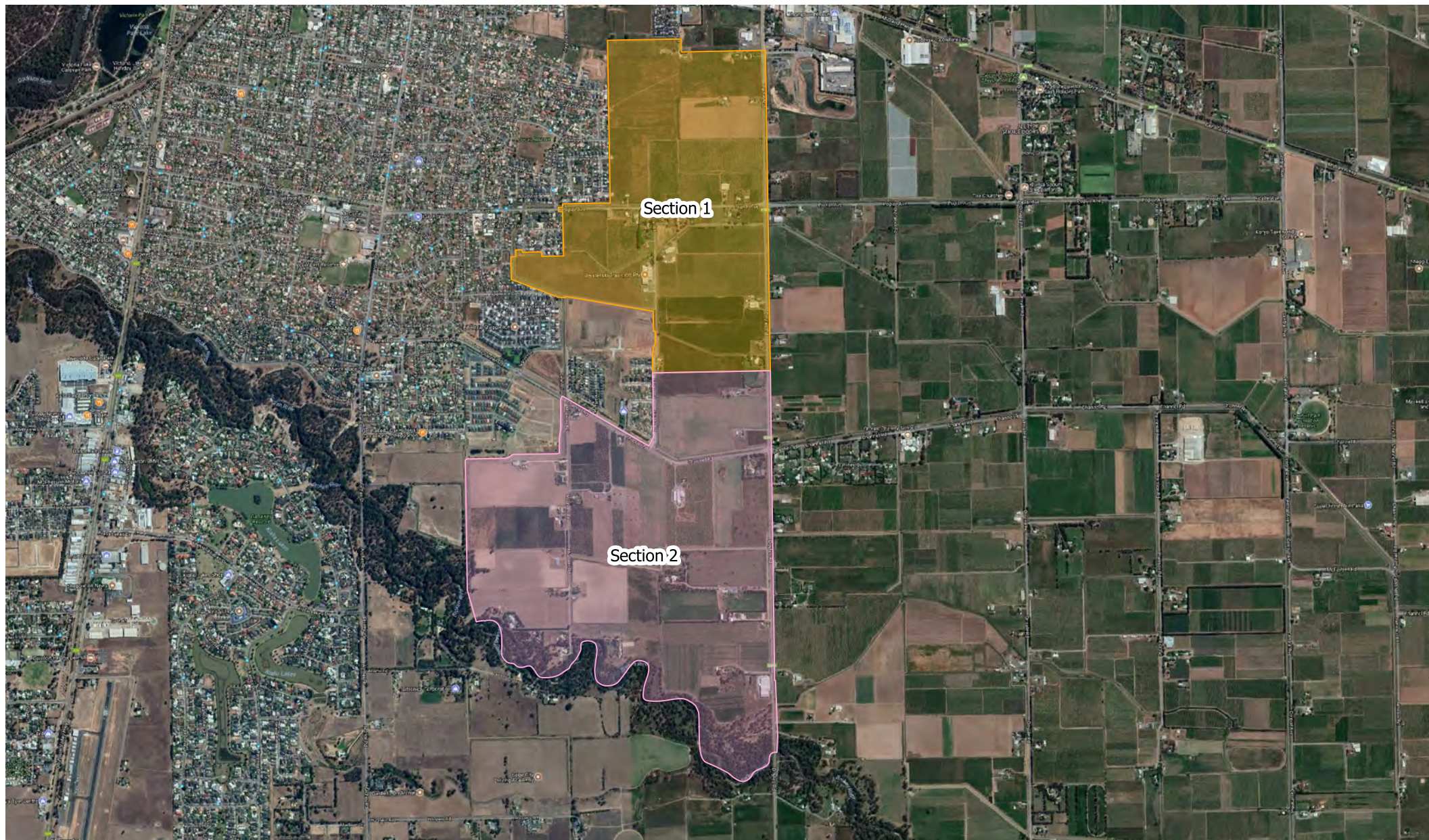




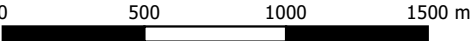


## Appendix C EPA Victoria Priority Site Register and Environmental Audit Reports





Project: Land Capability Assessment	Location: Shepparton South East Precinct Structure Plan Victoria	Client: Victorian Planning Authority	Legend  Section 1  Section 2	 Member of the Surbana Jurong Group
Plan of Sections Note: Aerial imagery sourced from Google Maps	Date: 14/08/2018  	Project Number: 30041764		



## EPA Records

### Shepparton South East Precinct Structure Plan (Section 1)

## Current EPA Priority Sites Register

Sites on the current EPA priority sites register that exist within the dataset buffer:

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

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

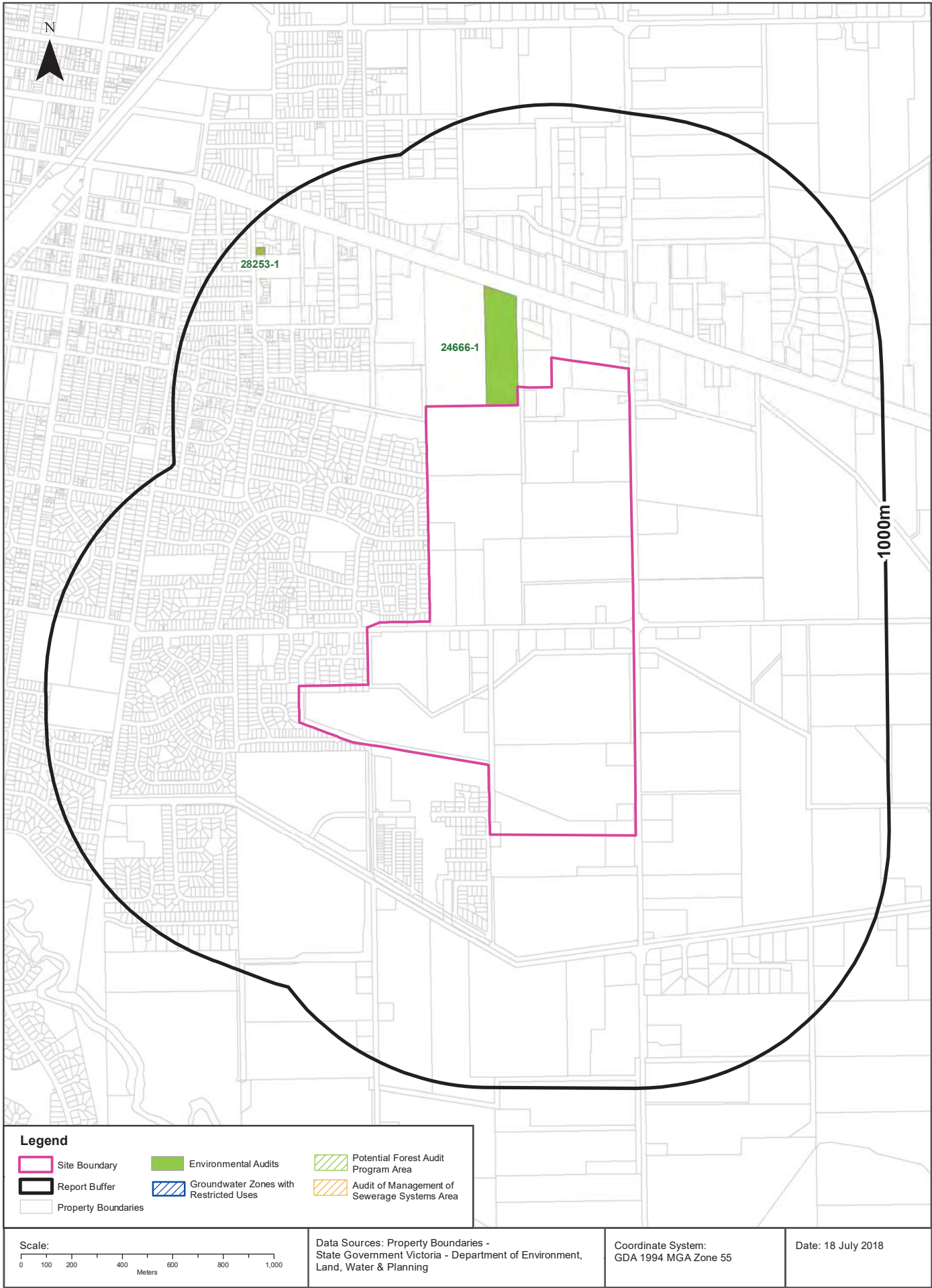
## Former EPA Priority Sites & Other Pollution Notices

Sites within the dataset buffer that 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
90005540	Pollution Abatement Notice	RENDEVSKI TRANSPORT PTY LTD	32 Feiglin Road	SHEPPARTON	Previous Pollution Notice		24/12/2014	Premise Match	0m	Onsite
NO1617	31A(1)	BUNNINGS PROPERTIES P/L	225 BENALLA RD	SHEPPARTON	Legacy EPA Database Pollution Notice		22/03/2000	Premise Match	220m	North
90006981	Pollution Abatement Notice	BORAL CONSTRUCTION MATERIALS [SHEPPARTON]	2 Fordyce Street	SHEPPARTON	Previous Pollution Notice		10/06/2016	Premise Match	462m	North West
90006364	Pollution Abatement Notice	BORAL RESOURCES (VIC.) PTY. LIMITED	2 FORDYCE ST	SHEPPARTON	Previous Pollution Notice	AIR QUALITY - INFRASTRUCTURE	28/09/2015	Premise Match	462m	North West

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





## EPA Records

### Shepparton South East Precinct Structure Plan (Section 1)

## EPA Environmental Audits

EPA environmental audit records that exist within the dataset 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
24666-1	8000273	LOT 1 SW CNR MIDLAND HWY& ZURCAS LANE LOT 1 SW CNR MIDLAND HWY& ZURCAS LANE SHEPPARTON VIC 3630	HIGH STREET, SHEPPARTON HIGH STREET	SHEPPARTON	01/03/1995	Premise Match	0m	North
28253-1	8000404	CALLISTER STREET LOT9B, SECTION E, PARISH OF SHEPPARTON PARISH OF SHEPPARTON	CALLISTER STREET	SHEPPARTON	15/02/1996	Premise Match	874m	North West

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

## EPA Records

### Shepparton South East Precinct Structure Plan (Section 1)

## EPA Groundwater Zones with Restricted Uses

EPA GQRUZ records that exist within the dataset 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 - Environment Protection Authority (EPA)



## EPA Records

### Shepparton South East Precinct Structure Plan (Section 1)

## EPA Licensed Activities

EPA licensed activities that exist within the dataset 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 - Environment Protection Authority (EPA)

## Former EPA Licensed Activities

Former EPA licensed activities that exist within the dataset 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

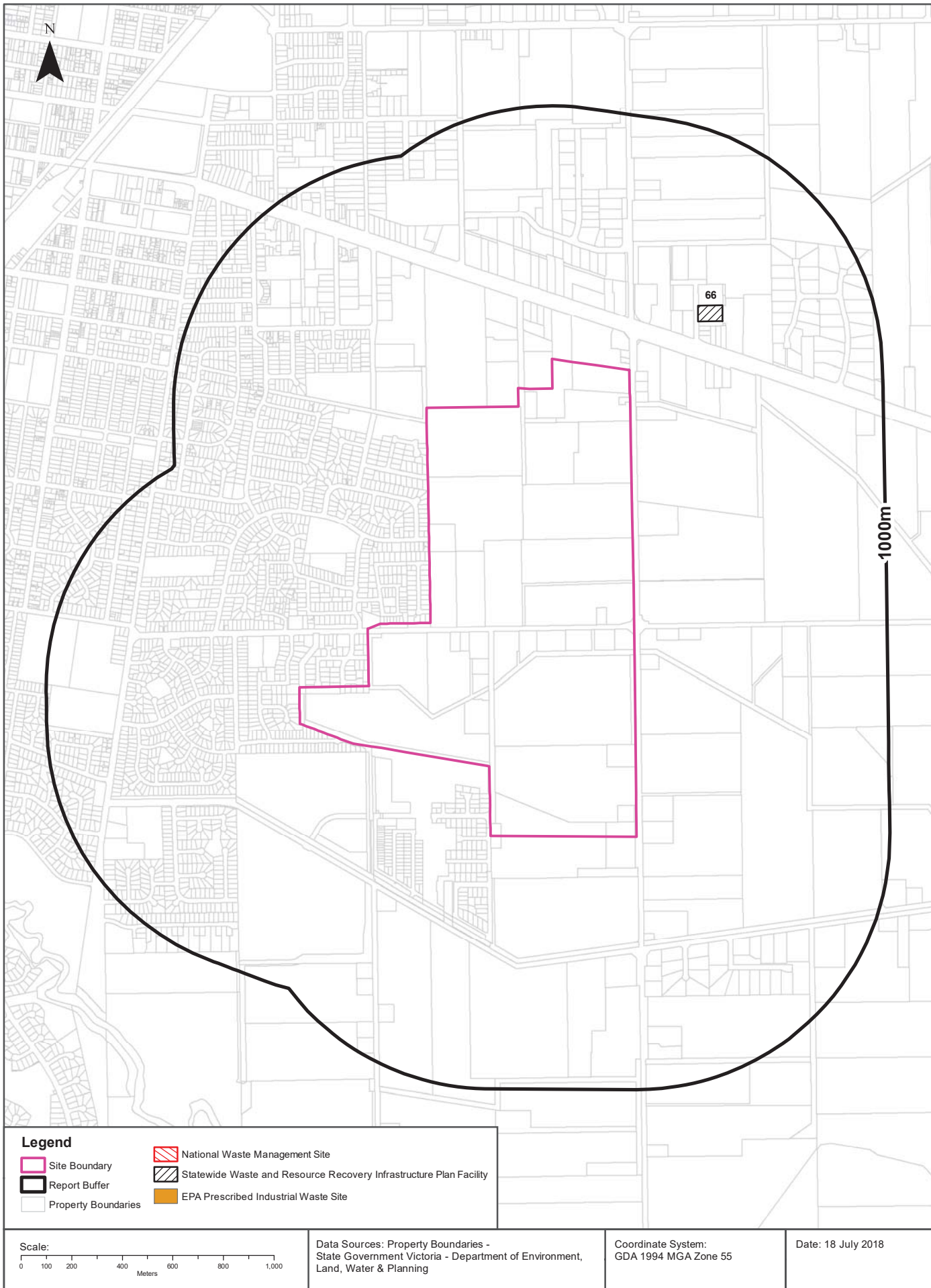
EPA works approvals that exist within the dataset buffer:

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 - Environment Protection Authority (EPA)

# Waste Management Facilities

## Shepparton South East Precinct Structure Plan (Section 1)





## Waste Management Facilities

### Shepparton South East Precinct Structure Plan (Section 1)

## National Waste Management Site Database

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

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

Waste Management Facilities Data Source: Australian Government Geoscience Australia

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## Statewide Waste and Resource Recovery Infrastructure Plan Facilities

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

Map Id	Owner	Site Name	Address	Suburb	Category	Sub Category	Loc Conf	Distance	Direction
66		Peter Foote waste Collection	10 Carroll Rd	Shepparton	Commercial & Industrial	C&I Recovery	Premise Match	332m	North East

SWRRIPF Data Source: State Government Victoria - Department of Sustainability

## EPA Prescribed Industrial Waste

EPA Prescribed Industrial Waste sites within the dataset 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 - Environment Protection Authority (EPA)

## Former Gasworks

### Shepparton South East Precinct Structure Plan (Section 1)

## Former Gasworks

Former Gasworks identified from various historical sources within the dataset buffer:

Note - As this is a dataset collated from various historical sources, it is not an exhaustive list of all former Gasworks

Map Id	Site Name	Date Opened	Year Closed	Location Confidence	Distance	Direction
N/A	No records in buffer					

Former Gasworks Data Source: Collated from various historical sources



## EPA Records

### Shepparton South East Precinct Structure Plan (Section 2)

## Current EPA Priority Sites Register

Sites on the current EPA priority sites register that exist within the dataset buffer:

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

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

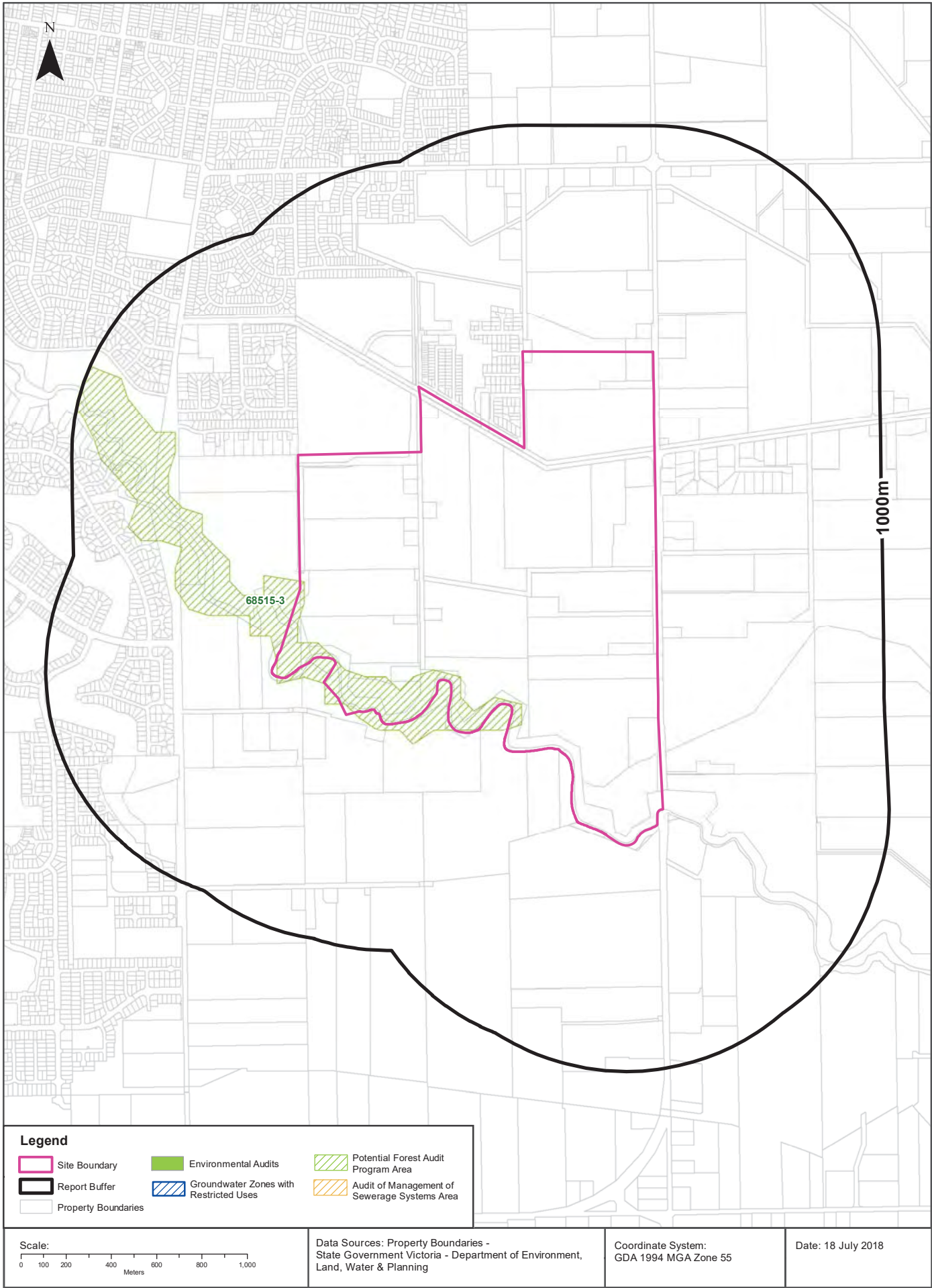
## Former EPA Priority Sites & Other Pollution Notices

