CLAY BANDS SANDSTONE 18.00m-23.00m GREY CLAY WITH CHIPS OF SANDSTONE 23.00m-58.00m GREY SANDY CLAY WITH BROWN CAOL 58.00m-59.00m HARD BAND BASALT 59       |                                    |                         |        |   | 3/02/1983     | 1212     | West       | -38.00137295 | 145.0970767 |
| 81743     | Irrigation                                | 0.00m-4.00m OLD TIP-FILLED 4.00m-49.00m SILTY CLAY 49.00m-51.00m HARD BAND 51.00m-57.50m WEATHERED BASALT 57.50m-63.00m BASALT 63.00m-65.00m WOODY CLAY/COAL 65.00m-58.00m INNER LINING - CASING = Steel 58.00m-67.50m INNER LINING     |                                    |                         |        |   | 3/11/1983     | 1217     | West       | -38.00128295 | 145.0970689 |
| WRK984494 |   |   |                                    |                         |        |   |               | 1223     | North      | -37.95899317 | 145.1399717 |
| 81697     | Domestic, Stock                           | 0.00m-1.52m TOP AND SUB SOILS 1.52m-3.05m YELLOW SANDY CLAY 3.05m-3.66m GREY/WHITE CLAY 3.66m-4.88m ORANGE SANDY CLAY 4.88m-7.31m PURE WHITE FINE SAND  |                                    |                         |        | 0.00m-7.31m INNER LINING - CASING = Not Known 1.52m-7.31m INNER LINII             | 6/01/1973     | 1225     | North      | -37.95526022 | 145.1382065 |
| 115902    | Groundwater Investigation                 | 0.00m-15.00m BROWN & GREY SILTY SANDS   |                                    |                         |        | 0.00m-13.00m INNER LINING - CASING = Pvc 13.00m-15.00m INNER LINING -             | 7/06/1993     | 1232     | North      | -37.94839045 | 145.1142537 |
| 115903    | Groundwater Investigation                 | 0.00m-15.00m BROWN & GREY SILTY SANDS   |                                    |                         |        | 0.00m-13.00m INNER LINING - CASING = Pvc 13.00m-15.00m INNER LINING -             | 7/06/1993     | 1241     | North      | -37.94830945 | 145.1148247 |
| 129903    | Groundwater Investigation, Observation    | 0.00m-7.00m CLAY 7.00m-11.00m SAND 11.00m-15.00m MUDSTONE 15.00m-33.00m SAND 33.00m-45.00m MUDSTONE 45.00m-54.00m GREEN MUDSTONE 54.00m-58.00m COAL 58.00m-87.00m-4.20m INNER LINING - CASING = Not Known -0.30m-91.00m INNER LI        |                                    |                         |        | 0.00m-13.00m INNER LINING - CASING = Pvc 13.00m-15.00m INNER LINING -             | 7/02/1997     | 1249     | North West | -37.97084376 | 145.0983498 |
| WRK972024 |   |   |                                    |                         |        |   |               | 1249     | South East | -38.01332047 | 145.1511112 |
| WRK039214 | Irrigation                                | 0.00m-6.50m GREY STICKY SILTY SAND 6.50m-26.00m BLACK MED GRAINED SAND 26.00m-28.90m BLACK-GREY COARSE SAND AND GRAVEL 28.90m-35.60m YELLOW/BROWN CLAYEY SAND 35.60m-54.38m INNER LINING - CASESCRN = Not Known                         |                                    |                         |        | 0.00m-54.38m INNER LINING - CASESCRN = Not Known                                  | 29/07/1990    | 1260     | North West | -37.95563966 | 145.0999551 |
| WRK964690 |   |   |                                    |                         |        |   |               | 1261     | South East | -38.01338641 | 145.1513394 |
| 125269    | Groundwater Investigation, State Observat | 0.00m-2.00m DRY SAND 2.00m-8.00m SANDY CLAY 8.00m-11.00m GRAVEL SILT & CLAY 11.00m-17.00m YELLOW SILTY CLAY 17.00m-28.00m GREY SILTY CLAY   |                                    |                         |        | Date/time: 0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-10.50m INNER LINING - SC | 13/01/1995    | 1267     | North East | -37.97753211 | 145.1334986 |
| 81753     | Domestic                                  | 0.00m-1.50m GREY BLACK LOAM 1.50m-3.00m BROWN SAND 3.00m-5.00m SAND GREY SILT, SOME GRAVEL 5.00m-7.00m SAND A 12.00m-12.40m SANDY CLAY 12.40m-13.70m Gravel   |                                    |                         |        | 0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-12.40m INNER LINING -             | 1/04/1985     | 1288     | North West | -37.96030371 | 145.0985832 |
| WRK054563 | Observation                               |   |                                    |                         |        |   | 1/07/2010     | 1289     | West       | -38.00019397 | 145.0971182 |
| WRK046823 | Observation                               | 0.00m-0.30m TOP SOIL 0.30m-15.00m SANDY CLAYS & IRONSTONE 15.00m-56.80m MARL LAYERS UP TO 300MM THICK 56.80m-57.00m-75.00m Marl 75.00m-91.00m Shale   |                                    |                         |        | 0.00m-75.00m INNER LINING - CASING = Pvc 11.00m-75.00m OUTER LINING               | 29/08/2005    | 1290     | South West | -38.01138914 | 145.0942957 |
| 81746     | Domestic                                  | 0.00m-3.05m BROWN CLAY 3.05m-15.24m BROWN SANDY CLAY 15.24m-24.38m BLUE GREY GRAVELLY CLAY 24.38m-39.62m GREY 33.05m-38.10m Clay 39.92m-41.15m Clay   |                                    |                         |        | 0.00m-4.57m INNER LINING - CASING = Pvc 0.00m-33.05m INNER LINING - C             | 28/02/1982    | 1294     | South East | -38.00332448 | 145.1401803 |
| WRK054562 | Observation                               |   |                                    |                         |        |   | 1/07/2010     | 1294     | West       | -38.00013091 | 145.0971199 |
| 134538    | Groundwater Investigation                 | 0.00m-1.00m SILTY SAND 1.00m-2.00m SANDY CLAY 2.00m-4.00m CLAYEY SAND 4.00m-5.00m SANDY CLAY 5.00m-8.50m CLAYEY SAND  |                                    |                         |        | 0.00m-7.00m INNER LINING - CASING = Pvc Class 18 7.00m-8.50m INNER LINI           | 17/07/1996    | 1300     | North West | -37.95402564 | 145.1004521 |
| 134539    | Groundwater Investigation                 | 0.00m-0.80m SILTY SAND 0.80m-3.50m SANDY GRAVELLY CLAY 3.50m-4.50m SANDY CLAY 4.50m-9.50m SAND  |                                    |                         |        | 0.00m-7.50m INNER LINING - CASING = Pvc Class 18 7.50m-9.50m INNER LINI           | 17/07/1996    | 1300     | North West | -37.95402564 | 145.1004521 |
| 134544    | Groundwater Investigation                 | 0.00m-0.80m FILL 0.80m-2.50m SANDY GRAVELLY CLAY 2.50m-3.00m SILTY SAND 3.00m-9.50m CLAYEY SILTY SAND   |                                    |                         |        | 0.00m-8.00m INNER LINING - CASING = Pvc Class 18 8.00m-9.50m INNER LINI           | 18/07/1996    | 1300     | North West | -37.95402564 | 145.1004521 |
| 134541    | Groundwater Investigation                 | 0.00m-0.80m ORGANIC SILTY SAND 0.80m-3.00m SANDY CLAY 3.00m-4.00m CLAYEY SAND 4.00m-4.50m SANDY CLAY  |                                    |                         |        | 0.00m-4.00m INNER LINING - CASING = Pvc Class 18 4.00m-4.50m INNER LINI           | 17/07/1996    | 1300     | North West | -37.95402564 | 145.1004521 |
| 134540    | Groundwater Investigation                 | 0.00m-0.80m ORGANIC SILTY SAND 0.80m-1.80m SANDY CLAY 1.80m-3.20m CLAYEY SAND 3.20m-5.80m SANDY CLAY 5.80m-7.00m CLAYEY SAND 7.00m-8.50m SILTY CLAYEY SAND  |                                    |                         |        | 0.00m-7.00m INNER LINING - CASING = Pvc Class 18 7.00m-8.50m INNER LINI           | 17/07/1996    | 1300     | North West | -37.95402564 | 145.1004521 |
| 134543    | Groundwater Investigation                 | 0.00m-0.80m ORGANIC SILTY SAND 0.80m-5.50m SANDY CLAY 5.50m-5.60m CLAYEY SAND 5.60m-8.50m SILTY CLAY  |                                    |                         |        | 0.00m-7.00m INNER LINING - CASING = Pvc Class 18 7.00m-8.50m INNER LINI           | 17/07/1996    | 1300     | North West | -37.95402564 | 145.1004521 |
| 134542    | Groundwater Investigation                 | 0.00m-1.80m ORGANIC SILTY SAND 1.80m-2.80m SANDY CLAY 2.80m-4.20m CLAYEY SILTY SAND 4.20m-6.20m SANDY CLAY 6.20m-9.50m CLAYEY SAND  |                                    |                         |        | 0.00m-8.00m INNER LINING - CASING = Pvc Class 18 8.00m-9.50m INNER LINI           | 17/07/1996    | 1300     | North West | -37.95402564 | 145.1004521 |
| WRK032943 | Irrigation                                | 0.00m-60.00m SAND / CLAY 60.00m-95.00m GRANITE  |                                    |                         |        | 0.00m-60.00m INNER LINING - CASING = Steel 60.00m-75.00m INNER LINING             | 24/05/2000    | 1305     | North      | -37.94790348 | 145.1119988 |
| WRK99056  |   | 0.00m-0.20m FINE DRY SAND 0.20m-2.00m DARK SAND CLAY SHELLS 2.00m-4.10m LIGNIOUS SILTY SAND 4.10m-11.80m MEDIUM- 13.00m-19.00m Sand   |                                    |                         |        |   |               |          |            |              |             |

| Wells     | Use/Type  | Drillers Log  | Geology                           | Levels  | Construction  | Completed/Date | Distance   | Direction    | Latitude     | Longitude   |