Sites within the dataset buffer that 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
90005540	Pollution Abatement Notice	RENDEVSKI TRANSPORT PTY LTD	32 Feiglin Road	SHEPPARTON	Previous Pollution Notice		24/12/2014	Premise Match	401m	North

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



## EPA Records

### Shepparton South East Precinct Structure Plan (Section 2)

## EPA Environmental Audits

EPA environmental audit records that exist within the dataset 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
68515-3	8003027	DSE AUDIT OPERATIONAL PLANNING	DSE AUDIT OPERATIONAL PLANNING		06/01/2014	Area Match	0m	Onsite

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



## EPA Records

### Shepparton South East Precinct Structure Plan (Section 2)

## EPA Groundwater Zones with Restricted Uses

EPA GQRUZ records that exist within the dataset 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 - Environment Protection Authority (EPA)

## EPA Records

### Shepparton South East Precinct Structure Plan (Section 2)

## EPA Licensed Activities

EPA licensed activities that exist within the dataset 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 - Environment Protection Authority (EPA)

## Former EPA Licensed Activities

Former EPA licensed activities that exist within the dataset 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

EPA works approvals that exist within the dataset 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 - Environment Protection Authority (EPA)

## Waste Management Facilities

### Shepparton South East Precinct Structure Plan (Section 2)

## National Waste Management Site Database

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

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

Waste Management Facilities Data Source: Australian Government Geoscience Australia

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## Statewide Waste and Resource Recovery Infrastructure Plan Facilities

Statewide Waste and Resource Recovery Infrastructure Plan Facilities within the dataset 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 dataset 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 - Environment Protection Authority (EPA)

## Former Gasworks

### Shepparton South East Precinct Structure Plan (Section 2)

## Former Gasworks

Former Gasworks identified from various historical sources within the dataset buffer:

Note - As this is a dataset collated from various historical sources, it is not an exhaustive list of all former Gasworks

Map Id	Site Name	Date Opened	Year Closed	Location Confidence	Distance	Direction
N/A	No records in buffer					

Former Gasworks Data Source: Collated from various historical sources



# PRIORITY SITES REGISTER

Information as at 31 July 2018

**The Priority Sites Register is updated monthly and the information on it may not be accurate, current or complete and may be subject to change without notice.**

EPA has a key responsibility in protecting beneficial uses of land. Many of these uses are regulated or controlled through a range of measures to prevent contamination of land and groundwater. Land contaminated by former waste disposal, industrial and similar activities is frequently discovered during changes to land use - for example, from industrial to residential use. In most cases these can be managed at the time that the change of land use occurs. Some sites however, present a potential risk to human health or to the environment and must be dealt with as a priority. Such sites are typically subject to clean-up and/or management under EPA directions.

## WHAT ARE PRIORITY SITES?

Priority Sites are sites for which EPA has issued a Clean Up Notice pursuant to section 62A, or a Pollution Abatement Notice pursuant to section 31A or 31B (relevant to land and/or groundwater) of the *Environment Protection Act 1970*. Typically these are sites where pollution of land and/or groundwater presents a potential risk to human health or to the environment. The condition of these sites is not compatible with the current or approved use of the site without active management to reduce the risk to human health and the environment. Such management can include clean up, monitoring and/or institutional controls.

The Priority Sites Register does not list sites managed by voluntary agreements or sites subject to management by planning controls (e.g. sites managed in accordance with a section 173 agreement under the *Planning and Environment Act 1987*). Land purchasers should be aware of these limitations and make their own enquiries. A site is listed on the Priority Sites Register when EPA issues a Clean Up Notice or a Pollution Abatement Notice (relevant to land and/or groundwater). A notice is a means by which EPA formalises requirements to manage pollution. Sites are removed from the Priority Sites Register once all conditions of a Notice have been complied with. This is formalised through a Notice of Revocation pursuant to section 60B of the Act.

## DISCLAIMER

Users of this site accept all risks and responsibilities for losses, damages, costs and other consequences resulting directly or indirectly from use of this site and information from it.

To the maximum permitted by law, the EPA excludes all liability to any person directly or indirectly from using this site and information from it.

## FURTHER INFORMATION

Additional information is available from:

EPA Information Centre  
200 Victoria Street  
Carlton VIC 3053  
1300 EPA VIC (1300 372 842)  
[www.epa.vic.gov.au](http://www.epa.vic.gov.au)

Municipality	Suburb	Address	Issue	Notice Number
Ararat Rural City Council	ARARAT	26 Grano ST	Former Industrial Site. Requires assessment and/or clean up.	0090001739
Ballarat City Council	BALLARAT	Canadian Gully Reserve Geelong RD	Historical deposit of mine tailings. Requires assessment and/or clean up.	0090000494
Ballarat City Council	BALLARAT	1003 Humffray ST	Former Industrial Site. Requires assessment and/or clean up.	0090001857
Ballarat City Council	BALLARAT	Volume 6747 Folio 250	Current Industrial Site. Requires assessment and/or clean up.	0090001913
Ballarat City Council	MOUNT CLEAR	3 WHITEHORSE RD	Former Landfill. Requires ongoing management.	0090003912
Ballarat City Council	MOUNT CLEAR	Whitehorse RD	Former Landfill. Requires assessment and/or clean up.	0090004206
Ballarat City Council	MOUNT CLEAR	Whitehorse RD	Former Landfill. Requires assessment and/or clean up.	0090004207
Ballarat City Council	BUNKERS HILL	856 Greenhalghs RD	Current Industrial Site. Requires ongoing management.	0090004647
Ballarat City Council	Black Hill	Crown Allotment 13A Section 35 Township of Ballarat East	Former Landfill. Requires assessment and/or clean up.	0090007863
Ballarat City Council	Black Hill	Crown Allotment 13A Section 35 Township of Ballarat East	Former Landfill. Requires assessment and/or clean up.	0090007864
Ballarat City Council	SEBASTOPOL	Crown Allotment A Section 9	Gun, pistol or rifle range. Requires assessment and/or clean up.	0090008981

# PRIORITY SITES REGISTER

Information as at 31 July 2018

Municipality	Suburb	Address	Issue	Notice Number
Bass Coast Shire Council	WONTHAGGI	C/a 15 Section 58 Cameron St	Former Landfill. Requires ongoing management.	0090006816
Baw Baw Shire Council	TRAFALGAR SOUTH	200 GILES RD	Former Landfill. Requires ongoing management.	0090007302
Baw Baw Shire Council	Jindivick	15 Beattie RD	Illegal dumping. Requires assessment and/or clean up.	0090008457
Bayside City Council	BRIGHTON	322 NEW ST	Former Service Station. Requires assessment and/or clean up.	0090003577
Bayside City Council	CHELTENHAM	Lot 2, PS802507T 322-328 Bay Road	Former chemical storage facility. Requires assessment and/or clean up.	0090007313
Bayside City Council	CHELTENHAM	322 - 328 BAY RD	Former chemical storage facility. Requires assessment and/or clean up.	0090007751
Bayside City Council	Cheltenham	Lot 3, PS802507T 322-328 Bay Road	Former chemical storage facility. Requires assessment and/or clean up.	0090007752
Bayside City Council	CHELTENHAM	322 - 328 BAY RD	Former chemical storage facility. Requires assessment and/or clean up.	0090007753
Bayside City Council	CHELTENHAM	Lot 2, PS802507T 322-328 Bay Road	Current Industrial Site. Requires ongoing management.	0090008422
Bayside City Council	Brighton	(Part) Lot 2/TP963646N (As per Section 5, Figure 1.0 Current	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008780
Brimbank City Council	DEER PARK	765 BALLARAT RD	Contaminated soil is retained and managed onsite. Requires assessment and/or clean up.	0090000162
Brimbank City Council	SYDENHAM	362 SYDENHAM RD	Former Landfill. Requires assessment and/or clean up.	0090000921
Brimbank City Council	SUNSHINE NORTH	47 MCINTYRE RD	Former Industrial Site. Requires ongoing management.	0090001549
Brimbank City Council	DEER PARK	765 BALLARAT RD	Former Industrial Site. Requires assessment and/or clean up.	0090001886
Brimbank City Council	SUNSHINE	16 - 20 THIRD AV	Current Industrial Site. Requires assessment and/or clean up.	0090003227
Brimbank City Council	BROOKLYN	594 GEELONG RD	Former Landfill. Requires ongoing management.	0090003478
Brimbank City Council	BROOKLYN	44 - 60 Mcdonald RD	Former Landfill. Requires ongoing management.	0090003591
Brimbank City Council	SYDENHAM	362 SYDENHAM RD	Former Landfill. Requires ongoing management.	0090003753
Brimbank City Council	TULLAMARINE	6 Prima Court EISNER CT	Illegal dumping. Requires assessment and/or clean up.	0090005495
Brimbank City Council	ST ALBANS & ALBION	137A Denton Ave & 27 Carrington Drv	Former Landfill. Requires ongoing management.	0090005541
Brimbank City Council	KEILOR DOWNS	Green Gully RD	Former Landfill. Requires ongoing management.	0090005738
Brimbank City Council	Cairnlea	Lot C of Draft Plan of Subdivision PS 801014Y	Contaminated soil is retained and managed onsite. Requires ongoing management.	0090005971
Brimbank City Council	BROOKLYN	174 OLD GEELONG RD	Former Landfill. Requires ongoing management.	0090006102
Brimbank City Council	SUNSHINE	The premises are listed in Appendix A by Volume and Folio Number	Former Industrial Site. Requires assessment and/or clean up.	0090006194
Brimbank City Council	ARDEER	22 - 24 REID ST	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090007084
Brimbank City Council	BROOKLYN	52 - 60 MARKET RD	Former Landfill. Requires ongoing management.	0090007153
Brimbank City Council	SUNSHINE NORTH	49 AUBURN AV	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090007459
Brimbank City Council	SUNSHINE NORTH	49 AUBURN AV	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090007621
Brimbank City Council	Albion	SUNSHINE ENERGY PARK 570A Ballarat Road And	Former Landfill. Requires ongoing management.	0090007761
Brimbank City Council	BROOKLYN	52 - 60 MARKET RD	Former Landfill. Requires ongoing management.	0090007782
Brimbank City Council	SUNSHINE NORTH	56 BALDWIN AV	Current Industrial Site. Requires assessment and/or clean up.	0090007859
Brimbank City Council	ARDEER	14A & 14-18 REID STREET	Current Industrial Site. Requires assessment and/or clean up.	0090008190
Brimbank City Council	SUNSHINE NORTH	62 Spalding AV	Current Industrial Site. Requires assessment and/or clean up.	0090008253
Brimbank City Council	Keilor	Old St Albans Road	Illegal dumping. Requires assessment and/or clean up.	0090008406

# PRIORITY SITES REGISTER

Information as at 31 July 2018

Municipality	Suburb	Address	Issue	Notice Number
Brimbank City Council	Keilor	Green Gully Road and Old St Albans Roads	Illegal dumping. Requires assessment and/or clean up.	0090008414
Brimbank City Council	KEILOR	Brimbank Park Reserve Vol/ Portfolios 11751/657, 11751/656	Illegal dumping. Requires assessment and/or clean up.	0090008415
Brimbank City Council	KEILOR	Brimbank Park Reserve / Vol/ Portfolios 09085/382 and 11223/597	Illegal dumping. Requires assessment and/or clean up.	0090008416
Brimbank City Council	KEILOR	Brimbank Park Reserve - Old St Albans Road	Illegal dumping. Requires assessment and/or clean up.	0090008417
Brimbank City Council	BROOKLYN	69 BUNTING RD	Current Industrial Site. Requires assessment and/or clean up.	0090008957
Buloke Shire Council	DONALD	22 (LOTS 40-45/LP8761) NAPIER ST	Former petroleum storage site. Requires assessment and/or clean up.	0090007710
Campaspe Shire Council	BAMAWM EXTENSION	1133 ECHUCA-MITIAMO RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090001745
Campaspe Shire Council	DIGGORA	ODONNELL RD	Former Landfill. Requires ongoing management.	0090006552
Campaspe Shire Council	KYABRAM	Graham RD	Former Landfill. Requires ongoing management.	0090007207
Campaspe Shire Council	ECHUCA	436 MCKENZIE RD	Former Landfill. Requires ongoing management.	0090007220
Campaspe Shire Council	ECHUCA	176 - 190 OGILVIE AV	Former petroleum storage site. Requires assessment and/or clean up.	0090008435
Campaspe Shire Council	ECHUCA	110 - 112 STURT ST	Former Service Station. Requires ongoing management.	0090008471
Campaspe Shire Council	Torrumbarry	174 Fulham ST	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008954
Cardinia Shire Council	PAKENHAM	570 Bald Hill Road	Former Landfill. Requires ongoing management.	0090003597
Casey City Council	NARRE WARREN	188 QUARRY RD	Former Landfill. Requires ongoing management.	0090003600
Casey City Council	CRANBOURNE	Lot 7, 9, 10, 11 & 12 Stevensons Rd	Former Landfill. Requires ongoing management.	0090006965
Casey City Council	HAMPTON PARK	335 POUND RD	Current Service Station. Requires assessment and/or clean up.	0090008761
Central Goldfields Shire Council	MARYBOROUGH	53 - 55 HIGH ST	Current Service Station. Requires assessment and/or clean up.	0090005850
Central Goldfields Shire Council	CARISBROOK	129 WILLIAMS RD	Former Landfill. Requires ongoing management.	0090006580
Colac-Otway Shire Council	COLAC	Bruce ST	Former Landfill. Requires ongoing management.	0090001464
Colac-Otway Shire Council	MARENGO	Roberts RD	Former Landfill. Requires ongoing management.	0090003634
Colac-Otway Shire Council	COLAC	2 - 34 BRUCE ST	Former Landfill. Requires ongoing management.	0090003696
Colac-Otway Shire Council	ALVIE	977 Corangamite Lake RD	Former Landfill. Requires assessment and/or clean up.	0090008696
Colac-Otway Shire Council	ALVIE	977 Corangamite Lake RD	Current landfill. Requires assessment and/or clean up.	0090008697
Corangamite Shire Council	GLENORMISTON	Terang-Mortlake RD	Former Landfill. Requires ongoing management.	0090003621
Corangamite Shire Council	GLENORMISTON	Terang-Mortlake RD	Former Landfill. Requires ongoing management.	0090003622
Corangamite Shire Council	TERANG	59 BEND RD	Current Industrial Site. Requires assessment and/or clean up.	0090007044
Corangamite Shire Council	TERANG	59 BEND RD	Current Industrial Site. Requires assessment and/or clean up.	0090007045
Darebin City Council	PRESTON	67 - 79 High ST	Former Service Station. Requires assessment and/or clean up.	0090001449
Darebin City Council	NORTHCOTE	Clifton ST	Former Landfill. Requires ongoing management.	0090003493
Darebin City Council	RESERVOIR	87 Newlands RD	Former Landfill. Requires ongoing management.	0090003508
Darebin City Council	PRESTON	194 - 202 Bell ST	Former Industrial Site. Requires assessment and/or clean up.	0090006966
East Gippsland Shire Council	BAIRNSDALE	68 GILES ST	Former Landfill. Requires ongoing management.	0090006577
East Gippsland Shire Council	BAIRNSDALE	175 JOHNSTONS RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008393



# PRIORITY SITES REGISTER

Information as at 31 July 2018

Municipality	Suburb	Address	Issue	Notice Number
East Gippsland Shire Council	ORBOST	44 SALISBURY ST	Former Service Station. Requires assessment and/or clean up.	0090008454
Frankston City Council	FRANKSTON	MCCLELLAND DR	Former Landfill. Requires ongoing management.	0090003594
Glen Eira City Council	CAULFIELD SOUTH	818 Glen Huntly RD	Former Service Station. Requires assessment and/or clean up.	0090004221
Glen Eira City Council	CAULFIELD SOUTH	371 Hawthorn RD	Former Service Station. Requires assessment and/or clean up.	0090008991
Greater Bendigo City Council	MYERS FLAT	28 WILLIAMS RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090004173
Greater Bendigo City Council	White Hills	(Crown Allotment 432E Section E)	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090004649
Greater Bendigo City Council	BENDIGO	Crown Allotment 432E, Section E Parish of Sandhurst, Bendigo	Former Landfill. Requires assessment and/or clean up.	0090007131
Greater Bendigo City Council	Huntly	29 Caellis Road	Current Industrial Site. Requires assessment and/or clean up.	0090007149
Greater Bendigo City Council	HEATHCOTE	90 HIGH ST	Former Service Station. Requires assessment and/or clean up.	0090007629
Greater Bendigo City Council	East Flora Hill	67 Havlin Street	Former Landfill. Requires ongoing management.	0090007642
Greater Bendigo City Council	West Bendigo	Liddell's Calcine Sands Derwent Gully Road	Historical deposit of mine tailings. Requires ongoing management.	0090007892
Greater Bendigo City Council	BENDIGO	8 - 32 WEEROONA AV	Former chemical storage facility. Requires ongoing management.	0090008074
Greater Bendigo City Council	MAIDEN GULLY	195 - 221 MARONG RD	Historical deposit of mine tailings. Requires assessment and/or clean up.	0090008247
Greater Bendigo City Council	CALIFORNIA GULLY	45 Sandhurst RD	Current petroleum storage site. Requires ongoing management.	0090008386
Greater Bendigo City Council	California Gully	CA28G Sec K1, Holdsworth Road North Bendigo, CA300A Sec N, Green St	Historical deposit of mine tailings. Requires ongoing management.	0090008429
Greater Bendigo City Council	Maiden Gully	CA 64B, Parish of Sandhurst Sparrowhawk Road	Historical deposit of mine tailings. Requires assessment and/or clean up.	0090008450
Greater Bendigo City Council	EAGLEHAWK	191 - 193 UPPER CALIFORNIA GULLY RD	Current landfill. Requires assessment and/or clean up.	0090008470
Greater Bendigo City Council	STRATHFIELDSAYE	Lot 4, LP117430 JAMES COOK DRIVE	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008472
Greater Bendigo City Council	EAGLEHAWK	191 - 193 UPPER CALIFORNIA GULLY RD	Current landfill. Requires ongoing management.	0090008474
Greater Bendigo City Council	TOOLLEEN	Lot 1, Plan LP219765 Aylett Road	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008631
Greater Bendigo City Council	HUNTLY NORTH	359 BENDIGO-TENNYSON RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008932
Greater Dandenong City Council	SPRINGVALE SOUTH	East Side Of Clarke RD	Former Landfill. Requires ongoing management.	0090000608
Greater Dandenong City Council	SPRINGVALE SOUTH	East Side Of Clarke RD	Former Landfill. Requires ongoing management.	0090003693
Greater Dandenong City Council	SPRINGVALE SOUTH	169-222 Clarke Road	Former Landfill. Requires ongoing management.	0090003848
Greater Dandenong City Council	SPRINGVALE SOUTH	169-222 Clarke Road	Former Landfill. Requires ongoing management.	0090003850
Greater Dandenong City Council	DANDENONG SOUTH	185 Dandenong-Hastings RD	Former Landfill. Requires ongoing management.	0090004214
Greater Dandenong City Council	DANDENONG SOUTH	Greens Road GREENS RD	Current waste water treatment plant. Requires ongoing management.	0090006097
Greater Dandenong City Council	SPRINGVALE SOUTH	169-222 Clarke Road	Former Landfill. Requires ongoing management.	0090006951
Greater Dandenong City Council	Bangholme	Cnr Thompson Road and Worsley Road	Current Industrial Site. Requires ongoing management.	0090007162
Greater Dandenong City Council	SPRINGVALE	917 Princes HWY	Former Industrial Site. Requires ongoing management.	0090007482
Greater Dandenong City Council	Springvale South	98-100 Clarke Road	Former Landfill. Requires ongoing management.	0090007896



# PRIORITY SITES REGISTER

Information as at 31 July 2018

Municipality	Suburb	Address	Issue	Notice Number
Greater Dandenong City Council	SPRINGVALE SOUTH	East Side Of Clarke RD	Former Landfill. Requires assessment and/or clean up.	0090008992
Greater Geelong City Council	CORIO	Off Harpur RD	Former Service Station. Requires assessment and/or clean up.	0090000782
Greater Geelong City Council	LARA	Princes HWY	Accidental spill/leak (non-industrial site). Requires assessment and/or clean up.	0090001012
Greater Geelong City Council	GEELONG NORTH	1 - 39 Roseneath ST	Former chemical storage facility. Requires assessment and/or clean up.	0090001664
Greater Geelong City Council	DRYSDALE	97 High ST	Current Service Station. Requires ongoing management.	0090001808
Greater Geelong City Council	CORIO	83 Purnell RD	Current Service Station. Requires ongoing management.	0090002343
Greater Geelong City Council	MANIFOLD HEIGHTS	35 - 37 Shannon AV	Former Service Station. Requires assessment and/or clean up.	0090004098
Greater Geelong City Council	NORTH GEELONG	343 - 363 MELBOURNE RD	Former Industrial Site. Requires assessment and/or clean up.	0090004124
Greater Geelong City Council	NORLANE	5 - 19 PRINCES HWY	Former Industrial Site. Requires assessment and/or clean up.	0090004126
Greater Geelong City Council	NORLANE	60 - 80 NORTH SHORE RD	Current Industrial Site. Requires assessment and/or clean up.	0090004132
Greater Geelong City Council	CORIO	1500 - 1580 BIDDLECOMBE AV	Former Landfill. Requires ongoing management.	0090004271
Greater Geelong City Council	POINT HENRY	420 Point Henry RD	Former Industrial Site. Requires assessment and/or clean up.	0090005302
Greater Geelong City Council	BALLAN	1 6511 Western FWY	Current Service Station. Requires ongoing management.	0090006079
Greater Geelong City Council	CORIO	246 - 258 Princes HWY	Current petroleum storage site. Requires ongoing management.	0090006264
Greater Geelong City Council	CORIO	90 REFINERY RD	Current petroleum storage site. Requires ongoing management.	0090006483
Greater Geelong City Council	EAST GEELONG	101 - 161 HEARNE PDE	Gun, pistol or rifle range. Requires assessment and/or clean up.	0090006642
Greater Geelong City Council	NORTH SHORE	121 - 171 SEABEACH PDE	Former Industrial Site. Requires assessment and/or clean up.	0090008221
Greater Geelong City Council	MOOLAP	132 - 140 HAYS RD	Current Industrial Site. Requires assessment and/or clean up.	0090008351
Greater Geelong City Council	Belmont	180 - 182 Barwon Heads RD	Former Service Station. Requires ongoing management.	0090008395
Greater Geelong City Council	MANIFOLD HEIGHTS	35 - 37 Shannon AV	Former Service Station. Requires ongoing management.	0090009022
Greater Shepparton City Council	SHEPPARTON NORTH	280 Daldy RD	Former Industrial Site. Requires assessment and/or clean up.	0090001776
Greater Shepparton City Council	COSGROVE	205 COSGROVE-LEMNOS RD	Former Landfill. Requires ongoing management.	0090003551
Greater Shepparton City Council	COSGROVE	205 COSGROVE-LEMNOS RD	Former Landfill. Requires ongoing management.	0090006807
Greater Shepparton City Council	MURCHISON	310 WOOLSHED RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008597
Hepburn Shire Council	CRESWICK	C/a 45a Parish Of Creswick County Of Talbot	Former Landfill. Requires ongoing management.	0090006899
Hepburn Shire Council	CRESWICK	C/a 45a Parish Of Creswick County Of Talbot	Former Landfill. Requires assessment and/or clean up.	0090006952
Hepburn Shire Council	DAYLESFORD	47 RAGLAN ST	Current Service Station. Requires ongoing management.	0090008622
Hepburn Shire Council	TRENTHAM	10 STATION ST	Current Industrial Site. Requires assessment and/or clean up.	0090008722
Hobsons Bay City Council	ALTONA MEADOWS	306 - 316 Queen ST	Current Service Station. Requires assessment and/or clean up.	0090002186
Hobsons Bay City Council	SOUTH KINGSVILLE	38 - 48 Blackshaws RD	Former Industrial Site. Requires ongoing management.	0090002381
Hobsons Bay City Council	SPOTSWOOD	144 - 150 HALL ST	Current Industrial Site. Requires assessment and/or clean up.	0090003301

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Information as at 31 July 2018

Municipality	Suburb	Address	Issue	Notice Number
Hobsons Bay City Council	ALTONA	401 - 435 Kororoit Creek RD	Current Industrial Site. Requires assessment and/or clean up.	0090003368
Hobsons Bay City Council	ALTONA	Queens ST	Former Landfill. Requires ongoing management.	0090003472
Hobsons Bay City Council	BROOKLYN	Hardie RD	Former Landfill. Requires ongoing management.	0090003487
Hobsons Bay City Council	ALTONA NORTH	Kyle RD	Former Landfill. Requires ongoing management.	0090003527
Hobsons Bay City Council	ALTONA	541 - 583 Kororoit Creek RD	Current Industrial Site. Requires assessment and/or clean up.	0090005374
Hobsons Bay City Council	SPOTSWOOD	512 - 578 Melbourne RD	Railway yard. Requires ongoing management.	0090005636
Hobsons Bay City Council	ALTONA NORTH	2 NEW ST	Former Industrial Site. Requires assessment and/or clean up.	0090006705
Hobsons Bay City Council	ALTONA MEADOWS	306 - 316 QUEEN ST	Current Service Station. Requires ongoing management.	0090006760
Hobsons Bay City Council	ALTONA	25 LINNET ST	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090006781
Hobsons Bay City Council	NEWPORT	411 DOUGLAS PDE	Current petroleum storage site. Requires assessment and/or clean up.	0090006881
Hobsons Bay City Council	NEWPORT	Underground Section Of Petroleum Pipelines That Run Under Champion Rd	Accidental spill/leak (non-industrial site). Requires assessment and/or clean up.	0090006968
Hobsons Bay City Council	ALTONA	351 - 381 MILLERS RD	Current Industrial Site. Requires ongoing management.	0090007005
Hobsons Bay City Council	ALTONA	521 - 537 Kororoit Creek RD	Current Industrial Site. Requires assessment and/or clean up.	0090007105
Hobsons Bay City Council	SPOTSWOOD	18 - 24 Drake ST	Former petroleum storage site. Requires assessment and/or clean up.	0090007126
Hobsons Bay City Council	SPOTSWOOD	29 FRANCIS ST	Current petroleum storage site. Requires ongoing management.	0090007570
Hobsons Bay City Council	ALTONA NORTH	400 - 498 Grieve PDE	Current Industrial Site. Requires assessment and/or clean up.	0090008356
Hobsons Bay City Council	ALTONA	351 - 381 MILLERS RD	Current petroleum storage site. Requires ongoing management.	0090008552
Hobsons Bay City Council	SPOTSWOOD	39 - 81 BURLEIGH ST	Current Industrial Site. Requires ongoing management.	0090008619
Hobsons Bay City Council	ALTONA	471 - 513 KOROROIT CREEK RD	Current Industrial Site. Requires assessment and/or clean up.	0090009008
Horsham Rural City Council	Longerenong	Corner of West and Centre Roads	Current Industrial Site. Requires assessment and/or clean up.	0090007170
Horsham Rural City Council	Horsham	Lot 1 TP894637 Parish of Horsham	Description : Railway Yard Management: Requires assessment and/or clean up. Requires assessment and/or clean up.	0090007194
Hume City Council	BULLA	315 Loemans RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090000177
Hume City Council	CAMPBELLFIELD	1735 Sydney RD	Current Industrial Site. Requires assessment and/or clean up.	0090002373
Hume City Council	CRAIGIEBURN	Craigieburn RD	Former Landfill. Requires ongoing management.	0090003107
Hume City Council	CAMPBELLFIELD	5 - 11 REO CR	Current Industrial Site. Requires assessment and/or clean up.	0090003276
Hume City Council	CRAIGIEBURN	Craigieburn RD	Former Landfill. Requires ongoing management.	0090003475
Hume City Council	CAMPBELLFIELD	468 - 472 MAHONEY'S RD	Former Landfill. Requires ongoing management.	0090003496
Hume City Council	DIGGERS REST	65 EDWARDS RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090003640
Hume City Council	MELBOURNE AIRPORT	206 - 300 WESTERN AV	Former Landfill. Requires ongoing management.	0090004621
Hume City Council	SUNBURY	45 - 55 DEVERALL RD	Illegal dumping. Requires assessment and/or clean up.	0090005274
Hume City Council	WILDWOOD	275 KONAGADERRA RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090006247
Hume City Council	DIGGERS REST	205 BULLA-DIGGERS REST RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090007300

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Municipality	Suburb	Address	Issue	Notice Number
Hume City Council	SOMERTON	70 CLIFFORDS RD	Current Industrial Site. Requires ongoing management.	0090007724
Hume City Council	Greenvale	Mitchell Lasry Quarry 555 Mickleham Road	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090007757
Hume City Council	KEILOR	145 Annandale RD	Former Landfill. Requires ongoing management.	0090007798
Hume City Council	CAMPBELLFIELD	1-71 & 2-70 BOLINDA RD	Former Landfill. Requires ongoing management.	0090007850
Hume City Council	DIGGERS REST	95 MCLEOD RD	Illegal dumping. Requires assessment and/or clean up.	0090008035
Hume City Council	ATTWOOD	7 SAINSBURY CT	Illegal dumping. Requires assessment and/or clean up.	0090008272
Hume City Council	BULLA	375 LOEMANS RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008663
Hume City Council	SOMERTON	208 HUME HWY	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008727
Hume City Council	BULLA	500 SUNBURY RD	Current landfill. Requires ongoing management.	0090008885
Kingston City Council	MOORABBIN	1 10 Ebdon ST	Former Industrial Site. Requires ongoing management.	0090002273
Kingston City Council	CLAYTON SOUTH	RYANS and DEALS RD	Former Landfill. Requires ongoing management.	0090003604
Kingston City Council	CLAYTON SOUTH	8 Elder ST	Former Landfill. Requires ongoing management.	0090003610
Kingston City Council	CHELSEA	84 - 130 THAMES PROM	Former Landfill. Requires ongoing management.	0090003613
Kingston City Council	CLAYTON SOUTH	623 - 633 HEATHERTON RD	Former Landfill. Requires assessment and/or clean up.	0090003855
Kingston City Council	DINGLEY VILLAGE	Spring Road & Rowan Road DINGLEY VILLAGE VIC 3172	Former Landfill. Requires assessment and/or clean up.	0090003857
Kingston City Council	MOORABBIN	SOUTH WEST CNR HEATHERTON SANDS & BUNNYS LANE	Former Landfill. Requires ongoing management.	0090006094
Kingston City Council	MENTONE	17 BALCOMBE RD	Former petroleum storage site. Requires assessment and/or clean up.	0090006641
Kingston City Council	CLAYTON SOUTH	FRASER RD	Former Landfill. Requires ongoing management.	0090006803
Kingston City Council	HEATHERTON	16 BALL RD	Former Landfill. Requires ongoing management.	0090006941
Kingston City Council	CLAYTON SOUTH	Cnr Deals RD & Heatherton RD	Former Landfill. Requires ongoing management.	0090006972
Kingston City Council	CLAYTON SOUTH	654 - 718 CLAYTON RD	Former Landfill. Requires ongoing management.	0090007014
Kingston City Council	OAKLEIGH SOUTH	19-71 CARROLL RD	Former Landfill. Requires ongoing management.	0090007021
Kingston City Council	CLAYTON SOUTH	Former Clayton Road Landfill Cnr. Clayton Road & Ryans Road	Former Landfill. Requires ongoing management.	0090007125
Kingston City Council	CLAYTON SOUTH	1486 - 1550 CENTRE RD	Former Industrial Site. Requires assessment and/or clean up.	0090008000
Kingston City Council	DINGLEY	370 - 418 Old Dandenong RD	Former Landfill. Requires ongoing management.	0090008100
Knox City Council	Wantirna	750A Boronia RD	Illegal dumping. Requires assessment and/or clean up.	0090000181
Knox City Council	WANTIRNA SOUTH	1180 HIGH STREET RD 251 GEORGE ST	Former Landfill. Requires ongoing management.	0090006480
Knox City Council	WANTIRNA SOUTH	14 COPPELIA ST	Former Landfill. Requires ongoing management.	0090007017
Knox City Council	ROWVILLE	1215 STUD RD	Current Service Station. Requires assessment and/or clean up.	0090008139
Knox City Council	WANTIRNA	750 BORONIA RD	Illegal dumping. Requires assessment and/or clean up.	0090008817
Latrobe City Council	TRARALGON SOUTH	Loy Yang B3/4 Bartons Lane	Ash pond with a Groundwater Attenuation Zone. Requires ongoing management.	0090002894
Latrobe City Council	MORWELL	412 COMMERCIAL RD	Former Industrial Site. Requires assessment and/or clean up.	0090008680
Latrobe City Council	Hazlewood North	Lot 2, PS533418 Monash Way	Illegal dumping. Requires assessment and/or clean up.	0090008833
Latrobe City Council	MORWELL	145 - 147 PRINCES DR	Former Service Station. Requires assessment and/or clean up.	0090008958
Loddon Shire Council	KORONG VALE	1000 INGLEWOOD-KORONG VALE RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008790
Loddon Shire Council	Rheola	CA 34A & 34B Sec. 5 PARISH of KANGDERAAR	Solid inert waste has been dumped at the site. Requires assessment and/or clean up.	0090008933



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Municipality	Suburb	Address	Issue	Notice Number
Loddon Shire Council	Wehla	Lot 1 on Plan LP114522 Wehla - Wedderburn Road	Solid inert waste has been dumped at the site. Requires assessment and/or clean up.	0090008934
Macedon Ranges Shire Council	LANCEFIELD	Baynton (Lot 16 LP208950) RD	Former Landfill. Requires ongoing management.	0090005294
Macedon Ranges Shire Council	ROMSEY	2 33 MAIN ST	Current Service Station. Requires assessment and/or clean up.	0090005361
Macedon Ranges Shire Council	KYNETON	Redesdale (Lot 24D\PP2979) RD	Former Landfill. Requires ongoing management.	0090006370
Macedon Ranges Shire Council	BULLENGAROOK	531 Hobbs RD	Former Landfill. Requires ongoing management.	0090006708
Macedon Ranges Shire Council	WOODEND	130 High ST	Former petroleum storage site. Requires ongoing management.	0090007648
Macedon Ranges Shire Council	GISBORNE	9 STATION RD	Former petroleum storage site. Requires assessment and/or clean up.	0090008336
Manningham City Council	PARK ORCHARDS	20 - 26 STINTONS RD	Illegal dumping. Requires assessment and/or clean up.	0090005987
Manningham City Council	PARK ORCHARDS	20 - 26 STINTONS RD	Illegal dumping. Requires assessment and/or clean up.	0090005988
Manningham City Council	PARK ORCHARDS	20 - 26 STINTONS RD	Illegal dumping. Requires assessment and/or clean up.	0090005989
Manningham City Council	PARK ORCHARDS	20 - 26 STINTONS RD	Illegal dumping. Requires assessment and/or clean up.	0090006690
Mansfield Shire Council	MANSFIELD	Monkey Gully RD	Former Landfill. Requires ongoing management.	0090007633
Maribyrnong City Council	YARRAVILLE	1 - 3 High ST	Former Industrial Site. Requires ongoing management.	0090000134
Maribyrnong City Council	BROOKLYN	550 GEELONG RD	Former Industrial Site. Requires assessment and/or clean up.	0090002056
Maribyrnong City Council	YARRAVILLE	221 Whitehall ST	Former Industrial Site. Requires ongoing management.	0090003331
Maribyrnong City Council	FOOTSCRAY	Farnsworth AV	Former Landfill. Requires ongoing management.	0090003484
Maribyrnong City Council	MAIDSTONE	9 - 15 WILLIAMSON RD	Former Industrial Site. Requires assessment and/or clean up.	0090003767
Maribyrnong City Council	MAIDSTONE	9 - 15 WILLIAMSON RD	Former Industrial Site. Requires assessment and/or clean up.	0090003768
Maribyrnong City Council	BROOKLYN	550 GEELONG RD	Illegal dumping. Requires assessment and/or clean up.	0090004455
Maribyrnong City Council	3012	1 AMANDA RD TOTTENHAM	Current chemical storage facility. Requires assessment and/or clean up.	0090004939
Maribyrnong City Council	YARRAVILLE	2A FRANCIS ST	Former Industrial Site. Requires assessment and/or clean up.	0090006320
Maribyrnong City Council	WEST FOOTSCRAY	1 - 19 Graingers RD	Former chemical storage facility. Requires assessment and/or clean up.	0090006322
Maribyrnong City Council	YARRAVILLE	325 WHITEHALL STREET	Former Industrial Site. Requires assessment and/or clean up.	0090006664
Maribyrnong City Council	BRAYBROOK	30 - 38 SOUTH RD	Current Industrial Site. Requires assessment and/or clean up.	0090007873
Maribyrnong City Council	YARRAVILLE	325 WHITEHALL STREET	Former Industrial Site. Requires assessment and/or clean up.	0090008694
Maroondah City Council	CROYDON	58 - 60 VINTER AV	Contaminated soil is retained and managed onsite. Requires assessment and/or clean up.	0090007069
Maroondah City Council	RINGWOOD EAST	18 Mount Dandenong RD	Current Service Station. Requires ongoing management.	0090008258
Melbourne City Council	KENSINGTON	71 - 89 HOBSONS RD	Contaminated soil is retained and managed onsite. Requires assessment and/or clean up.	0090007064
Melbourne City Council	PORT MELBOURNE	2 WEST GATE FWY	Current Service Station. Requires assessment and/or clean up.	0090007492
Melbourne City Council	PORT MELBOURNE	1 WEST GATE FWY	Current Service Station. Requires assessment and/or clean up.	0090007721
Melbourne City Council	CARLTON	46-78 Bouverie Street , 185-195 Queensberry Street	Former Industrial Site. Requires assessment and/or clean up.	0090008725
Melbourne City Council	PORT MELBOURNE	21 - 51 SARDINE ST	Current Industrial Site. Requires assessment and/or clean up.	0090008769