|-----------|---|---|-----------------------------------|---|---|----------------|------------|--------------|--------------|-------------|
| 81435     | Groundwater Investigation, Observation, State Observation Network | State Observation Network   |                                   |   | Date/Time: 0.00m-16.50m INNER LINING - CASING = Pvc | 29/04/1976     | 1473       | North East   | -37.96684426 | 145.1413287 |
| 76564     | Domestic  | 0.00m-3.00m NO DETAILS AVAILABLE  |                                   |   | 0.00m-3.00m INNER LINING - CASING = Pvc             | 17/03/1983     | 1477       | South        | -38.0443589  | 145.1243293 |
| 109633    | Observation, State Observation Network                            |   | 18.29m-30.48m Marl                | Date/Time: 0.00m-18.29m INNER LINING - CASING = Pvc 18.29m-30.48m INNER LINING -  | 30/07/1973  | 1501           | North East | -37.9662254  | 145.1420277  |             |
| 109632    | Observation, State Observation Network                            | 0.00m-0.60m TOP SOIL 0.60m-11.90m SANDY CLAY GREY 11.90m-16.20m DARK BROWN SILTY COAL 16.20m-18.90m BROWN CLAY 9.14m-15.24m Coal  |                                   | Date/Time: 0.00m-9.14m INNER LINING - CASING = Pvc 9.14m-15.24m INNER LINING - SC | 30/07/1973  | 1501           | North East | -37.96622524 | 145.1420277  |             |
| 81678     | Domestic, Stock   | 0.00m-0.91m DARK SANDY SOIL 0.91m-2.44m GREY AND BROWN SAND CLAY 2.44m-4.57m GREY BROWN CLAY 4.57m-7.31m FATTY FINE COARSE SAND 7.31m-11.28m FINE FATTY CLAYED SAND 0.00m-11.27m INNER LINING - CASING = Not Known 11.27m-12.80m INNER L  |                                   | Date/Time: 0.00m-11.27m INNER LINING - CASING = Not Known 11.27m-12.80m INNER L   | 30/11/1972  | 1513           | West       | -37.99906898 | 145.0949836  |             |
| WRK991269 | Observation   |   |                                   |   |   | 14/04/2010     | 1513       | North East   | -37.96176991 | 145.1434666 |
| WRK056197 | Observation   | 0.00m-5.00m sandy clay  | 0.00m-1.50m Clay 1.50m-5.00m Clay | 0.00m-1.50m INNER LINING - CASING = Pvc 1.50m-5.00m INNER LINING - SCF            | 13/04/2010  | 1512           | North East | -37.96176991 | 145.1434666  |             |
| 81714     | Domestic, Stock   | 0.00m-3.05m TOP SOIL 3.05m-6.10m SAND 6.10m-12.19m CLAY RED 12.19m-18.29m CLAY BROWN 18.29m-24.38m GRAVEL 24.38 18.29m-30.48m Gravel 41.15m-42.67m Sand   |                                   | 0.00m-18.29m INNER LINING - CASING = Pvc Class 9 18.29m-30.48m INNER LIN          | 27/02/1983  | 1553           | North East | -37.98561441 | 145.1372121  |             |
| 124236    | Groundwater Investigation   |   |                                   | 0.00m-13.80m INNER LINING - CASING = Pvc 13.80m-17.80m INNER LINING -             | 7/12/1993   | 1524           | North East | -37.96845927 | 145.1408327  |             |
| WRK960319 | Domestic & Stock  | 0.00m-0.30m TOPSOIL 0.30m-1.80m GREY CLAY 1.80m-3.50m ORANGE & GREY CLAY 3.50m-10.00m GREY SILTY CLAY 10.00m-19.0 27.00m-58.00m Granite   |                                   | 0.40m-27.00m INNER LINING - CASING = Pvc 27.00m-58.00m INNER LINING -             | 19/12/2002  | 1531           | South East | -38.0290613  | 145.1567075  |             |
| WRK068620 | Observation   | 0.00m-1.00m FILL 1.00m-5.00m SAND   | 0.50m-5.00m Sand                  | 0.00m-0.50m INNER LINING - CASING = Pvc 0.50m-5.00m INNER LINING - SCF            | 23/03/2012  | 1532           | North East | -37.96163838 | 145.1437006  |             |
| 76486     | Domestic  | 0.00m-5.00m PROBABLY SAND   |                                   | 0.00m-5.00m INNER LINING - CASING = Pvc   | 31/12/1983  | 1533           | South      | -38.0402379  | 145.1201515  |             |
| 124526    | Domestic  | 0.00m-0.50m SANDY LOAM 0.50m-18.00m SAND/CLAY 18.00m-50.00m SILT/CLAY 50.00m-56.00m SAND  |                                   | 0.00m-53.00m INNER LINING - CASING = Pvc 53.00m-56.00m INNER LINING -             | 6/10/2000   | 1538           | South West | -38.00685805 | 145.090775   |             |
| 81816     | Groundwater Investigation   | 0.00m-1.00m SAND FINE WHITE 1.00m-2.74m SILTY SAND BROWN 2.74m-10.70m FINE SANDY CLAY BROWN/RED 10.70m-12.00m COARSE CLAYEY SAND BROWN 12.00m-17.45m MEDIUM GRA   |                                   | 0.30m-10.00m INNER LINING - CASING = Pvc 10.00m-20.00m INNER LINING -             | 3/09/1991   | 1552           | North East | -37.97146632 | 145.1379613  |             |