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Municipality	Suburb	Address	Issue	Notice Number
Melton Shire Council	PLUMPTON	627 - 703 Plumpton RD	Solid inert waste has been dumped at the site. Requires assessment and/or clean up.	0090000300
Melton Shire Council	PLUMPTON	627 - 703 PLUMPTON RD	Solid inert waste has been dumped at the site. Requires assessment and/or clean up.	0090003893
Melton Shire Council	PLUMPTON	627 - 703 PLUMPTON RD	Illegal dumping. Requires assessment and/or clean up.	0090004146
Melton Shire Council	COBBLEBANK	28 - 52 FERRIS RD	Former Landfill. Requires ongoing management.	0090005053
Melton Shire Council	COBBLEBANK	43 FERRIS ROAD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008182
Mildura Rural City Council	KOORLONG	Twentieth ST	Former Landfill. Requires ongoing management.	0090005267
Mildura Rural City Council	MILDURA	211 - 217 NINTH ST	Former petroleum storage site. Requires ongoing management.	0090005843
Mildura Rural City Council	MILDURA	220 - 222 TENTH ST	Former petroleum storage site. Requires assessment and/or clean up.	0090005846
Mildura Rural City Council	NICHOLS POINT	63 CURETON (Lot 3, LP218256) AV	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090006182
Mildura Rural City Council	OUYEN	52 - 56 FARRELL (CA19 SECTION 3\PP5621) ST	Former petroleum storage site. Requires ongoing management.	0090007130
Mildura Rural City Council	KOORLONG	153 (LOT 1\TP390223) TWENTY FOURTH ST	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008389
Mildura Rural City Council	MILDURA	13 SCHERGER DR	Current landfill. Requires ongoing management.	0090008586
Mildura Rural City Council	OUYEN	48 FARRELL ST	Current petroleum storage site. Requires ongoing management.	0090008729
Mildura Rural City Council	Irymple	Lots 1 & 2 Plan TP674977 Cowra Avenue Extension	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008745
Mitchell Shire Council	BROADFORD	High ST	Former Landfill. Requires ongoing management.	0090003542
Mitchell Shire Council	SEYMOUR	Lot 1\TP41415 HUME AND HOVELL ROAD	Former Landfill. Requires ongoing management.	0090007542
Moira Shire Council	YARRAWONGA	81 Channel RD	Former Landfill. Requires ongoing management.	0090003539
Moira Shire Council	NUMURKAH	Parish Of Katunga C/a 14 Sect D Naring Rd	Former Landfill. Requires ongoing management.	0090003545
Moira Shire Council	NUMURKAH	Parish Of Katunga C/a 14 Sect D Naring Rd	Former Landfill. Requires ongoing management.	0090007551
Moira Shire Council	YARRAWONGA	81 Channel RD	Former Landfill. Requires ongoing management.	0090008056
Monash City Council	OAKLEIGH EAST	108 - 112 FERNTREE GULLY RD	Former Landfill. Requires ongoing management.	0090006175
Monash City Council	GLEN WAVERLEY	310 - 336 SPRINGVALE RD	Current Industrial Site. Requires ongoing management.	0090006390
Monash City Council	CLAYTON	1555 - 1615 CENTRE RD	Former Industrial Site. Requires assessment and/or clean up.	0090007862
Moonee Valley City Council	ASCOT VALE	556 MT ALEXANDER RD	Current Service Station. Requires ongoing management.	0090007960
Moorabool Shire Council	MADDINGLEY	1 PS908919 Side Of Kerrs RD	Former Landfill. Requires ongoing management.	0090003631
Moorabool Shire Council	FISKVILLE	4549 Geelong-Ballan RD	Current Industrial Site. Requires assessment and/or clean up.	0090004570
Moorabool Shire Council	FISKVILLE	4549 Geelong-Ballan RD	Current Industrial Site. Requires assessment and/or clean up.	0090004571
Moreland City Council	Brunswick	225 and 227-231 Barkly Street	Former Industrial Site. Requires ongoing management.	0090004362
Moreland City Council	BRUNSWICK	225 and 227-231 Barkly Street	Former Industrial Site. Requires ongoing management.	0090004520
Moreland City Council	BRUNSWICK EAST	4 - 6 BARKLY ST	Former petroleum storage site. Requires assessment and/or clean up.	0090006773
Moreland City Council	COBURG NORTH	46 - 54 Newlands RD	Current Service Station. Requires ongoing management.	0090007998
Moreland City Council	BRUNSWICK	699-701 PARK STREET, 2-4 SYDNEY ROAD 182, 184-186, 188 AND 190-192 BRUNSWICK	Former Industrial Site. Requires assessment and/or clean up.	0090008501
Mornington Peninsula Shire Council	MOUNT ELIZA	250 - 450 Moorooduc HWY	Former Landfill. Requires ongoing management.	0090000477



# PRIORITY SITES REGISTER

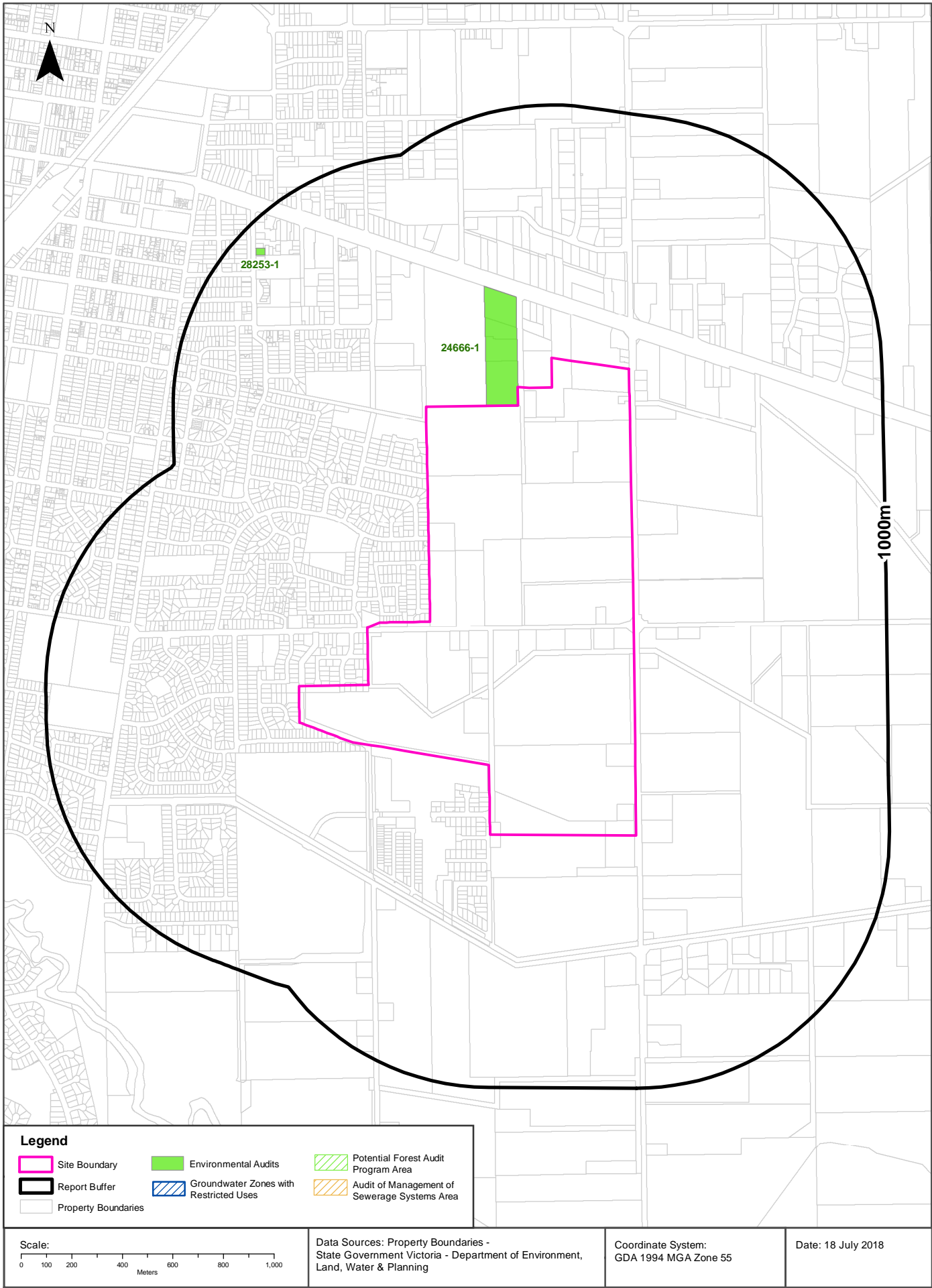
Information as at 31 July 2018

Municipality	Suburb	Address	Issue	Notice Number
Mornington Peninsula Shire Council	RED HILL	87 Arthurs Seat RD	Current Service Station. Requires assessment and/or clean up.	0090002114
Mornington Peninsula Shire Council	ROSEBUD WEST	119 Truemans RD	Former Landfill. Requires ongoing management.	0090003616
Mornington Peninsula Shire Council	CRIB POINT	2 Lens ST	Former Landfill. Requires ongoing management.	0090003619
Mornington Peninsula Shire Council	MOUNT ELIZA	250 - 450 Moorooduc HWY	Former Landfill. Requires ongoing management.	0090003744
Mornington Peninsula Shire Council	HASTINGS	33 CEMETERY RD	Current Industrial Site. Requires assessment and/or clean up.	0090007389
Mornington Peninsula Shire Council	TYABB	15-21 MCKIRDYS RD	Former Landfill. Requires ongoing management.	0090007677
Mornington Peninsula Shire Council	DROMANA	107 - 109 POINT NEPEAN RD	Current petroleum storage site. Requires assessment and/or clean up.	0090008942
Mount Alexander Shire Council	Castlemaine	74 Tomkies Road Lane	Contaminated soil is retained and managed onsite. Requires ongoing management.	0090004156
Mount Alexander Shire Council	CASTLEMAINE	CASTLEMAINE WRP CA 7a 8a 9a 16 16e & 16f Sec D3	Current waste water treatment plant. Requires assessment and/or clean up.	0090008288
Moyne Shire Council	PORT FAIRY	Badhams LANE	Former Landfill. Requires ongoing management.	0090003625
Moyne Shire Council	ALLANSFORD	5331 Great Ocean RD	Current Industrial Site. Requires ongoing management.	0090004322
Nillumbik Shire Council	PANTON HILL	165 MOTSCHALL RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090002083
Nillumbik Shire Council	ELTHAM	197 Sherbourne RD	Former Industrial Site. Requires assessment and/or clean up.	0090007082
Nillumbik Shire Council	YARRAMBAT	290 - 304 Yan Yean RD	Former Landfill. Requires ongoing management.	0090007767
Nillumbik Shire Council	KANGAROO GROUND	105 GRAHAM RD	Former Landfill. Requires ongoing management.	0090007781
Northern Grampians Shire Council	Stawell	Crown Allotment 136K Parish of Illawarra	Industrial waste has been dumped at the site. Requires ongoing management.	0090006260
Northern Grampians Shire Council	Stawell	Crown Allotment 136K Parish of Illawarra	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090006261
Northern Grampians Shire Council	Stawell	TSF2 ,CA1 Sec5,CA4 Sec5, CA5 Sec5 CA6 Sec5, CA18V Sec2, CA18W Sec2,	Historical deposit of mine tailings. Requires assessment and/or clean up.	0090008332
Southern Grampians Shire Council	PENSHURST	14 PENSHURST-DUNKELD RD	Current Industrial Site. Requires assessment and/or clean up.	0090008485
Southern Grampians Shire Council	PENSHURST	14 PENSHURST-DUNKELD RD	Former Industrial Site. Requires assessment and/or clean up.	0090008486
South Gippsland Shire Council	FOSTER	4090 SOUTH GIPPSLAND HWY	Former Landfill. Requires ongoing management.	0090003533
South Gippsland Shire Council	FOSTER	4090 SOUTH GIPPSLAND HWY	Former Landfill. Requires ongoing management.	0090003747
South Gippsland Shire Council	LEONGATHA SOUTH	630 ROUGHEADS RD	Former Landfill. Requires ongoing management.	0090006475
South Gippsland Shire Council	AGNES	614 BARRY RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090009029
Surf Coast Shire Council	ANGLESEA	CAMP RD	Former Industrial Site. Requires assessment and/or clean up.	0090006380
Surf Coast Shire Council	Winchelsea	84 Hopkins Street CA 33 Township of Winchelsea	Gun, pistol or rifle range. Requires assessment and/or clean up.	0090008921
Surf Coast Shire Council	Winchelsea	84 Hopkins Street CA 33 Township of Winchelsea	Gun, pistol or rifle range. Requires assessment and/or clean up.	0090008985
Swan Hill Rural City Council	Swan Hill	3 Hastings Street	Former petroleum storage site. Requires assessment and/or clean up.	0090006980
Towong Shire Council	BETHANGA	4 MARTIN ST	Former Landfill. Requires ongoing management.	0090003554
Wangaratta Rural City Council	WANGARATTA SOUTH	99 SHANLEY ST	Current Industrial Site. Requires assessment and/or clean up.	0090007165
Wangaratta Rural City Council	North Wangaratta	21 Detour Road	Gun, pistol or rifle range. Requires assessment and/or clean up.	0090008899
Warrnambool City Council	WARRNAMBOOL	Braithwaite ST	Former Landfill. Requires ongoing management.	0090007563

# PRIORITY SITES REGISTER

Information as at 31 July 2018

Municipality	Suburb	Address	Issue	Notice Number
Wellington Shire Council	TRARALGON	Loy Yang Switchyard Bartons LANE	Ash pond with a Groundwater Attenuation Zone. Requires ongoing management.	0090002893
Wellington Shire Council	YARRAM	Off Yarram-Traralgon RD	Former Landfill. Requires ongoing management.	0090003055
Wellington Shire Council	SALE	2-14 McMillan Streeet	Former Industrial Site. Requires assessment and/or clean up.	0090007112
Wellington Shire Council	WEST SALE	Cnr Princes Highway and Sale-Cowarr Road	Current Industrial Site. Requires ongoing management.	0090007151
Wellington Shire Council	SALE	51 - 53 STEAD ST	Accidental spill/leak (non-industrial site). Requires assessment and/or clean up.	0090008278
Wellington Shire Council	LONGFORD	GARRETTS RD	Current Industrial Site. Requires assessment and/or clean up.	0090008496
Wellington Shire Council	LONGFORD	GARRETTS RD	Current Industrial Site. Requires assessment and/or clean up.	0090008551
Whitehorse City Council	BOX HILL	14 Federation ST	Former Landfill. Requires ongoing management.	0090003499
Whittlesea City Council	EPPING	500 Cooper ST	Former Landfill. Requires ongoing management.	0090003490
Whittlesea City Council	EPPING	490 COOPER ST	Former Landfill. Requires ongoing management.	0090003502
Whittlesea City Council	WHITTLESEA	125 Holts RD	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090006944
Whittlesea City Council	THOMASTOWN	15 INDUSTRIAL AV	Illegal dumping. Requires assessment and/or clean up.	0090007144
Whittlesea City Council	THOMASTOWN	338 - 342 SETTLEMENT RD	Former petroleum storage site. Requires ongoing management.	0090007336
Whittlesea City Council	EPPING	315 OHERNS RD	Illegal dumping. Requires assessment and/or clean up.	0090008250
Whittlesea City Council	WOLLERT	585 SUMMERHILL RD	Contaminated soil is retained and managed onsite. Requires assessment and/or clean up.	0090008382
Wodonga Rural City Council	WODONGA	3437 Beechworth-Wodonga RD	Former Landfill. Requires ongoing management.	0090003548
Wodonga Rural City Council	WODONGA	CARROLLS LANE LOT 1TP423757	Industrial waste has been dumped at the site. Requires assessment and/or clean up.	0090008268
Wyndham City Council	LAVERTON NORTH	41 - 55 LEAKES RD	Former Industrial Site. Requires ongoing management.	0090003389
Wyndham City Council	LITTLE RIVER	490 EDGARS RD	Illegal dumping. Requires assessment and/or clean up.	0090004276
Wyndham City Council	LAVERTON NORTH	41 - 55 LEAKES RD	Contaminated soil is retained and managed onsite. Requires ongoing management.	0090007725
Wyndham City Council	LAVERTON NORTH	103 - 105 Pipe RD	Current Industrial Site. Requires assessment and/or clean up.	0090007881
Wyndham City Council	HOPPERS CROSSING	11-13 & 15-17 DUNLOP ROAD HOPPERS CROSSING VIC 3029	Current chemical storage facility. Requires assessment and/or clean up.	0090008691
Wyndham City Council	LAVERTON NORTH	19 LITTLE BOUNDARY RD	Current Industrial Site. Requires ongoing management.	0090008784
Yarra City Council	FITZROY NORTH	433 SMITH ST	Former Industrial Site. Requires ongoing management.	0090004363
Yarra City Council	RICHMOND	1-21 KENT STREET & 10-24 BUCKINGHAM STREET	Former Industrial Site. Requires assessment and/or clean up.	0090007101
Yarra Ranges Shire Council	KILSYTH	2 76 Fussell RD	Former Industrial Site. Requires assessment and/or clean up.	0090006106
Yarra Ranges Shire Council	KILSYTH	2 76 Fussell RD	Former Industrial Site. Requires assessment and/or clean up.	0090006107
Yarra Ranges Shire Council	Coldstream	70 Station ST	Illegal dumping. Requires assessment and/or clean up.	0090008862







# INFORMATION REGARDING ENVIRONMENTAL AUDIT REPORTS

August 2007

## VICTORIA'S AUDIT SYSTEM

An environmental audit system has operated in Victoria since 1989. The *Environment Protection Act 1970* (the Act) provides for the appointment by the Environment Protection Authority (EPA Victoria) of environmental auditors and the conduct of independent, high quality and rigorous environmental audits.

An environmental audit is an assessment of the condition of the environment, or the nature and extent of harm (or risk of harm) posed by an industrial process or activity, waste, substance or noise. Environmental audit reports are prepared by EPA-appointed environmental auditors who are highly qualified and skilled individuals.

Under the Act, the function of an environmental auditor is to conduct environmental audits and prepare environmental audit reports. Where an environmental audit is conducted to determine the condition of a site or its suitability for certain uses, an environmental auditor may issue either a certificate or statement of environmental audit.

A certificate indicates that the auditor is of the opinion that the site is suitable for any beneficial use defined in the Act, whilst a statement indicates that there is some restriction on the use of the site.