| WRK992181 | Groundwater Investigation   | 0.00m-3.00m fill clay 3.00m-9.00m silty sand  |                                   | 0.00m-6.00m INNER LINING - CASING = Pvc 6.00m-9.00m INNER LINING - SCF            | 5/08/2009   | 1567           | North East | -37.9486997  | 145.101816   |             |
| WRK91460  | Groundwater Investigation   | 0.00m-5.00m clay 5.00m-7.00m coarse sands   |                                   | 0.00m-4.00m INNER LINING - CASING = Pvc 4.00m-7.00m INNER LINING - SCF            | 23/06/2009  | 1575           | North East | -37.949147   | 145.109261   |             |
| WRK042424 | Irrigation  |   |                                   |   | 31/05/1996  | 1579           | North West | -37.96889779 | 145.0950604  |             |
| 140374    | Groundwater Investigation   | 0.00m-1.00m SAND, SOME SILT & GRAVEL, DARK BROWN, LOOSE 1.00m-2.00m SANDY CLAY, FINE TO COARSE SAND, SOFT TO FIRM 2.00m-6.00m SANDY CLAY, LIGHT GREY, SAND FINE-MEDIUM 6.00m-15.0m INNER LINING - CASING = Pvc Class 18 5.0m-6.00m INNER LINI   |                                   | 0.00m-2.00m INNER LINING - CASING = Pvc Class 18 2.00m-6.00m INNER LINI           | 13/04/1999  | 1599           | North West | -37.97316482 | 145.0942215  |             |
| 140378    | Groundwater Investigation   | 0.00m-1.00m SILTY SAND, DARK BROWN, FINE-COARSE GRAINED, MOIST 1.00m-3.00m SAND, SOME CLAY, GREY/ORANGE, FINE TO COARSE, MOI 3.00m-4.00m SANDY CLAY, FINE TO COARSE, MOI 4.00m-5.00m SANDY CLAY, FINE TO COARSE, MOI 5.00m-6.00m SANDY CLAY, FINE TO COARSE, MOI 6.00m-7.00m SANDY CLAY, FINE TO COARSE, MOI 7.00m-8.00m SANDY CLAY, FINE TO COARSE, MOI 8.00m-9.00m SANDY CLAY, FINE TO COARSE, MOI 9.00m-10.00m SANDY CLAY, FINE TO COARSE, MOI 10.00m-11.00m SANDY CLAY, FINE TO COARSE, MOI 11.00m-12.00m SANDY CLAY, FINE TO COARSE, MOI 12.00m-13.00m SANDY CLAY, FINE TO COARSE, MOI 13.00m-14.00m SANDY CLAY, FINE TO COARSE, MOI 14.00m-15.00m SANDY CLAY, FINE TO COARSE, MOI 15.00m-16.00m SANDY CLAY, FINE TO COARSE, MOI 16.00m-17.00m SANDY CLAY, FINE TO COARSE, MOI 17.00m-18.00m SANDY CLAY, FINE TO COARSE, MOI 18.00m-19.00m SANDY CLAY, FINE TO COARSE, MOI 19.00m-20.00m SANDY CLAY, FINE TO COARSE, MOI 20.00m-21.00m SANDY CLAY, FINE TO COARSE, MOI 21.00m-22.00m SANDY CLAY, FINE TO COARSE, MOI 22.00m-23.00m SANDY CLAY, FINE TO COARSE, MOI 23.00m-24.00m SANDY CLAY, FINE TO COARSE, MOI 24.00m-25.00m SANDY CLAY, FINE TO COARSE, MOI 25.00m-26.00m SANDY CLAY, FINE TO COARSE, MOI 26.00m-27.00m SANDY CLAY, FINE TO COARSE, MOI 27.00m-28.00m SANDY CLAY, FINE TO COARSE, MOI 28.00m-29.00m SANDY CLAY, FINE TO COARSE, MOI 29.00m-30.00m SANDY CLAY, FINE TO COARSE, MOI 30.00m-31.00m SANDY CLAY, FINE TO COARSE, MOI 31.00m-32.00m SANDY CLAY, FINE TO COARSE, MOI 32.00m-33.00m SANDY CLAY, FINE TO COARSE, MOI 33.00m-34.00m SANDY CLAY, FINE TO COARSE, MOI 34.00m-35.00m SANDY CLAY, FINE TO COARSE, MOI 35.00m-36.00m SANDY CLAY, FINE TO COARSE, MOI 36.00m-37.00m SANDY CLAY, FINE TO COARSE, MOI 37.00m-38.00m SANDY CLAY, FINE TO COARSE, MOI 38.00m-39.00m SANDY CLAY, FINE TO COARSE, MOI 39.00m-40.00m SANDY CLAY, FINE TO COARSE, MOI 40.00m-41.00m SANDY CLAY, FINE TO COARSE, MOI 41.00m-42.00m SANDY CLAY, FINE TO COARSE, MOI 42.00m-43.00m SANDY CLAY, FINE TO COARSE, MOI 43.00m-44.00m SANDY CLAY, FINE TO COARSE, MOI 44.00m-45.00m SANDY CLAY, FINE TO COARSE, MOI 45.00m-46.00m SANDY CLAY, FINE TO COARSE, MOI 46.00m-47.00m SANDY CLAY, FINE TO COARSE, MOI 47.00m-48.00m SANDY CLAY, FINE TO COARSE, MOI 48.00m-49.00m SANDY CLAY, FINE TO COARSE, MOI 49.00m-50.00m SANDY CLAY, FINE TO COARSE, MOI 50.00m-51.00m SANDY CLAY, FINE TO COARSE, MOI 51.00m-52.00m SANDY CLAY, FINE TO COARSE, MOI 52.00m-53.00m SANDY CLAY, FINE TO COARSE, MOI 53.00m-54.00m SANDY CLAY, FINE TO COARSE, MOI 54.00m-55.00m SANDY CLAY, FINE TO COARSE, MOI 55.00m-56.00m SANDY CLAY, FINE TO COARSE, MOI 56.00m-57.00m SANDY CLAY, FINE TO COARSE, MOI 57.00m-58.00m SANDY CLAY, FINE TO COARSE, MOI 58.00m-59.00m SANDY CLAY, FINE TO COARSE, MOI 59.00m-60.00m SANDY CLAY, FINE TO COARSE, MOI 60.00m-61.00m SANDY CLAY, FINE TO COARSE, MOI 61.00m-62.00m SANDY CLAY, FINE TO COARSE, MOI 62.00m-63.00m SANDY CLAY, FINE TO COARSE, MOI 63.00m-64.00m SANDY CLAY, FINE TO COARSE, MOI 64.00m-65.00m SANDY CLAY, FINE TO COARSE, MOI 65.00m-66.00m SANDY CLAY, FINE TO COARSE, MOI 66.00m-67.00m SANDY CLAY, FINE TO COARSE, MOI 67.00m-68.00m SANDY CLAY, FINE TO COARSE, MOI 68.00m-69.00m SANDY CLAY, FINE TO COARSE, MOI 69.00m-70.00m SANDY CLAY, FINE TO COARSE, MOI 70.00m-71.00m SANDY CLAY, FINE TO COARSE, MOI 71.00m-72.00m SANDY CLAY, FINE TO COARSE, MOI 72.00m-73.00m SANDY CLAY, FINE TO COARSE, MOI 73.00m-74.00m SANDY CLAY, FINE TO COARSE, MOI 