Any individual or organisation may engage appointed environmental auditors, who generally operate within the environmental consulting sector, to undertake environmental audits. The EPA administers the environmental audit system and ensures its ongoing integrity by assessing auditor applications and ensuring audits are independent and conducted with regard to guidelines issued by EPA.

## AUDIT FILES STRUCTURE

Environmental audit reports are stored digitally by EPA in three parts: the audit report (part A), report appendices (part B) and, where applicable, the certificate or statement of environmental audit and an executive summary (part C). A report may be in colour and black-and-white formats. Generally, only black-and-white documents are text searchable.

Report executive summaries, findings and recommendations should be read and relied upon only in the context of the document as a whole, including any appendices and, where applicable, any certificate or statement of environmental audit.

## AUDIT REPORT CURRENCY

Audit reports are based on the conditions encountered and information reviewed at the time of preparation and do not represent any changes that may have occurred since the date of completion. As it is not possible for an audit to present all data that could be of interest to all readers, consideration should be made to any appendices or referenced documentation for further information.

When information regarding the condition of a site changes from that at the time an audit report is issued, or where an administrative or computation error is identified, environmental audit reports, certificates and statements may be withdrawn or amended by an environmental auditor. Users are advised to check [EPA's website](http://www.epa.vic.gov.au) to ensure the currency of the audit document.

## PDF SEARCHABILITY AND PRINTING

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## FURTHER INFORMATION

For more information on Victoria's environmental audit system, visit EPA's website or contact EPA's Environmental Audit Unit.

Web: [www.epa.vic.gov.au/envaudit](http://www.epa.vic.gov.au/envaudit)

Email: [environmental.audit@epa.vic.gov.au](mailto:environmental.audit@epa.vic.gov.au)



**MITFORD ENGINEERING**  
**ENVIRONMENTAL AUDIT REPORT**  
**LOT 1 ZURCAS LANE**  
**SHEPPARTON**  
**FEBRUARY 1995**



24666-1-A



**CMPS&F ENVIRONMENTAL**

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**ENVIRONMENT PROTECTION ACT 1970  
SECTION 57AA  
STATEMENT OF ENVIRONMENTAL AUDIT**

I, Wayne Drew of CMPS&F Pty Limited, a person appointed by the Environment Protection Authority ("the Authority") under the Environmental Protection Act 1970 ("the Act") as an environmental auditor for the purposes of the Act, having:

1. been requested by Mitford Engineering to issue a Certificate of Environmental Audit in relation to the land located at Lot 1, Zurcas Lane, Shepparton, defined in Figures 1 and 2 attached to this Certificate ("the site") until recently owned by Mrs. Bertha May Nelson (now deceased) and is to be sold through Stubbs Wallace & Partners.
2. had regard to, amongst other things,
  - (i) guidelines issued by the Authority for the purposes of Section 57AA of the Act;
  - (ii) the beneficial uses that may be made of the land at the site; and
  - (iii) relevant State Environment Protection Policies/Industrial Waste Management Policies, namely the State Environment Protection Policy (Waters of Victoria), Station Environment Protection Policy (Waters of Dandenong Valley) and the State Environment Protection Policy (The Air Environment)

have declined to issue a certificate of environmental audit due to the presence of residual contamination on the site (as outlined in the Report). However based on the investigations carried out and a subsequent health and environmental risk assessment an opinion has been reached that the condition of the site at the time of sampling is suitable for residential use if a development occurs where the site is covered mainly by buildings, driveway, paved carparks and walkways and exposed garden areas are either covered with turf or clean imported fill. If a development is proposed which substantially deviates from that which involves development as outlined, then this statement of approval would need to be reviewed and potentially varied. Following these conditions any contamination remaining on site is unlikely to adversely effect beneficial uses of the land.

Finally it has been concluded that the levels of Organochlorine Pesticides remaining on the site may possibly cause some minor effects to wild life in the vicinity of the site, although

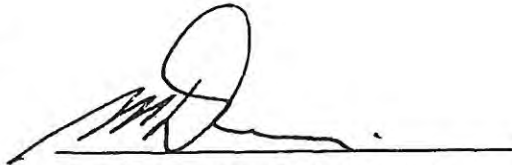


no phytotoxic effects are expected to occur. Similarly it is unlikely that the contamination will cause any off-site environmental impacts.

A copy of this report should be provided to the relevant planning authority prior to any development taking place.

DATED:

SIGNED:

A handwritten signature in black ink, consisting of a large, stylized 'D' followed by several loops and a horizontal line extending to the right.

ENVIRONMENTAL AUDITOR



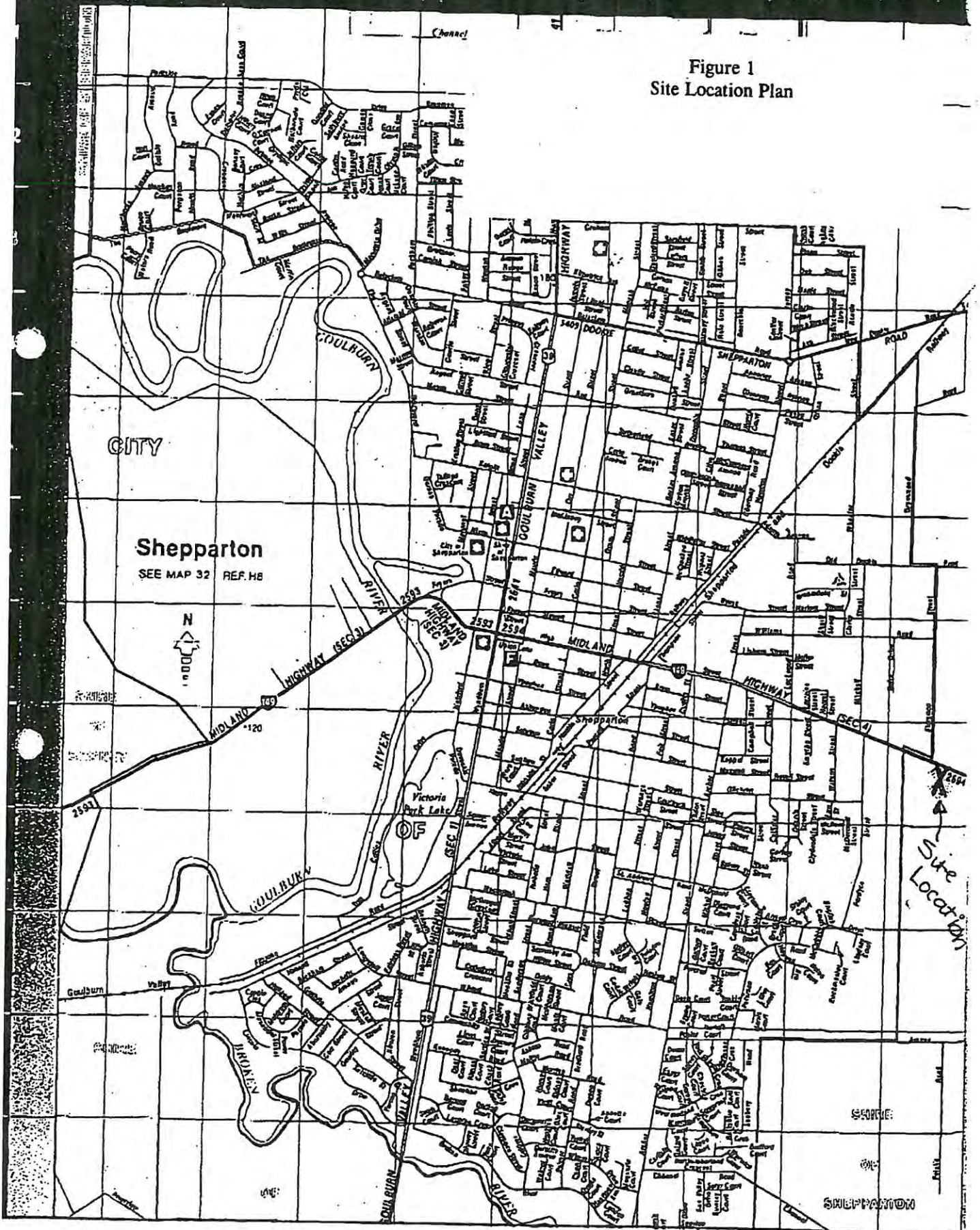


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B C D E F G H J K

Figure 1  
Site Location Plan





ZURCHAS LANE

O/A 423 490 / 180'0"

302 000

MIDLAND HIGHWAY  
136 000 / 109'4"

LOT 1  
6.016 HA

133 000

133 250 / 270'0"

BC

33

32

31

21

17

16

9

8

1

35

34

30

29

22

18

15

10

7

2

36

37

28

27

23

19

14

11

6

3

38

39

26

25

24

20

13

12

5

4

353 000

O/A 474 550 / 0'0"

**SITE PLAN** SCALE 1:1000



Figure 2  
Site Plan

**MITTFORD ENGINEERING P/L**  
Unit 1/11 England Street, Dandenong...3175  
TEL: (03) 706 4122 FAX: (03) 706 4110  
A/CN 003 309

CLIENT: SHEPPARTON MULTICULTURAL HOSTEL INC.

SITE: LOT 1 ZURCHAS LANE, SHEPPARTON.

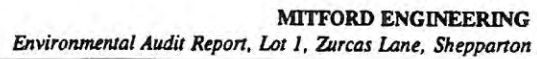
PROJECT: ENVIRONMENTAL ASSESSMENT.

OUR REF: 94/19C

DATE: 7/6/28

SCALE: 1:1000

NOTES: 20 - DENOTES BOREHOLE No. 20  
DEPTH SAMPLES (0.5 & 1.0 metre)  
TAKEN AT THESE LOCATIONS.

[illegible]

[illegible]



**MITFORD ENGINEERING  
ENVIRONMENTAL AUDIT REPORT  
LOT 1 ZURCAS LANE, SHEPPARTON**

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APPENDIX 1 "Environmental Assessment, Lot 1, Zurcas Lane, Shepparton", Mitford Engineering, August 1994.

APPENDIX 2 "Addendum to Preliminary Environmental Assessment, Lot 1, Zurcas Lane, Shepparton", Mitford Engineering, October 1994.

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## **SUMMARY**

An Environmental Audit of the former Strawberry growing site, Lot 1, Zurcas Lane, Shepparton has been conducted at the request of Mitford Engineering. The site has a long history of use as an agricultural site during which time it was used as an orchard and more recently for growing tomatoes and strawberries.

An initial assessment and further investigation were completed by Mitford Engineering and analyses were conducted by MGT Environmental Consultants (MGT).

The soil samples were shown to have concentrations of organic pesticides that exceeded investigation thresholds. Groundwater samples were shown to have no organic pesticide contamination

A review of adjacent site usage did not identify potential sources of contamination which would adversely affect the condition of the land at the site.

Based on the assessment a Certificate of Environmental Audit has not been issued for the site.

## **1. INTRODUCTION**

### **1.1 Background**

Dr. Wayne Drew of CMPS&F Environmental (CMPS&F) has undertaken an environmental audit of land at Zurcas Lane, Shepparton being a site which has been extensively used for agricultural purposes. The proposed future for the site is to redevelop it for use as a hostel and also for residential purposes. The environmental report was undertaken at the request and behalf of Mitford Engineering Pty Ltd.

The site has a long history of use in an agricultural role and for the last fifteen years has been used solely for growing strawberries and tomatoes. Prior to this the land and surrounding areas (pre-subdivision) were used as an orchard.

**1.2 Audit Requirements****a) Name of Auditor:**

*Dr. Wayne Drew*

**b) Date of Appointment as an Environment Auditor - Contaminated Land under the Environment Protection Act, 1970:**

*Appointment: 6th October, 1994*

**c) Request for an Environmental Audit:**

*Mitford Engineering (Dr. J.E.Holland)*

**d) Address of Site (refer Figure 1):**

*Lot 1 Zurcas Lane, Shepparton*

**e) Completion date of Environmental Audit:**

*February, 1995*

**f) Documentation Reviewed:**

- "Environmental Assessment, Lot 1, Zurcas Lane, Shepparton", Mitford Engineering, August 1994.
- "Addendum to Preliminary Environmental Assessment, Lot 1, Zurcas Lane, Shepparton", Mitford Engineering, October 1994.
- "Groundwater Assessment, Lot 1, Zurcas Lane, Shepparton", Mitford Engineering, January 1995.



### 1.3 Beneficial Uses to be Protected

The site of Lot 1, Zurcas Lane is located within a mixed agricultural/commercial precinct with a drainage channel to the south beyond which are orchards. To the south-west the area is used for grazing. To the east the land is bound by Zurcas Lane and to the north is a small area for growing strawberries and a fruitstall. Residential redevelopment of the site is proposed. As a Certificate of Environmental Audit is desired for the site, the site must be free of contamination which would adversely affect beneficial uses of the land at the site if used for a sensitive purpose, including residential. It is noted that State Environment Protection Policies (SEPP) have not been issued with respect to land or groundwater, however, the SEPP (Waters of Victoria) and SEPP (Waters of Dandenong Valley) is applicable for surface rainfall runoff to surface waters, and the SEPP (The Air Environment) is applicable for assessing the impact of emissions to air.

At the time of preparation of this report, groundwater quality criteria have not been established for Victoria; however, the requirements for the quality of groundwater for a range of different uses is specified in the Victorian EPA Recommended Water Quality Criteria (EPA Publication No. 165). In addition, the Australian Water Resources Council (AWRC) in co-operation with the Australian and New Zealand Environment and Conservation Council (ANZECC) have developed Draft Guidelines for Groundwater Protection, August 1992 as part of a national strategy for water quality management. Both the EPA Recommended Water Quality Criteria and the draft national guidelines are used as a basis for assessment of possible groundwater contamination. The draft national guidelines reference groundwater criteria contained in the ANZECC Draft National Water Quality Guidelines, 1990. The 1990 ANZECC Guidelines were replaced in November 1992 by the ANZECC Australian Water Quality Guidelines for Fresh and Marine Waters.

Recently the EPAV has issued a draft State Environment Policy (Groundwaters of Victoria). While this policy will not be declared for some months it is considered that the draft SEPP provides the best available information on the EPAV's position regarding groundwater.

The beneficial uses to be considered include:

- the life, health and well being of humans both on the site and external to the site;
- life, health and well being of other forms of life, including animals and vegetation, both on the site and external to the site;
- useful life, aesthetic appearance of buildings, structures, property and materials both on the site and external to the site; and
- use of aquifers for ecosystem support.

#### **1.4 Guidelines for Auditing Sites**

The EPA has issued Explanatory Notes and Guidelines for Environmental Auditors - Contaminated Land (WM 90/04 May 1992). These Guidelines indicate that Certificate of Environmental Audit have the purpose of providing an authoritative means of ensuring that land is not adversely affected by contamination. The Guidelines indicate that the audit should follow the approach for assessment of contaminated sites outlined in the ANZECC/NHMRC Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites, January 1992. This Environmental Audit has been conducted in accordance with the EPA and ANZECC/NHMRC guidelines.

## **2. PRIOR ASSESSMENTS OF THE SITE**

### **2.1 Details of the Investigation**

Mitford Engineering undertook a preliminary assessment of soil contamination at the site formerly used for strawberry and tomato growing. An addendum to the preliminary assessment was then completed as was a groundwater assessment.

### **2.2 Type of Assessment Undertaken**

The assessment program has involved investigations that would typically be undertaken for agricultural sites in an area known to have been treated with DDT. The assessment program initially consisted of a soil sampling and analysis program to broadly define the nature and extent of any soil contamination including a review of site history.

Following the initial program further analyses were conducted on individual soil samples. More extensive chemical analyses were deemed necessary and individual soil samples were analysed in this round, rather than in composite groups, to better define the extent of any contamination at the site.

Mitford Engineering conducted the sampling of soils during the initial assessment. Both individual and composite soil sample analyses were carried out principally by MGT Environmental Consulting Pty. Ltd. (MGT) with WSL Consultants Pty. Ltd. (WSL) acting as the check laboratory.

An additional analysis was conducted on the groundwater. This was conducted to determine the presence and extent of any groundwater contamination. Again this sampling program was conducted by Mitford Engineering and samples analysed by MGT.

### **2.3 Site History**

The site is currently being used for growing tomatoes and strawberries and has served this purpose for a period of fifteen years. Approximately twenty-five years ago the site was subdivided from a larger area of land, the whole of which was used as an orchard. It was determined that no farm buildings were located on the area of concern and the site was covered in orchard trees.

#### *Contaminated Sites Register*

The site is not included in the State Register of Confirmed Contaminated Sites as issued by the EPA in April 1994.

### **2.4 Laboratories Used and Analytical Methods Chosen**



#### **2.4.1 Laboratories**

The following laboratories were used by the various consultants for analysis of soil samples:

- Initial Site Assessment
  - MGT Environmental Consulting Pty. Ltd. (MGT)
  - Quality Control Laboratory - WSL Consultants Pty. Ltd. (WSL)
- Further Investigation
  - MGT Environmental Consulting Pty. Ltd. (MGT)
- Groundwater Assessment
  - MGT Environmental Consulting Pty. Ltd. (MGT)

#### **2.4.2 NATA Registration**

##### *Initial Investigation*

MGT Environmental Consulting (MGT) is NATA registered for all the analysis completed as part of the initial assessment.

##### *Further Investigation*

During the follow up investigation the samples analysed were single samples only and not composites. These were again NATA registered for all the analysis completed.

##### *Groundwater Investigation*

The groundwater samples taken in January were also single samples and were NATA registered for all the analysis completed.

##### *Sampling Program*

Mitford Engineering's Report includes NATA endorsed laboratory sheets for all parameters analysed for by the primary laboratory, MGT, and the quality control laboratory WSL.

#### **2.4.3 Analytical Methods**

The analytical methods used by MGT during the initial assessment are not detailed in the report.

### **3. RESULTS OF THE INVESTIGATIONS AND CLEAN-UP**

#### **3.1 Nature and Extent of Contamination**

##### **3.1.1 Site History Considerations**

From the history of the site, chemical contamination would be expected to be reasonably evenly distributed around the site.

##### **3.1.2 Initial Investigations**

The initial soil assessment conducted by MGT included analyses for heavy metals, chlorinated hydrocarbons, MAH's aromatic volatile organics, polynuclear aromatic hydrocarbons, petroleum hydrocarbons, phenols and cresols and organochlorine pesticides.

During the first stage of the program, soil samples were collected from 39 locations in a grid pattern across the site. Grid sampling locations were recovered at 150 mm to 1000 mm depth.

The on-site samples were composited to form a number of four-part sample composites and a two four-part depth composites. All of these composites underwent analyses for organo chlorine pesticides. Two sets of composites (one surface and one at depth) underwent analyses for a set of screening parameters as recommended by the EPA. These parameters are:

- Metals - lead (Pb), cadmium, (Cd), chromium (Cr), copper (Cu), cobalt (Co), antimony (Sb), arsenic (As), molybdenum (Mb), mercury (Hg), nickel (Ni), selenium (Se), Tin (Sn), Zinc (Zn), beryllium (Be).
- Chlorinated Hydrocarbons
- Monocyclic Aromatic Hydrocarbons (MAHs)
- Organochlorine Pesticides (OCPs)
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Phenols and Cresols
- Total Petroleum Hydrocarbons (TPHs)



A background sample and field blank were analysed for organochlorine pesticides. Both samples revealed no contamination.