74.00m-75.00m SANDY CLAY, FINE TO COARSE, MOI 75.00m-76.00m SANDY CLAY, FINE TO COARSE, MOI 76.00m-77.00m SANDY CLAY, FINE TO COARSE, MOI 77.00m-78.00m SANDY CLAY, FINE TO COARSE, MOI 78.00m-79.00m SANDY CLAY, FINE TO COARSE, MOI 79.00m-80.00m SANDY CLAY, FINE TO COARSE, MOI 80.00m-81.00m SANDY CLAY, FINE TO COARSE, MOI 81.00m-82.00m SANDY CLAY, FINE TO COARSE, MOI 82.00m-83.00m SANDY CLAY, FINE TO COARSE, MOI 83.00m-84.00m SANDY CLAY, FINE TO COARSE, MOI 84.00m-85.00m SANDY CLAY, FINE TO COARSE, MOI 85.00m-86.00m SANDY CLAY, FINE TO COARSE, MOI 86.00m-87.00m SANDY CLAY, FINE TO COARSE, MOI 87.00m-88.00m SANDY CLAY, FINE TO COARSE, MOI 88.00m-89.00m SANDY CLAY, FINE TO COARSE, MOI 89.00m-90.00m SANDY CLAY, FINE TO COARSE, MOI 90.00m-91.00m SANDY CLAY, FINE TO COARSE, MOI 91.00m-92.00m SANDY CLAY, FINE TO COARSE, MOI 92.00m-93.00m SANDY CLAY, FINE TO COARSE, MOI 93.00m-94.00m SANDY CLAY, FINE TO COARSE, MOI 94.00m-95.00m SANDY CLAY, FINE TO COARSE, MOI 95.00m-96.00m SANDY CLAY, FINE TO COARSE, MOI 96.00m-97.00m SANDY CLAY, FINE TO COARSE, MOI 97.00m-98.00m SANDY CLAY, FINE TO COARSE, MOI 98.00m-99.00m SANDY CLAY, FINE TO COARSE, MOI 99.00m-100.00m SANDY CLAY, FINE TO COARSE, MOI 100.00m-101.00m SANDY CLAY, FINE TO COARSE, MOI 101.00m-102.00m SANDY CLAY, FINE TO COARSE, MOI 102.00m-103.00m SANDY CLAY, FINE TO COARSE, MOI 103.00m-104.00m SANDY CLAY, FINE TO COARSE, MOI 104.00m-105.00m SANDY CLAY, FINE TO COARSE, MOI 105.00m-106.00m SANDY CLAY, FINE TO COARSE, MOI 106.00m-107.00m SANDY CLAY, FINE TO COARSE, MOI 107.00m-108.00m SANDY CLAY, FINE TO COARSE, MOI 108.00m-109.00m SANDY CLAY, FINE TO COARSE, MOI 109.00m-110.00m SANDY CLAY, FINE TO COARSE, MOI 110.00m-111.00m SANDY CLAY, FINE TO COARSE, MOI 111.00m-112.00m SANDY CLAY, FINE TO COARSE, MOI 112.00m-113.00m SANDY CLAY, FINE TO COARSE, MOI 113.00m-114.00m SANDY CLAY, FINE TO COARSE, MOI 114.00m-115.00m SANDY CLAY, FINE TO COARSE, MOI 115.00m-116.00m SANDY CLAY, FINE TO COARSE, MOI 116.00m-117.00m SANDY CLAY, FINE TO COARSE, MOI 117.00m-118.00m SANDY CLAY, FINE TO COARSE, MOI 118.00m-119.00m SANDY CLAY, FINE TO COARSE, MOI 119.00m-120.00m SANDY CLAY, FINE TO COARSE, MOI 120.00m-121.00m SANDY CLAY, FINE TO COARSE, MOI 121.00m-122.00m SANDY CLAY, FINE TO COARSE, MOI 122.00m-123.00m SANDY CLAY, FINE TO COARSE, MOI 123.00m-124.00m SANDY CLAY, FINE TO COARSE, MOI 124.00m-125.00m SANDY CLAY, FINE TO COARSE, MOI 125.00m-126.00m SANDY CLAY, FINE TO COARSE, MOI 126.00m-127.00m SANDY CLAY, FINE TO COARSE, MOI 127.00m-128.00m SANDY CLAY, FINE TO COARSE, MOI 128.00m-129.00m SANDY CLAY, FINE TO COARSE, MOI 129.00m-130.00m SANDY CLAY, FINE TO COARSE, MOI 130.00m-131.00m SANDY CLAY, FINE TO COARSE, MOI 131.00m-132.00m SANDY CLAY, FINE TO COARSE, MOI 132.00m-133.00m SANDY CLAY, FINE TO COARSE, MOI 133.00m-134.00m SANDY CLAY, FINE TO COARSE, MOI 134.00m-135.00m SANDY CLAY, FINE TO COARSE, MOI 135.00m-136.00m SANDY CLAY, FINE TO COARSE, MOI 136.00m-137.00m SANDY CLAY, FINE TO COARSE, MOI 137.00m-138.00m SANDY CLAY, FINE TO COARSE, MOI 138.00m-139.00m SANDY CLAY, FINE TO COARSE, MOI 139.00m-140.00m SANDY CLAY, FINE TO COARSE, MOI 140.00m-141.00m SANDY CLAY, FINE TO COARSE, MOI 141.00m-142.00m SANDY CLAY, FINE TO COARSE, MOI 142.00m-143.00m SANDY CLAY, FINE TO COARSE, MOI 143.00m-144.00m SANDY CLAY, FINE TO COARSE, MOI 144.00m-145.00m SANDY CLAY, FINE TO COARSE, MOI 145.00m-146.00m SANDY CLAY, FINE TO COARSE, MOI 146.00m-147.00m SANDY CLAY, FINE TO COARSE, MOI 147.00m-148.00m SANDY CLAY, FINE TO COARSE, MOI 148.00m-149.00m SANDY CLAY, FINE TO COARSE, MOI 149.00m-150.00m SANDY CLAY, FINE TO COARSE, MOI 150.00m-151.00m SANDY CLAY, FINE TO COARSE, MOI 151.00m-152.00m SANDY CLAY, FINE TO COARSE, MOI 152.00m-153.00m SANDY CLAY, FINE TO COARSE, MOI 153.00m-154.00m SANDY CLAY, FINE TO COARSE, MOI 154.00m-155.00m SANDY CLAY, FINE TO COARSE, MOI 155.00m-156.00m SANDY CLAY, FINE TO COARSE, MOI 156.00m-157.00m SANDY CLAY, FINE TO COARSE, MOI 157.00m-158.00m SANDY CLAY, FINE TO COARSE, MOI 158.00m-159.00m SANDY CLAY, FINE TO COARSE, MOI 159.00m-160.00m SANDY CLAY, FINE TO COARSE, MOI 160.00m-161.00m SANDY CLAY, FINE TO COARSE, MOI 161.00m-162.00m SANDY CLAY, FINE TO COARSE, MOI 162.00m-163.00m SANDY CLAY, FINE TO COARSE, MOI 163.00m-164.00m SANDY CLAY, FINE TO COARSE, MOI 164.00m-165.00m SANDY CLAY, FINE TO COARSE, MOI 165.00m-166.00m SANDY CLAY, FINE TO COARSE, MOI 166.00m-167.00m SANDY CLAY, FINE TO COARSE, MOI 167.00m-168.00m SANDY CLAY, FINE TO COARSE, MOI 168.00m-169.00m SANDY CLAY, FINE TO COARSE, MOI 169.00m-170.00m SANDY CLAY, FINE TO COARSE, MOI 170.00m-171.00m SANDY CLAY, FINE TO COARSE, MOI 171.00m-172.00m SANDY CLAY, FINE TO COARSE, MOI 172.00m-173.00m SANDY CLAY, FINE TO COARSE, MOI 173.00m-174.00m SANDY CLAY, FINE TO COARSE, MOI 174.00m-175.00m SANDY CLAY, FINE TO COARSE, MOI 175.00m-176.00m SANDY CLAY, FINE TO COARSE, MOI 176.00m-177.00m SANDY CLAY, FINE TO COARSE, MOI 177.00m-178.00m SANDY CLAY, FINE TO COARSE, MOI 178.00m-179.00m SANDY CLAY, FINE TO COARSE, MOI 179.00m-180.00m SANDY CLAY, FINE TO COARSE, MOI 180.00m-181.00m SANDY CLAY, FINE TO COARSE, MOI 181.00m-182.00m SANDY CLAY, FINE TO COARSE, MOI 182.00m-183.00m SANDY CLAY, FINE TO COARSE, MOI 183.00m-184.00m SANDY CLAY, FINE TO COARSE, MOI 184.00m-185.00m SANDY CLAY, FINE TO COARSE, MOI 185.00m-186.00m SANDY CLAY, FINE TO COARSE, MOI 186.00m-187.00m SANDY CLAY, FINE TO COARSE, MOI 187.00m-188.00m SANDY CLAY, FINE TO COARSE, MOI 188.00m-189.00m SANDY CLAY, FINE TO COARSE, MOI 189.00m-190.00m SANDY CLAY, FINE TO COARSE, MOI 190.00m-191.00m SANDY CLAY, FINE TO COARSE, MOI 191.00m-192.00m SANDY CLAY, FINE TO COARSE, MOI 192.00m-193.00m SANDY CLAY, FINE TO COARSE, MOI 193.00m-194.00m SANDY CLAY, FINE TO COARSE, MOI 194.00m-195.00m SANDY CLAY, FINE TO COARSE, MOI 195.00m-196.00m SANDY CLAY, FINE TO COARSE, MOI 196.00m-197.00m SANDY CLAY, FINE TO COARSE, MOI 197.00m-198.00m SANDY CLAY, FINE TO COARSE, MOI 198.00m-199.00m SANDY CLAY, FINE TO COARSE, MOI 199.00m-200.00m SANDY CLAY, FINE TO COARSE, MOI 200.00m-201.00m SANDY CLAY, FINE TO COARSE, MOI 201.00m-202.00m SANDY CLAY, FINE TO COARSE, MOI 202.00m-203.00m SANDY CLAY, FINE TO COARSE, MOI 203.00m-204.00m SANDY CLAY, FINE TO COARSE, MOI 204.00m-205.00m SANDY CLAY, FINE TO COARSE, MOI 205.00m-206.00m SANDY CLAY, FINE TO COARSE, MOI 206.00m-207.00m SANDY CLAY, FINE TO COARSE, MOI 207.00m-208.00m SANDY CLAY, FINE TO COARSE, MOI 208.00m-209.00m SANDY CLAY, FINE TO COARSE, MOI 209.00m-210.00m SANDY CLAY, FINE TO COARSE, MOI 210.00m-211.00m SANDY CLAY, FINE TO COARSE, MOI 211.00m-212.00m SANDY CLAY, FINE TO COARSE, MOI 212.00m-213.00m SANDY CLAY, FINE TO COARSE, MOI 213.00m-214.00m SANDY CLAY, FINE TO COARSE, MOI 214.00m-215.00m SANDY CLAY, FINE TO COARSE, MOI 215.00m-216.00m SANDY CLAY, FINE TO COARSE, MOI 216.00m-217.00m SANDY CLAY, FINE TO COARSE, MOI 217.00m-218.00m SANDY CLAY, FINE TO COARSE, MOI 218.00m-219.00m SANDY CLAY, FINE TO COARSE, MOI 219.00m-220.00m SANDY CLAY, FINE TO COARSE, MOI 220.00m-221.00m SANDY CLAY, FINE TO COARSE, MOI 221.00m-222.00m SANDY CLAY, FINE TO COARSE, MOI 222.00m-223.00m SANDY CLAY, FINE TO COARSE, MOI 223.00m-224.00m SANDY CLAY, FINE TO COARSE, MOI 224.00m-225.00m SANDY CLAY, FINE TO COARSE, MOI 225.00m-226.00m SANDY CLAY, FINE TO COARSE, MOI 226.00m-227.00m SANDY CLAY, FINE TO COARSE, MOI 227.00m-228.00m SANDY CLAY, FINE TO COARSE, MOI 228.00m-229.00m SANDY CLAY, FINE TO COARSE, MOI 229.00m-230.00m SANDY CLAY, FINE TO COARSE, MOI 230.00m-231.00m SANDY CLAY, FINE TO COARSE, MOI 231.00m-232.00m SANDY CLAY, FINE TO COARSE, MOI 232.00m-233.00m SANDY CLAY, FINE TO COARSE, MOI 233.00m-234.00m SANDY CLAY, FINE TO COARSE, MOI 234.00m-235.00m SANDY CLAY, FINE TO COARSE, MOI 235.00m-236.00m SANDY CLAY, FINE TO COARSE, MOI 236.00m-237.00m SANDY CLAY, FINE TO COARSE, MOI 237.00m-238.00m SANDY CLAY, FINE TO COARSE, MOI 238.00m-239.00m SANDY CLAY, FINE TO COARSE, MOI 239.00m-240.00m SANDY CLAY, FINE TO COARSE, MOI 240.00m-241.00m SANDY CLAY, FINE TO COARSE, MOI 241.00m-242.00m SANDY CLAY, FINE TO COARSE, MOI 242.00m-243.00m SANDY CLAY, FINE TO COARSE, MOI 243.00m-244.00m SANDY CLAY, FINE TO COARSE, MOI 244.00m-245.00m SANDY CLAY, FINE TO COARSE, MOI 245.00m-246.00m SANDY CLAY, FINE TO COARSE, MOI 246.00m-247.00m SANDY CLAY, FINE TO COARSE, MOI 247.00m-248.00m SANDY CLAY, FINE TO COARSE, MOI 248.00m-249.00m SANDY CLAY, FINE TO COARSE, MOI 249.00m-250.00m SANDY CLAY, FINE TO COARSE, MOI 250.00m-251.00m SANDY CLAY, FINE TO COARSE, MOI 251.00m-252.00m SANDY CLAY, FINE TO COARSE, MOI 252.00m-253.00m SANDY CLAY, FINE TO COARSE, MOI 253.00m-254.00m SANDY CLAY, FINE TO COARSE, MOI 254.00m-255.00m SANDY CLAY, FINE TO COARSE, MOI 255.00m-256.00m SANDY CLAY, FINE TO COARSE, MOI 256.00m-257.00m SANDY CLAY, FINE TO COARSE, MOI 257.00m-258.00m SANDY CLAY, FINE TO COARSE, MOI 258.00m-259.00m SANDY CLAY, FINE TO COARSE, MOI 259.00m-260.00m SANDY CLAY, FINE TO COARSE, MOI 260.00m-261.00m SANDY CLAY, FINE TO COARSE, MOI 261.00m-262.00m SANDY CLAY, FINE TO COARSE, MOI 262.00m-263.00m SANDY CLAY, FINE TO COARSE, MOI 263.00m-264.00m SANDY CLAY, FINE TO COARSE, MOI 264.00m-265.00m SANDY CLAY, FINE TO COARSE, MOI 265.00m-266.00m SANDY CLAY, FINE TO COARSE, MOI 266.00m-267.00m SANDY