Where composite samples reported concentrations of parameters exceeding the modified investigation level for four-part composites, further investigations were conducted.

### **3.1.3 Further Investigations**

Following the initial assessment, Mitford Engineering conducted further investigations as detailed in the results. Soil samples that were collected in the first stage were re-analysed as individual samples rather than in composites. The soil sampling and analyses program implemented in this study was to more precisely determine the extent of contamination in individual samples.

The further investigations identified:

- Levels of DDE above Dutch B and acceptance criteria through most of the area that was sampled.
- DDT levels above Dutch B criteria and acceptance criteria scattered in the area.
- Only one high reading of DDD that was above the acceptance criteria.
- One sample with a high copper level which was above acceptance criteria.
- All soil sample analyses readings were below Dutch C criteria.

The results of both the soil and groundwater analyses are summarised in Table 3.1.

### **3.1.4 Groundwater Investigations**

To confirm that no leaching of contaminants was occurring from the soil into the groundwater, two water bores were constructed one upstream and one downstream of the site. Samples were collected and analysed for organochlorine pesticides. No concentrations above detection limits (0.1 ug/L) were encountered which indicates that pesticide contamination is not leaching into the groundwater.

Borelogs for the two bores can be found in Appendix A of Mitford Engineering's report on groundwater assessment.

## **3.2 Quality Control**

### *Laboratory Quality Control*

The external laboratory quality control program conducted during the initial soil sampling program comprises analyses of a split sample by a secondary or control laboratory (WSL).

Table 3.1  
Groundwater and Soil Summary Results Table

Groundwater

Sample No.	Depth to Sample (m)	Aldrin (ppb)	Lindane (ppb)	DDD (ppb)	DDE (ppb)	DDT (ppb)	Dieldrin (ppb)	Endrin (ppb)
Acceptance Criteria		1	10			3	1	1
TP1A	1.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TP2A	5.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Soil (Surface Samples)

Sample No.	Aldrin (ppm)	Lindane (ppm)	DDD (ppm)	DDE (ppm)	DDT (ppm)	Dieldrin (ppm)	Endrin (ppm)	Total OC Pesticides	Arsenic (ppm)	Copper (ppm)
Acceptance Criteria	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	20	60
1A	<0.05	<0.05	0.08	0.59	0.7	<0.05	<0.05	1.42	6	50
2A	<0.05	<0.05	<0.05	0.38	0.1	<0.05	<0.05	0.48	10	69
3A	<0.05	<0.05	0.07	0.44	<0.05	<0.05	<0.05	0.51		
4A	<0.05	<0.05	<0.05	0.23	<0.05	<0.05	<0.05	0.23		
5A	<0.05	<0.05	0.19	0.43	<0.05	<0.05	<0.05	0.62		
6A	<0.05	<0.05	0.15	0.39	<0.05	<0.05	<0.05	0.54		
7A	<0.05	<0.05	0.15	1	1.8	<0.05	<0.05	2.95	6	55
8A	<0.05	<0.05	0.05	0.5	0.06	<0.05	<0.05	0.61	7	42
9A	<0.05	<0.05	0.13	0.48	0.28	<0.05	<0.05	0.89		
10A	<0.05	<0.05	0.16	0.66	0.35	<0.05	<0.05	1.17		
11A	<0.05	<0.05	0.16	0.52	0.2	<0.05	<0.05	0.88		
12A	<0.05	<0.05	0.19	0.39	0.12	<0.05	<0.05	0.7		
13A	<0.05	<0.05	0.25	1.2	0.6	<0.05	<0.05	2.05		
14A	<0.05	<0.05	0.24	1.3	0.4	<0.05	<0.05	1.94		
15A	<0.05	<0.05	0.29	0.86	0.4	<0.05	<0.05	1.55		
16A	<0.05	<0.05	0.06	0.8	0.36	<0.05	<0.05	1.22		
17A	<0.05	<0.05	0.3	1.6	1	<0.05	<0.05	2.9		
18A	<0.05	<0.05	0.12	1	0.65	<0.05	<0.05	1.77		
19A	<0.05	<0.05	0.47	1.7	1	<0.05	<0.05	3.23		
20A	<0.05	<0.05	0.21	1	0.25	<0.05	<0.05	1.46		
21A	<0.05	<0.05	0.32	1.8	0.6	<0.05	<0.05	2.72		
22A	<0.05	<0.05	0.2	1.5	0.55	<0.05	<0.05	2.25		
23A	<0.05	<0.05	0.06	0.82	0.1	<0.05	<0.05	0.98		
24A	<0.05	<0.05	0.34	1.8	0.12	<0.05	<0.05	2.26		
25A	<0.05	<0.05	0.22	1	0.06	<0.05	<0.05	1.28		
26A	<0.05	<0.05	0.21	1	0.07	<0.05	<0.05	1.34		
27A	<0.05	<0.05	0.06	0.45	<0.05	<0.05	<0.05	0.51		
28A	<0.05	<0.05	0.2	0.6	<0.05	<0.05	<0.05	0.8		
29A	<0.05	<0.05	0.14	1	0.46	<0.05	<0.05	1.6		
30A	<0.05	<0.05	0.06	0.58	0.49	<0.05	<0.05	1.13		
31A	<0.05	<0.05	0.12	0.95	0.47	<0.05	<0.05	1.54		
32A	<0.05	<0.05	0.08	0.67	0.53	<0.05	<0.05	1.28		
33A	<0.05	<0.05	0.13	1	0.21	<0.05	<0.05	1.34		
34A	<0.05	<0.05	0.13	1.1	0.24	<0.05	<0.05	1.47		
35A	<0.05	<0.05	0.16	1	0.32	<0.05	<0.05	1.48		
36A	<0.05	<0.05	0.2	0.9	0.2	<0.05	<0.05	1.3		
37A	<0.05	<0.05	0.55	1.5	0.18	<0.05	<0.05	2.23		
38A	<0.05	<0.05	0.35	1.5	0.28	<0.05	<0.05	2.13		
39A	<0.05	<0.05	0.12	0.85	0.26	<0.05	<0.05	1.23		

A split of one of the four-part surface composites recovered during the initial sampling program was analysed by WSL for organochlorine pesticides.

The results of the primary and control laboratory are summarised in Table 3.2.

Table 3.2  
Quality Control Analysis for Composite 7

Analyses carried out	MGT	WSL
Aldrin	<0.05	<0.10
Lindane	<0.05	<0.10
4,4' - DDD	0.22	0.24
4,4' - DDE	1.4	1.50
4,4' - DDT	0.69	1.00
Dieldrin	<0.05	<0.10
Eldrin	<0.05	<0.10

Different detection limits were used by the two laboratories making comparison of the results slightly difficult. In general there was a good agreement between result obtained by the primary laboratory and those obtained by the Quality control laboratory.

#### *Equipment and Field Blanks*

The Mitford Engineering report reviewed by the Auditor did include details of the sampling protocols undertaken, including sampling equipment decontamination and collection of a field blank.

These procedures are designed to identify cross contamination of samples. The analytical results show that the one field blank is very low in organochlorine pesticide concentrations and it is considered that cross contamination did not occur.

#### *Conclusions*

The Auditor considers that given the history of the site, the field blank results and the presence of contamination as defined above, the quality control procedures documented in the Mitford Engineering report are adequate for the purpose of the Environmental Audit.



## **4. ASSESSMENT OF THE CONDITION OF THE SITE**

### **4.1 Soil Contamination Assessment**

#### **4.1.1 Soil Acceptance Criteria**

The "Guidelines for Environmental Auditors - Contaminated Land - Issue of Certificates of Environmental Audit, May 1992" state that until a Stage Environment Protection Policy for Soil is proclaimed the ANZECC/NHMRC "Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites", January, 1992, should be used as the basis for determining the significance of any ground contamination. The ANZECC guidelines include Environment Investigation Threshold (B) levels and Proposed Health Investigation Level Guidelines. Where contamination is identified at concentrations in excess of the thresholds, further investigation and evaluation on a site-specific basis may be warranted. A site-specific evaluation would include a consideration of future site use, human health risks and other impacts on the nominated beneficial uses. Where no Environmental Investigation Threshold is nominated, the ANZECC guidelines recommend use of the Dutch B guidelines. DASCEM has also nominated acceptance criteria for the site on this basis.

The soil contamination thresholds adopted for the purpose of this audit are shown in Table 3.1. The adopted investigation threshold for DDT is the old Dutch B criteria which, as explained below, is open to further investigation.

Note that the listed concentrations are "investigation thresholds" and have the intent of indicating the soil constituent concentration levels above which further investigation is required. They are not be regarded as absolute upper bound concentration levels which must not be exceeded.

#### **4.1.2 Soil Contamination - Overall**

As noted in Section 3.1, limited contamination, namely organochlorine pesticides and copper were identified in the site assessment.

Considerations relating to the contaminant groups are discussed below.

#### **4.1.3 Heavy Metals**

Allowing for multiplication of values to account for compositing, the concentrations of heavy metals in individual samples comprising a composite would be below the adopted investigation thresholds for all heavy metals except for arsenic (at surface and at depth) and copper (at surface). The individual samples making up these composites were all analysed separately, with all Arsenic concentrations detected well within the proposed acceptance criteria.

The highest recorded copper concentration of 69 mg/kg is just outside the proposed



acceptance criteria. This criteria is from the ANZECC/NHMRC Environmental Investigation Levels and is based on the phytotoxic effects of copper. It should be noted that at this level the effects to human health are much more minimal and the Dutch B criteria give a value of 100 mg/kg. Therefore as the copper concentration exceeds the NHMRC value by a marginal amount it is not considered particularly significant.

#### **4.1.4 Polycyclic Aromatic Hydrocarbons**

Polycyclic aromatic hydrocarbons (PAH) were not detected at the laboratory detection limits which were significantly below the adopted investigation thresholds.

#### **4.1.5 Volatile Aromatics**

Volatile aromatics, sometimes called monocyclic aromatic hydrocarbons (MAHs), benzene, ethylbenzene, toluene and xylene were not detected at detection limits which are again below the adopted investigation thresholds.

#### **4.1.6 Total Petroleum Hydrocarbons (TPHs)**

The petroleum hydrocarbons fractions C<sub>6</sub> - C<sub>9</sub>, C<sub>10</sub> - C<sub>14</sub>, C<sub>15</sub> - C<sub>28</sub> and C<sub>29</sub> and C<sub>36</sub> were not detected in composite samples collected from the site at detection limits below the adopted investigation thresholds.

#### **4.1.7 Organochlorine Pesticides (OCPs)**

Levels detected for the concentrations of OCPs in the soil samples for both individual and composited samples are often above Dutch B criteria. An assessment was carried out on the effects of OCPs at various thresholds. (Refer Appendix 2). In this it was reported that a value of 50 mg/kg had been derived as a value for a health investigation threshold based on a USEPA no observable effect level. All OCP results fall well below this level.

OCPs are bio-accumulative and are therefore more toxic to wild life in general rather than human health. The DDT phytotoxicity threshold concentration was set at 2.0 mg/kg based on other studies. Organochlorine pesticides have been noted to have the most severe widespread effect on birdlife and many higher order birds can only tolerate 1.0 mg/kg DDT in the diet. For the proposed residential use of the site it is anticipated that the bird life present on site will be limited. It is however recommended that the OCP levels remaining should not be allowed to accumulate in the food chain.

#### **4.1.8 Chlorinated Hydrocarbons**

No chlorinated hydrocarbons were detected in the composite samples taken, above the detection limits which are below adopted investigation threshold for the individual chlorinated hydrocarbon species.

#### **4.1.9 Phenolics**

The phenolics analysed for, namely phenols and cresols, were all present in the soil samples at levels below the laboratory detection limit of 0.1 mg/kg and hence, meet the adopted investigation threshold levels of 0.25 mg/kg.

#### **4.1.10 Conclusions: Soil Contamination**

The site investigations have identified minor widespread contamination in excess of the adopted investigation thresholds. Although issue of a certificate of environmental audit is denied it is considered that the condition of the land at the site is suitable for residential use and any contamination remaining on site is unlikely to adversely effect beneficial uses of the land. Note that it is understood that it is proposed to develop the site for a retirement hostel and as such it will be principally covered by buildings, driveways, access paths, turf and limited garden area.

It has been concluded that the levels of OCPs remaining on the site may possibly cause some minor effects to wild life in the vicinity of the site, although no phytotoxic effects are expected to occur. On the basis that much of the Zurcas Lane site will be covered with buildings and carparks it is anticipated that birdlife on the site will be limited as will be the contaminated areas from which they are able to feed.

### **4.2 Groundwater Assessment**

#### **4.2.1 Site Geology and Hydrogeology**

The geology and hydrogeology of the site are discussed in the reports prepared by Mitford Engineering. The groundwater report includes details from logs of 2 bores constructed on the site. Mitford Engineering have stated that groundwater was encountered at depths between 1.8m and 5.50m.

#### **4.2.2 Groundwater Assessment**

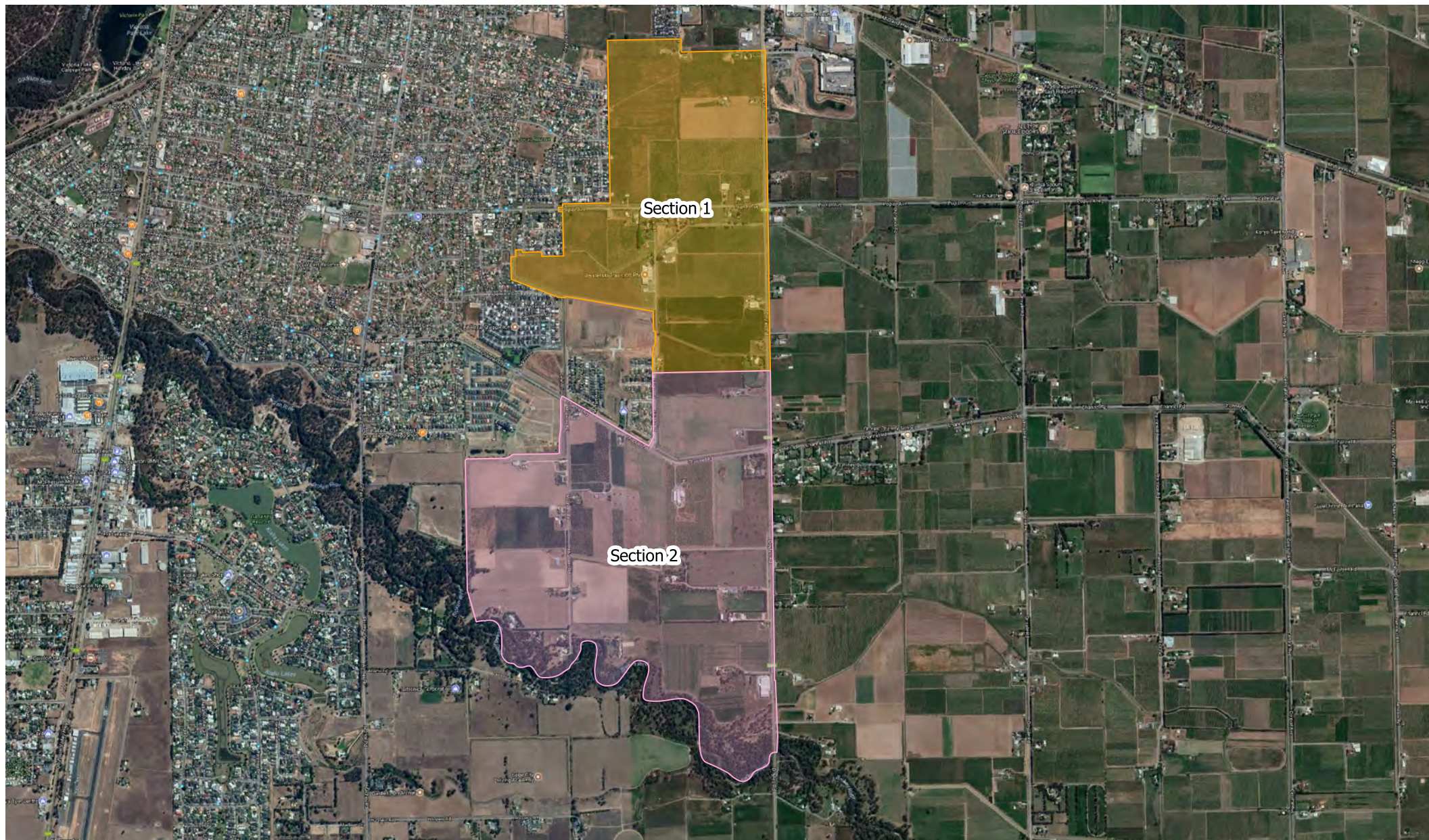
As a residential site, the area of Lot 1, Zurcas Lane will probably experience reduced infiltration of the contaminated soil by rain. As well as this, DDT (the major contaminant) has extremely low aqueous solubility. Based on the results of the soil and groundwater assessments and the proposed use of the site, it is considered unlikely that the condition of the land at the site would be adversely affecting the quality of groundwater at the site.





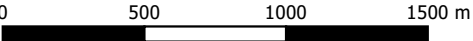
### **4.3 Condition of the Site**

Based on the above discussions regarding the condition of soil and groundwater at the site, it is considered that the condition of the land at the site is suitable for residential use. A Certificate of Environmental Audit has not been issued for the site.