CLAY, FINE TO COARSE, MOI 267.00m-268.00m SANDY CLAY, FINE TO COARSE, MOI 268.00m-269.00m SANDY CLAY, FINE TO COARSE, MOI 269.00m-270.00m SANDY CLAY, FINE TO COARSE, MOI 270.00m-271.00m SANDY CLAY, FINE TO COARSE, MOI 271.00m-272.00m SANDY CLAY, FINE TO COARSE, MOI 272.00m-273.00m SANDY CLAY, FINE TO COARSE, MOI 273.00m-274.00m SANDY CLAY, FINE TO COARSE, MOI 274.00m-275.00m SANDY CLAY, FINE TO COARSE, MOI 275.00m-276.00m SANDY CLAY, FINE TO COARSE, MOI 276.00m-277.00m SANDY CLAY, FINE TO COARSE, MOI 277.00m-278.00m SANDY CLAY, FINE TO COARSE, MOI 278.00m-279.00m SANDY CLAY, FINE TO COARSE, MOI 279.00m-280.00m SANDY CLAY, FINE TO COARSE, MOI 280.00m-281.00m SANDY CLAY, FINE TO COARSE, MOI 281.00m-282.00m SANDY CLAY, FINE TO COARSE, MOI 282.00m-283.00m SANDY CLAY, FINE TO COARSE, MOI 283.00m-284.00m SANDY CLAY, FINE TO COARSE, MOI 284.00m-285.00m SANDY CLAY, FINE TO COARSE, MOI 285.00m-286.00m SANDY CLAY, FINE TO COARSE, MOI 286.00m-287.00m SANDY CLAY, FINE TO COARSE, MOI 287.00m-288.00m SANDY CLAY, FINE TO COARSE, MOI 288.00m-289.00m SANDY CLAY, FINE TO COARSE, MOI 289.00m-290.00m SANDY CLAY, FINE TO COARSE, MOI 290.00m-291.00m SANDY CLAY, FINE TO COARSE, MOI 291.00m-292.00m SANDY CLAY, FINE TO COARSE, MOI 292.00m-293.00m SANDY CLAY, FINE TO COARSE, MOI 293.00m-294.00m SANDY CLAY, FINE TO COARSE, MOI 294.00m-295.00m SANDY CLAY, FINE TO COARSE, MOI 295.00m-296.00m SANDY CLAY, FINE TO COARSE, MOI 296.00m-297.00m SANDY CLAY, FINE TO COARSE, MOI 297.00m-298.00m SANDY CLAY, FINE TO COARSE, MOI 298.00m-299.00m SANDY CLAY, FINE TO COARSE, MOI 299.00m-300.00m SANDY CLAY, FINE TO COARSE, MOI 300.00m-301.00m SANDY CLAY, FINE TO COARSE, MOI 301.00m-302.00m SANDY CLAY, FINE TO COARSE, MOI 302.00m-303.00m SANDY CLAY, FINE TO COARSE, MOI 303.00m-304.00m SANDY CLAY, FINE TO COARSE, MOI 304.00m-305.00m SANDY CLAY, FINE TO COARSE, MOI 305.00m-306.00m SANDY CLAY, FINE TO COARSE, MOI 306.00m-307.00m SANDY CLAY, FINE TO COARSE, MOI 307.00m-308.00m SANDY CLAY, FINE TO COARSE, MOI 308.00m-309.00m SANDY CLAY, FINE TO COARSE, MOI 309.00m-310.00m SANDY CLAY, FINE TO COARSE, MOI 310.00m-311.00m SANDY CLAY, FINE TO COARSE, MOI 311.00m-312.00m SANDY CLAY, FINE TO COARSE, MOI 312.00m-313.00m SANDY CLAY, FINE TO COARSE, MOI 313.00m-314.00m SANDY CLAY, FINE TO COARSE, MOI 314.00m-315.00m SANDY CLAY, FINE TO COARSE, MOI 315.00m-316.00m SANDY CLAY, FINE TO COARSE, MOI 316.00m-317.00m SANDY CLAY, FINE TO COARSE, MOI 317.00m-318.00m SANDY CLAY, FINE TO COARSE, MOI 318.00m-319.00 |                                   |   |   |                |            |              |              |             |



| Station   | UseType                                   | DrillersLog   | Stratigraphy | Geology                           | Levels | Construction  | CompleteDate | Distance | Direction  | Latitude     | Longitude   |
|-----------|---|---|--------------|-----------------------------------|--------|---|--------------|----------|------------|--------------|-------------|
| WRK065494 | Observation                               |   |              |                                   |        | 0.00m-0.00m OUTER LINING - GRAVEL = Not Known                                       | 29/05/2015   | 1910     | North      | -37.94730978 | 145.1394932 |
| 76556     | Not Known                                 |   |              |                                   |        |   | 1/01/1988    | 1913     | South West | -38.025017   | 145.1047153 |
| WRK985098 |   |   |              |                                   |        |   |              | 1916     | South East | -38.00583474 | 145.1524496 |
| WRK989888 | Domestic                                  |   |              |                                   |        |   | 13/02/2009   | 1936     | South West | -38.01042954 | 145.086466  |
| 81696     | Not Known                                 | 0.00m-0.30m SURFACE SOIL 0.30m-1.22m SAND 1.22m-3.96m CLAY 3.96m-4.27m SLOPPY CLAYEY SAND 4.27m-12.80m SAND CLAY 12.80m-16.76m CLAYEY SAND 16.76m-21.34m MARINE STICK0.00m-49.99m INNER LINING - CASING = Not Known 49.98m-51.20m INNER L |              |                                   |        |   | 22/10/1973   | 1937     | North West | -37.95353972 | 145.0927252 |
| 125270    | Groundwater Investigation, State Observat | 0.00m-1.00m DRY SAND 1.00m-2.50m CLAY 2.50m-6.50m SANDY CLAY 6.50m-9.00m DIRTY SAND (WET) 9.00m-14.00m SANDY CLAY 14.00m-16.00m GREY SILTY CLAY 16.00m-18.00  |              |                                   |        | Date/time: ; 0.00m-16.00m INNER LINING - CASING = Pvc 16.00m-18.00m INNER LINING -  | 16/01/1995   | 1939     | North East | -37.98195089 | 145.1408393 |
| 125271    | Groundwater Investigation, State Observat | 0.00m-1.00m DRY SAND 1.00m-2.50m CLAY 2.50m-6.50m SANDY CLAY 6.50m-9.00m DIRTY SAND (WET) 9.00m-10.00m SANDY CLAY   |              |                                   |        | Date/time: ; 0.00m-7.00m INNER LINING - CASING = Pvc 7.00m-9.00m INNER LINING - SCF | 17/01/1995   | 1940     | North East | -37.9819566  | 145.1408533 |
| 76560     | Not Known                                 |   |              |                                   |        |   | 1/01/1988    | 1943     | South West | -38.02516601 | 145.1039023 |
| WRK058239 | Observation                               |   |              |                                   |        |   | 10/11/2010   | 1944     | South East | -38.01052164 | 145.1582434 |
| 134549    | Groundwater Investigation                 | 0.00m-0.40m SILTY SAND 0.40m-0.60m SILTY CLAYEY SAND 0.60m-2.60m CLAY 2.60m-3.40m SAND 3.40m-4.70m CLAYEY SAND 4.70m-9.00m SAND FINE 9.00m-15.00m SAND MED TO COARSE  |              |                                   |        | 0.00m-13.50m INNER LINING - CASING = Pvc 13.50m-15.00m INNER LINING -               | 21/08/1996   | 1946     | North West | -37.9511907  | 145.0940271 |
| WRK043226 | Groundwater Investigation                 | 0.00m-2.30m TOP SOIL 2.30m-5.00m PEATY FORMATION 5.00m-9.00m SILTY SAND AND CLAY 9.00m-18.00m SAND 18.00m-33.00m MARL 33.00m-36.00m NEWPORT FORMATION 36.00m-51.0   |              |                                   |        | 0.00m-55.50m INNER LINING - CASING = Pvc 0.00m-55.40m OUTER LINING -                | 22/04/2003   | 1959     | North East | -37.96427748 | 145.1481873 |
| WRK068557 | Observation                               |   |              |                                   |        |   | 21/01/2012   | 1975     | South East | -38.01085646 | 145.158907  |
| WRK068558 | Observation                               |   |              |                                   |        |   | 21/01/2012   | 1976     | South East | -38.01104795 | 145.1590503 |
| WRK062277 | Observation                               | 0.00m-0.60m SAND 0.60m-1.50m CLAY 1.50m-5.50m SAND  |              | 0.00m-2.50m Clay 2.50m-5.50m Sand |        | 0.00m-2.50m INNER LINING - CASING = Pvc 2.50m-5.50m INNER LINING - SCF              | 1/09/2011    | 1976     | East       | -37.99148099 | 145.1451349 |
| WRK058238 | Observation                               | 0.00m-0.60m sandy silt 0.60m-2.80m silty clay 2.80m-6.00m clayey sand   |              | 2.00m-6.00m Sand                  |        | 0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-6.00m INNER LINING - SCF              | 10/11/2010   | 1982     | South East | -38.01075755 | 145.1589209 |
| 142438    | Groundwater Investigation                 | 0.00m-0.20m CLAY & GRAVEL FILL 0.20m-0.90m SANDY CLAY, DARK BROWN, MOIST 0.90m-2.80m SANDY CLAY, LIGHT BROWN, PA 4.50m-8.00m Sand   |              |                                   |        | 0.00m-4.50m INNER LINING - CASING = Pvc Class 18 4.50m-8.00m INNER LINI             | 15/06/1998   | 1987     | North      | -37.94323225 | 145.1298614 |
| WRK059398 | Observation                               |   |              |                                   |        |   | 10/11/2010   | 1990     | South East | -38.01110556 | 145.1592767 |
| WRK059375 | Observation                               | 0.00m-0.50m FILL 0.50m-5.00m CLAY 5.00m-10.00m SAND   |              | 5.90m-8.90m Sand                  |        | 0.00m-5.90m INNER LINING - CASING = Pvc 5.90m-8.90m INNER LINING - SCF              | 21/09/2011   | 1992     | North      | -37.94738552 | 145.1410891 |
| 81762     | Domestic                                  | 0.00m-1.50m FILL SANDY BLACK SOIL 1.50m-4.00m SAND 4.00m-6.00m CLAY SAND 6.00m-13.50m SAND MED TO FINE GRAINED 13.50m-13.50m Sand   |              |                                   |        | 0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-13.50m INNER LINING -               | 31/12/1983   | 1993     | North East | -37.98280334 | 145.141837  |
| 81748     | Domestic                                  | 0.00m-1.22m LOOSE SANDY SOIL 1.22m-1.83m HARD SOIL 1.83m-3.66m WHITE SAND 3.66m-4.27m CLAY 4.27m-5.18m LUMPY SOIL   |              |                                   |        | 0.00m-5.18m INNER LINING - CASING = Not Known                                       | 4/09/1983    | 1995     | North East | -37.96083714 | 145.1489925 |

# Appendix C

**FORMER AND POTENTIAL LANDFILL BOUNDARIES**