## Appendix D Geology Maps



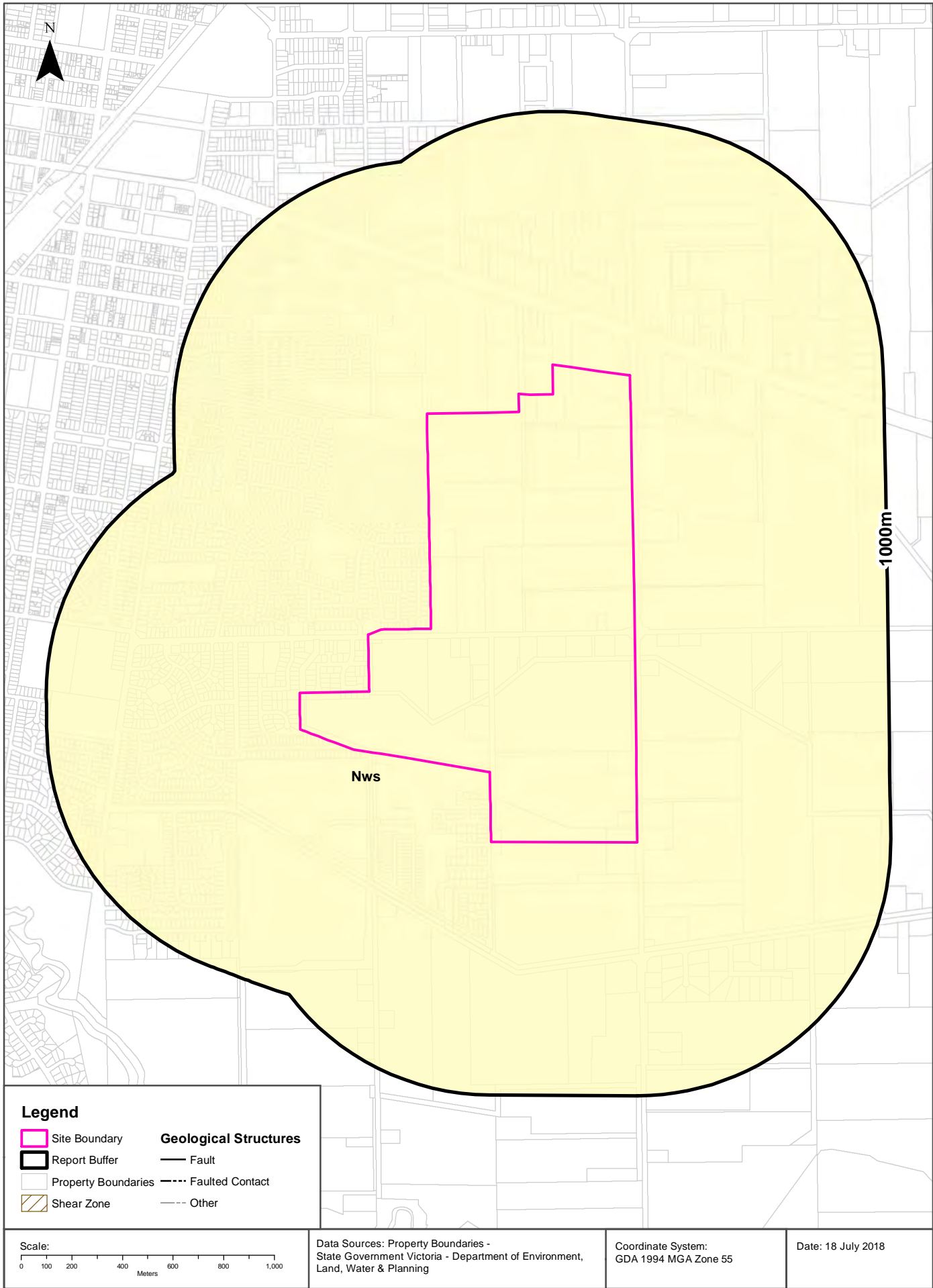


Project: Land Capability Assessment	Location: Shepparton South East Precinct Structure Plan Victoria	Client: Victorian Planning Authority	<b>Legend</b>  Section 1  Section 2	 <b>SMEC</b> Member of the Surbana Jurong Group
Plan of Sections Note: Aerial imagery sourced from Google Maps	Date: 14/08/2018  	Project Number: 30041764		



Geology 1:250,000

Shepparton South East Precinct Structure Plan (Section 1)



# Geology

## Shepparton South East Precinct Structure Plan (Section 1)

### Geological Units

What are the Geological Units onsite?

Symbol	Name	Description	Geological Age	Lithology	Dataset
Nws	Shepparton Formation (Nws): generic	Clay, sand, silt, poorly-sorted lenticular gravel. Dissected flood plain alluvium: terraces 1-10 metres above present river channels; well developed soil 2-3 m thick.	Pliocene to Holocene	clay lithology (dominant); sand (significant); silt material (significant); gravel material (significant)	1:250,000

What are the Geological Units within the dataset buffer?

Symbol	Name	Description	Geological Age	Lithology	Dataset
Nws	Shepparton Formation (Nws): generic	Clay, sand, silt, poorly-sorted lenticular gravel. Dissected flood plain alluvium: terraces 1-10 metres above present river channels; well developed soil 2-3 m thick.	Pliocene to Holocene	clay lithology (dominant); sand (significant); silt material (significant); gravel material (significant)	1:250,000

Geology Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources  
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# Geology

## Shepparton South East Precinct Structure Plan (Section 1)

### 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 dataset buffer?

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

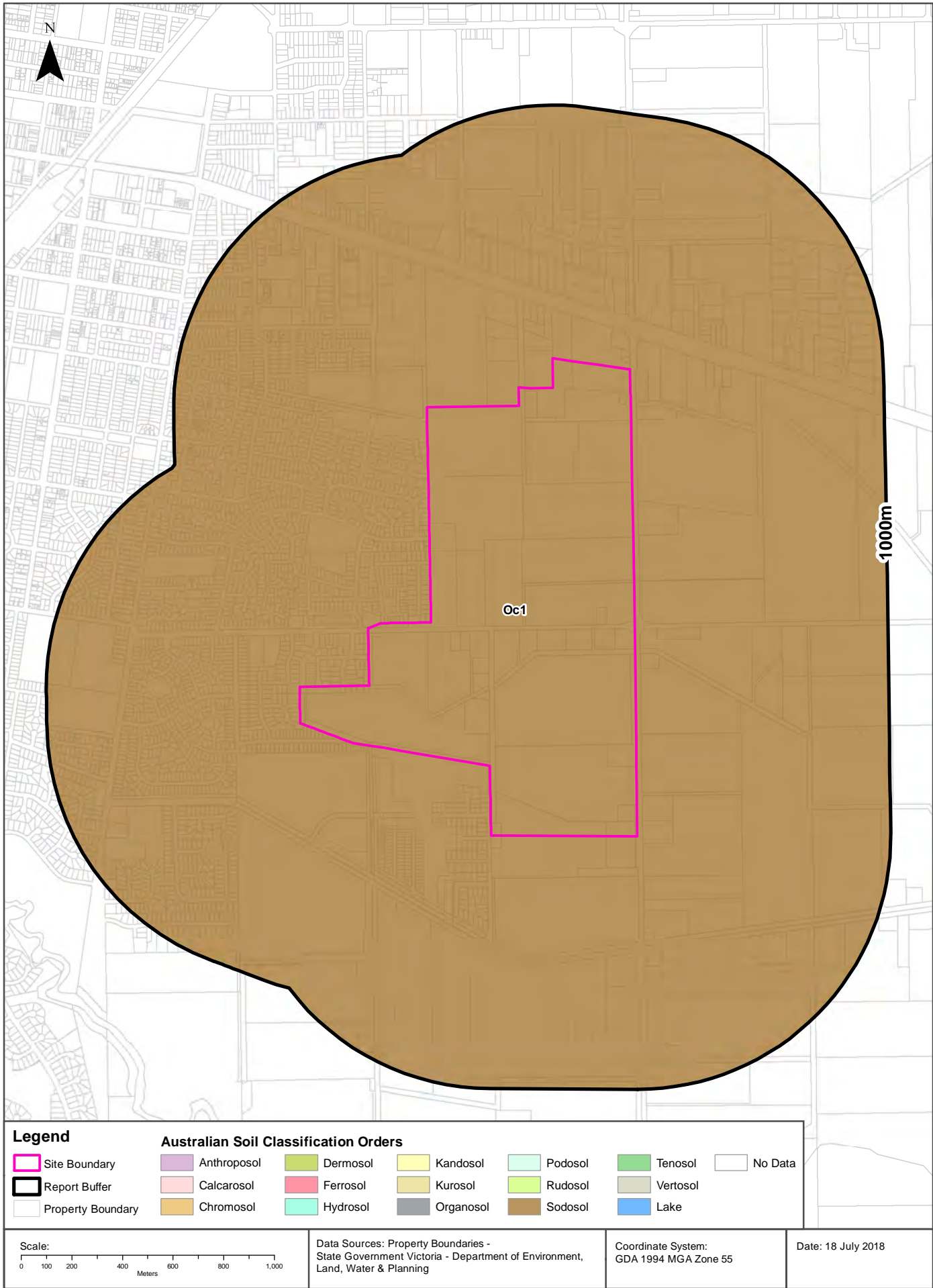
What are the Dykes, Marker Beds and Veins within the dataset buffer?

Map Id	Type	Name	Description	Positional Accuracy	Dataset
No Data Coverage					

What are the Shear Zones within the dataset 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  
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## Soil Landscapes

### Shepparton South East Precinct Structure Plan (Section 1)

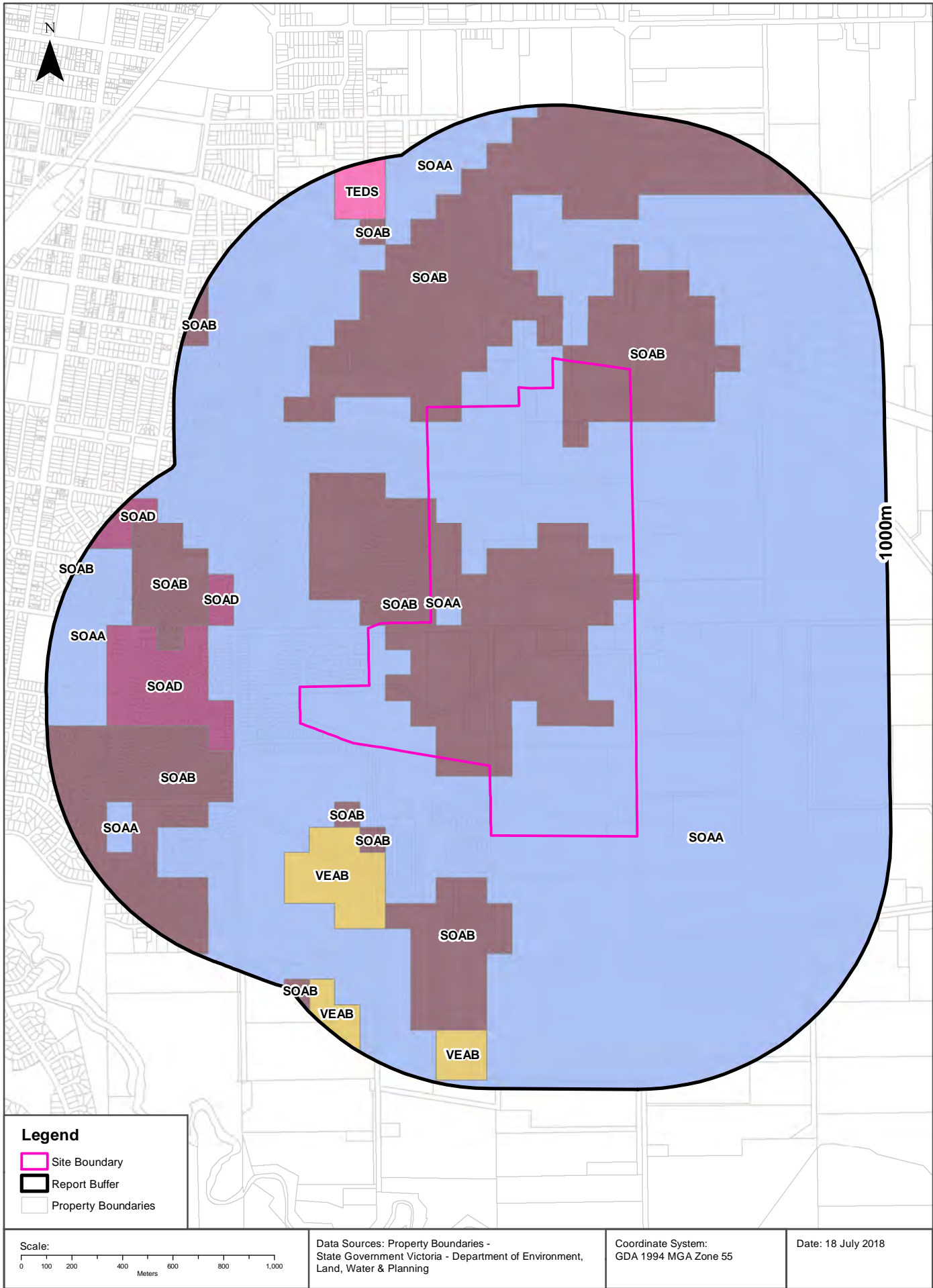
## Atlas of Australian Soils

Australian soil types within the dataset buffer:

Symbol	Soil Order	Map Unit Description	Distance
Oc1	Sodosol	The following replaces the brief description given for unit P1 on Sheet 1; Oc1 being the new symbol replacing P1. Plains with low sandhills, prior streams, depressions, swamps, and stream valleys. Layered soil materials bow the sola of present day soils are important factors in soil variability owing to their influence on drainage characteristics. The detailed soil pattern is complex: ( 1 ) the relatively higher, better-drained portions of the plains have hard alkaline red soils (Dr2.23 and Dr2.33) and smaller areas of other soils including (Dr2.12) and (Dr3.23); (2) the relatively inter- mediate portions of the plain have (Dr2.33) in association with hard alkaline brown soils (Db1.43) and gilgai puffs of cracking clays (Ug5.2(3)) in some places, small areas of other soils include (Dr2.43) and (Dr3.43); (3) the relatively lower portions of the plains, depressions, and swampy areas have hard alkaline yellow mottled soils (Dy3.43 and Dy3.33) in association with cracking clays (Ug5.2), often in gilgai formation; (4) low sandhills have deep sandy neutral red mottled soils (Dr5.62) and (Uc) soils; (5) prior streams have very variable "well-drained soils" in the stream bed, and (Dr2.23, Dr2.33, and Dr2.43) on their levees which merge with the higher portions of the plain; (6) stream valleys have floodplains of (Dy3.4) and (Gn) soils.	0m

Atlas of Australian Soils: CSIRO

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## Soil Landscapes

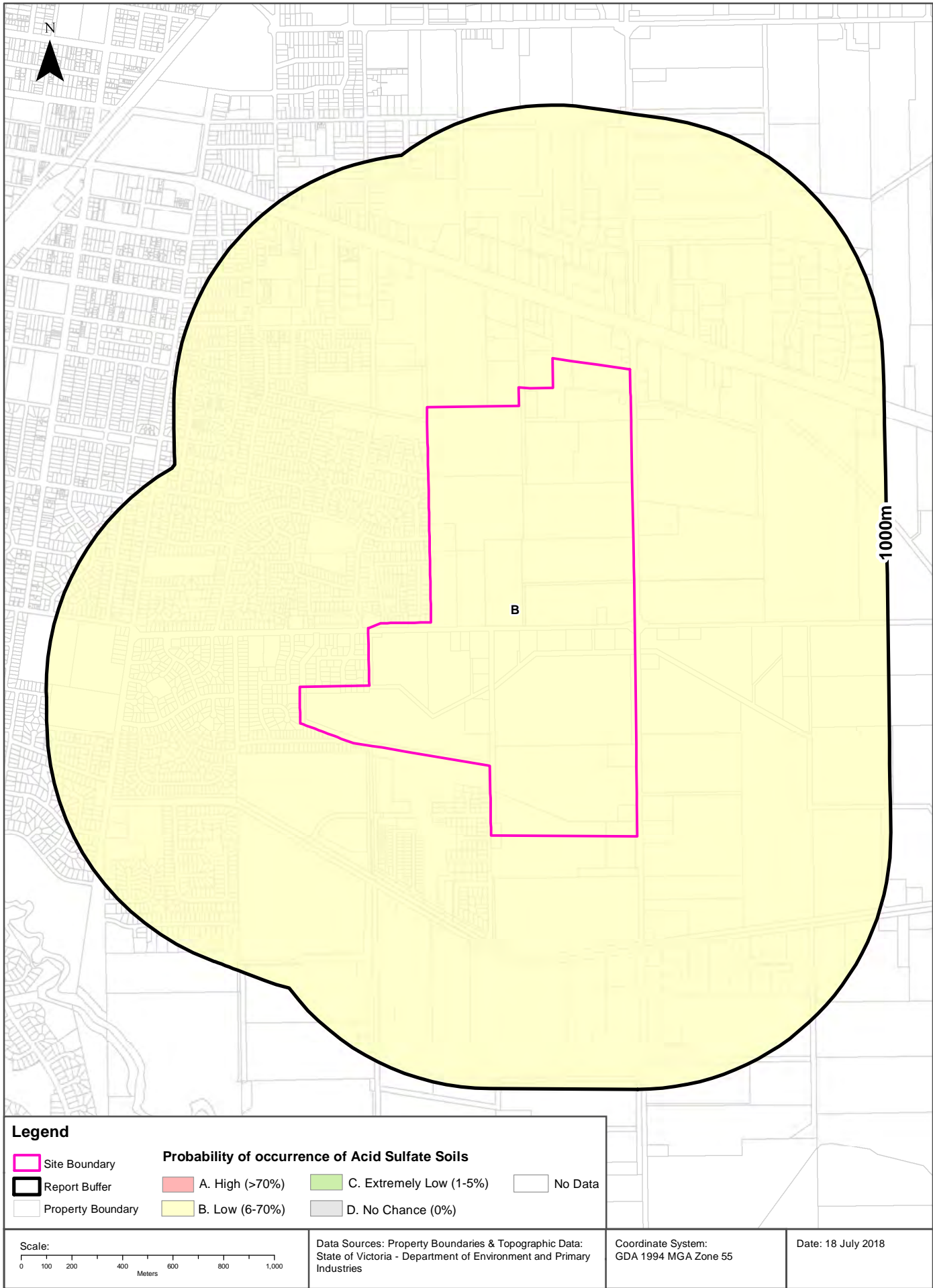
### Shepparton South East Precinct Structure Plan (Section 1)

## Victorian Soil Type Mapping

Victorian Soil Types within the dataset buffer:

Symbol	Description	Distance
SOAA	Red Sodosols	0m
SOAB	Brown Sodosols	0m
SOAD	Grey Sodosols	261m
VEAB	Brown Vertosols	324m
TEDS	Tenosols	758m

Victorian Soil Type Mapping Data Source: Department of Economic Development, Jobs, Transport and Resources  
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## Acid Sulfate Soils

### Shepparton South East Precinct Structure Plan (Section 1)

## Atlas of Australian Acid Sulfate Soils

Atlas of Australian Acid Sulfate Soil categories within the dataset buffer:

PROBCLASS	Description	Distance
B	Low Probability of occurrence. 6-70% chance of occurrence.	0m

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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## Coastal Acid Sulfate Soils

### Shepparton South East Precinct Structure Plan (Section 1)

## Coastal Acid Sulfate Soils

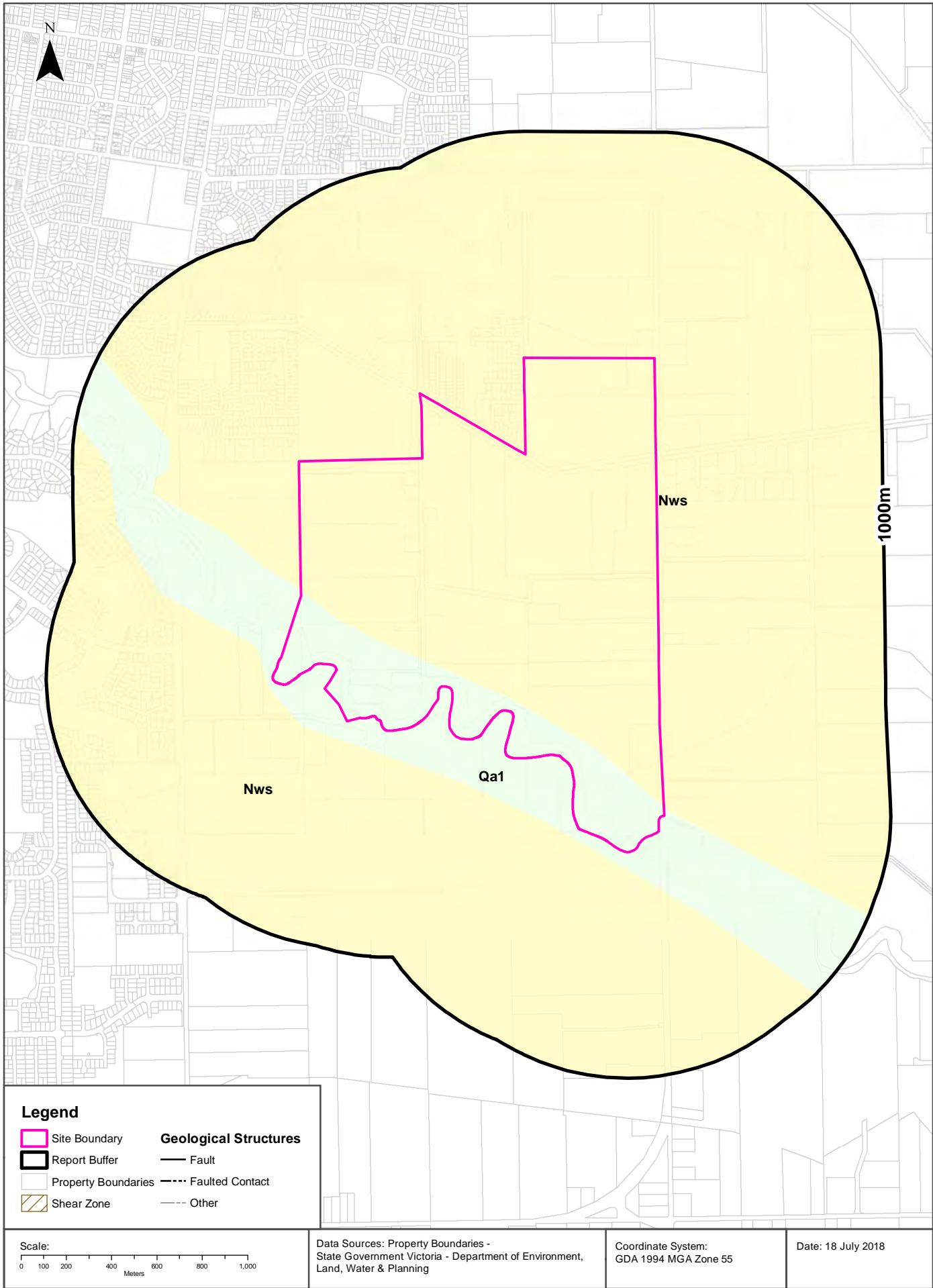
What are the on-site Coastal Acid Sulfate Soil types?

Coastal Acid Sulfate Soil Types
There are no Acid Sulfate areas onsite

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

Coastal Acid Sulfate Soil Types	Distance	Direction
There are no Acid Sulfate areas within the report buffer		

Coastal Acid Sulfate Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
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# Geology

## Shepparton South East Precinct Structure Plan (Section 2)

### Geological Units

What are the Geological Units onsite?

Symbol	Name	Description	Geological Age	Lithology	Dataset
Nws	Shepparton Formation (Nws): generic	Clay, sand, silt, poorly-sorted lenticular gravel. Dissected flood plain alluvium: terraces 1-10 metres above present river channels; well developed soil 2-3 m thick.	Pliocene to Holocene	clay lithology (dominant); sand (significant); silt material (significant); gravel material (significant)	1:250,000
Qa1	alluvium( Qa1): generic	Gravel, sand, silt: variably sorted and rounded; generally unconsolidated; includes deposits of low terraces; alluvial floodplain deposits	Pleistocene to Holocene	gravel material (significant); sand (significant); silt material (significant)	1:250,000

What are the Geological Units within the dataset buffer?

Symbol	Name	Description	Geological Age	Lithology	Dataset
Nws	Shepparton Formation (Nws): generic	Clay, sand, silt, poorly-sorted lenticular gravel. Dissected flood plain alluvium: terraces 1-10 metres above present river channels; well developed soil 2-3 m thick.	Pliocene to Holocene	clay lithology (dominant); sand (significant); silt material (significant); gravel material (significant)	1:250,000
Qa1	alluvium( Qa1): generic	Gravel, sand, silt: variably sorted and rounded; generally unconsolidated; includes deposits of low terraces; alluvial floodplain deposits	Pleistocene to Holocene	gravel material (significant); sand (significant); silt material (significant)	1:250,000

Geology Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources  
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# Geology

## Shepparton South East Precinct Structure Plan (Section 2)

### 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 dataset buffer?

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

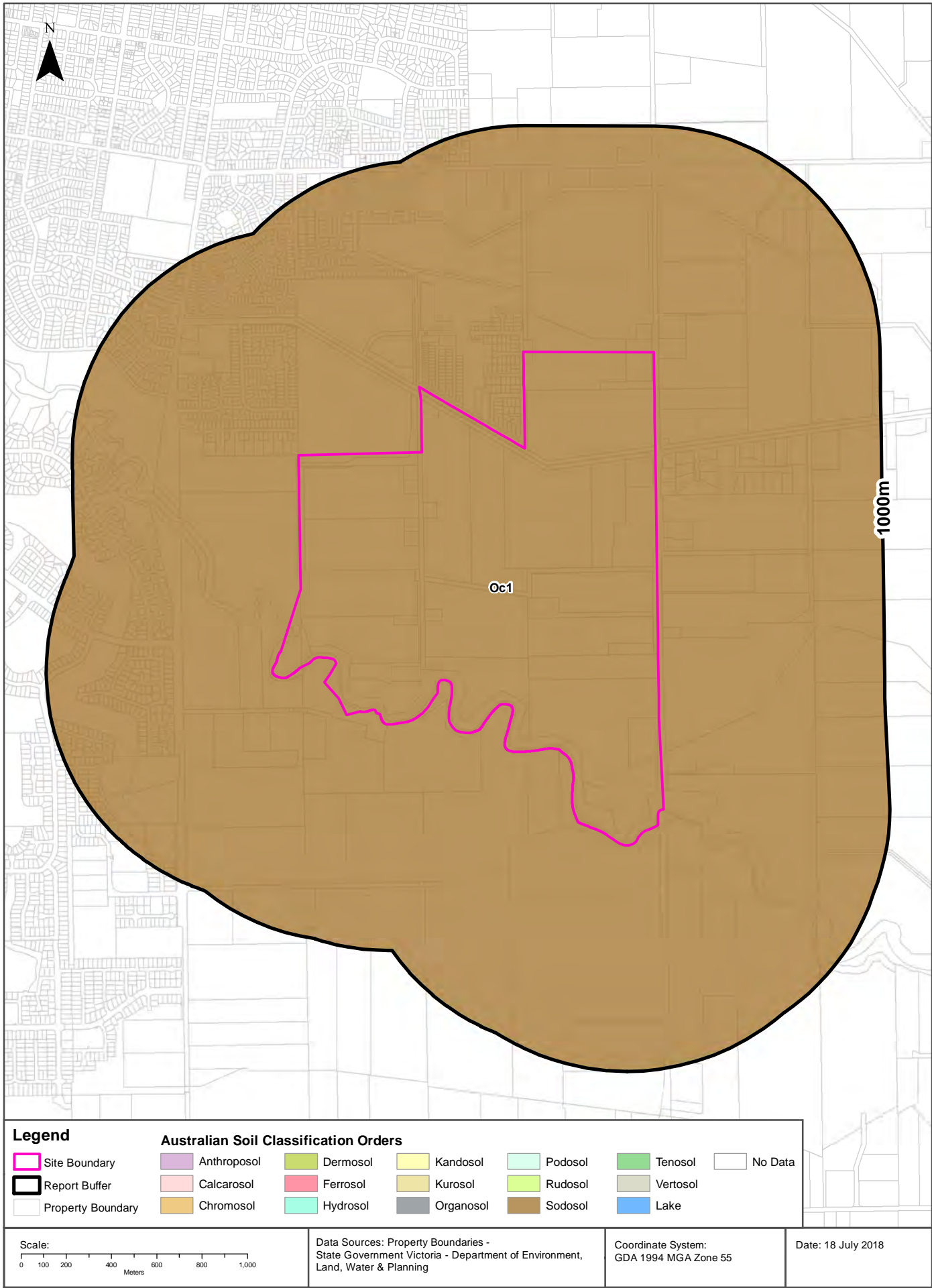
What are the Dykes, Marker Beds and Veins within the dataset buffer?

Map Id	Type	Name	Description	Positional Accuracy	Dataset
No Data Coverage					

What are the Shear Zones within the dataset 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  
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## Soil Landscapes

### Shepparton South East Precinct Structure Plan (Section 2)

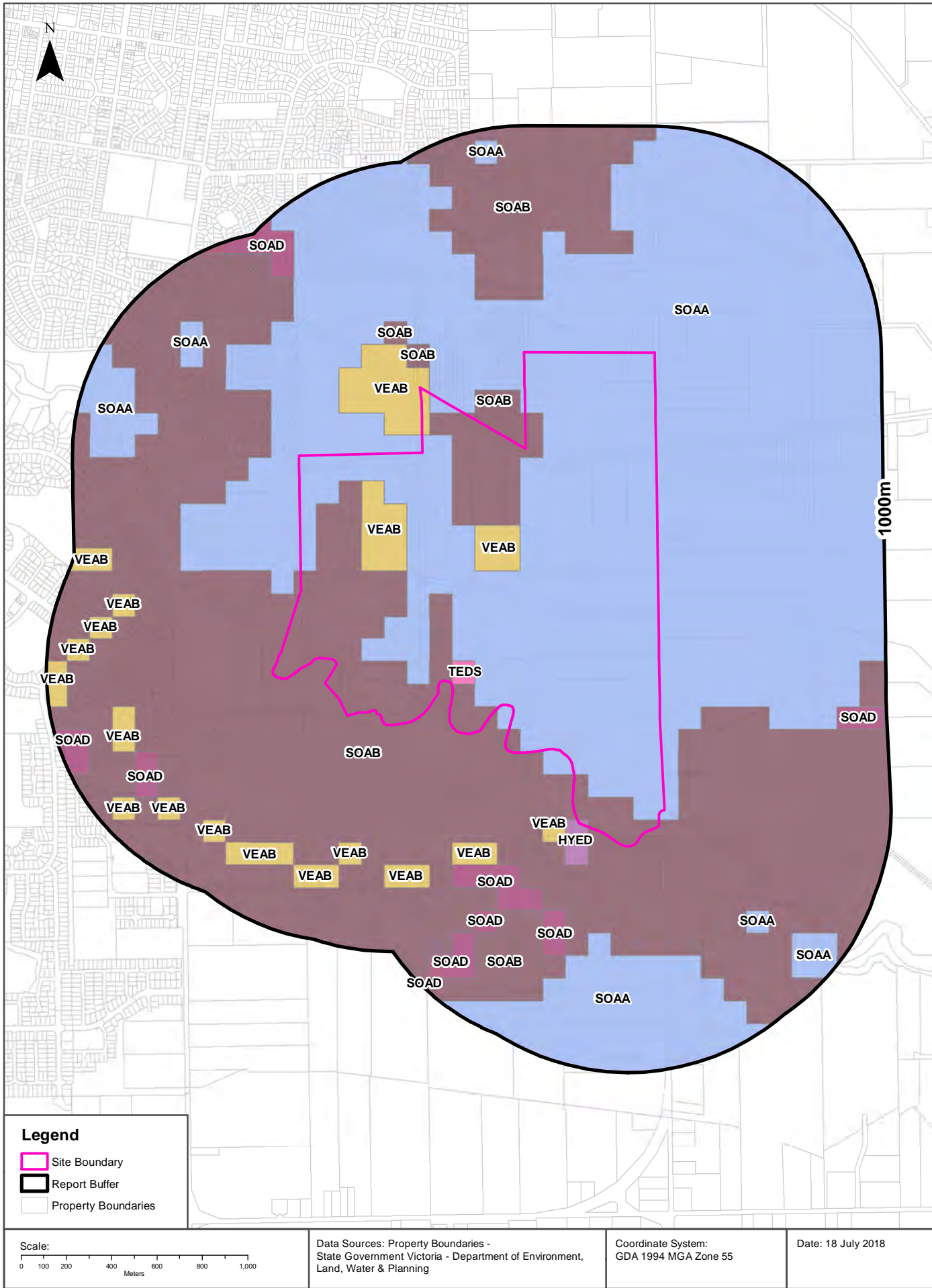
## Atlas of Australian Soils

Australian soil types within the dataset buffer:

Symbol	Soil Order	Map Unit Description	Distance
Oc1	Sodosol	The following replaces the brief description given for unit P1 on Sheet 1; Oc1 being the new symbol replacing P1. Plains with low sandhills, prior streams, depressions, swamps, and stream valleys. Layered soil materials bow the sola of present day soils are important factors in soil variability owing to their influence on drainage characteristics. The detailed soil pattern is complex: ( 1 ) the relatively higher, better-drained portions of the plains have hard alkaline red soils (Dr2.23 and Dr2.33) and smaller areas of other soils including (Dr2.12) and (Dr3.23); (2) the relatively inter- mediate portions of the plain have (Dr2.33) in association with hard alkaline brown soils (Db1.43) and gilgai puffs of cracking clays (Ug5.2(3)) in some places, small areas of other soils include (Dr2.43) and (Dr3.43); (3) the relatively lower portions of the plains, depressions, and swampy areas have hard alkaline yellow mottled soils (Dy3.43 and Dy3.33) in association with cracking clays (Ug5.2), often in gilgai formation; (4) low sandhills have deep sandy neutral red mottled soils (Dr5.62) and (Uc) soils; (5) prior streams have very variable "well-drained soils" in the stream bed, and (Dr2.23, Dr2.33, and Dr2.43) on their levees which merge with the higher portions of the plain; (6) stream valleys have floodplains of (Dy3.4) and (Gn) soils.	0m

Atlas of Australian Soils: CSIRO

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## Soil Landscapes

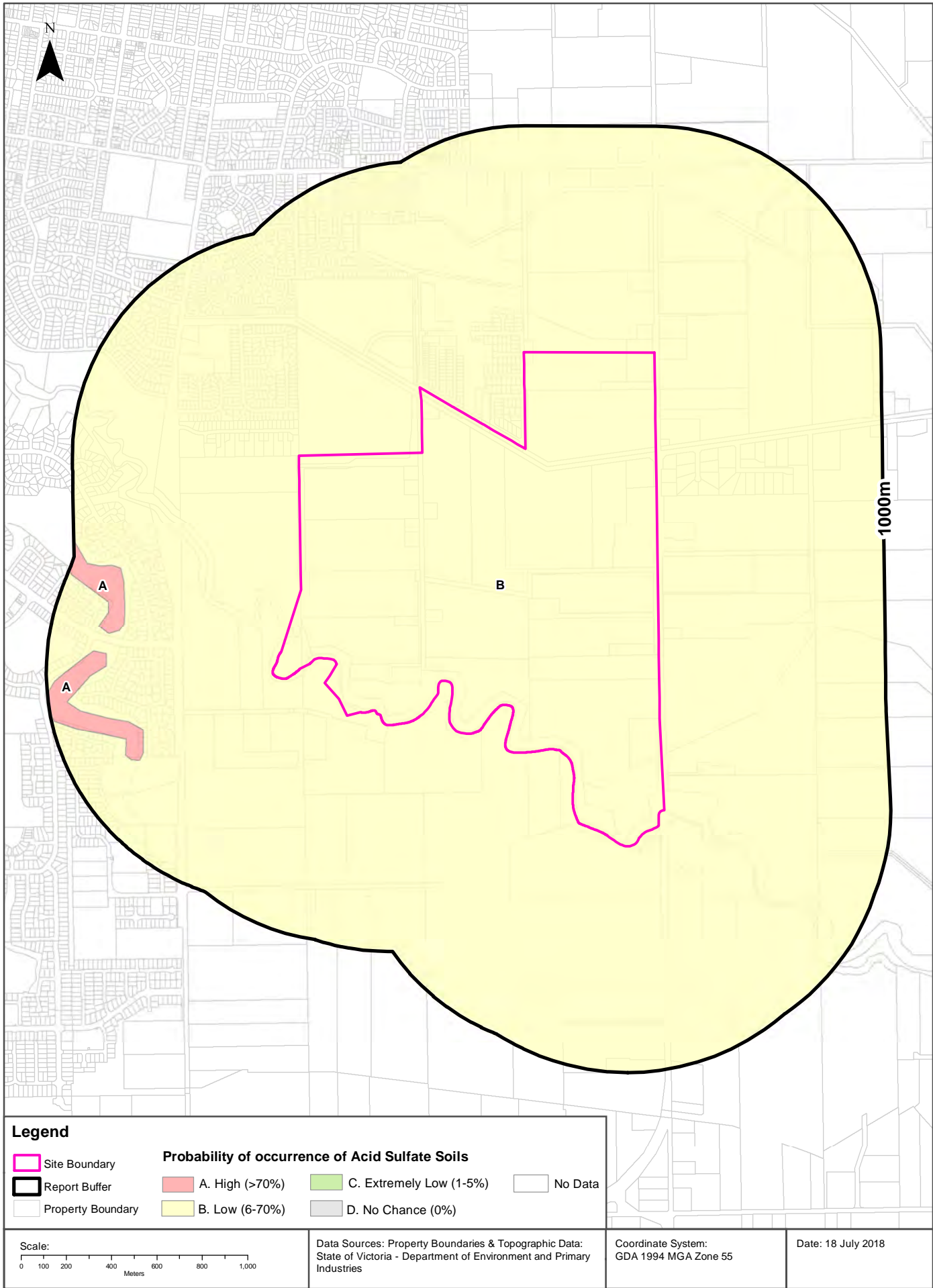
### Shepparton South East Precinct Structure Plan (Section 2)

## Victorian Soil Type Mapping

Victorian Soil Types within the dataset buffer:

Symbol	Description	Distance
HYED	Redoxic Hydrosols	0m
SOAA	Red Sodosols	0m
SOAB	Brown Sodosols	0m
TEDS	Tenosols	0m
VEAB	Brown Vertosols	0m
SOAD	Grey Sodosols	320m

Victorian Soil Type Mapping Data Source: Department of Economic Development, Jobs, Transport and Resources  
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## Acid Sulfate Soils

### Shepparton South East Precinct Structure Plan (Section 2)

## Atlas of Australian Acid Sulfate Soils

Atlas of Australian Acid Sulfate Soil categories within the dataset buffer:

PROBCLASS	Description	Distance
B	Low Probability of occurrence. 6-70% chance of occurrence.	0m
A	High Probability of occurrence. >70% chance of occurrence.	625m

Atlas of Australian Acid Sulfate Soils Data Source: CSIRO

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## Coastal Acid Sulfate Soils

### Shepparton South East Precinct Structure Plan (Section 2)

## Coastal Acid Sulfate Soils

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

Coastal Acid Sulfate Soil Types
There are no Acid Sulfate areas onsite

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

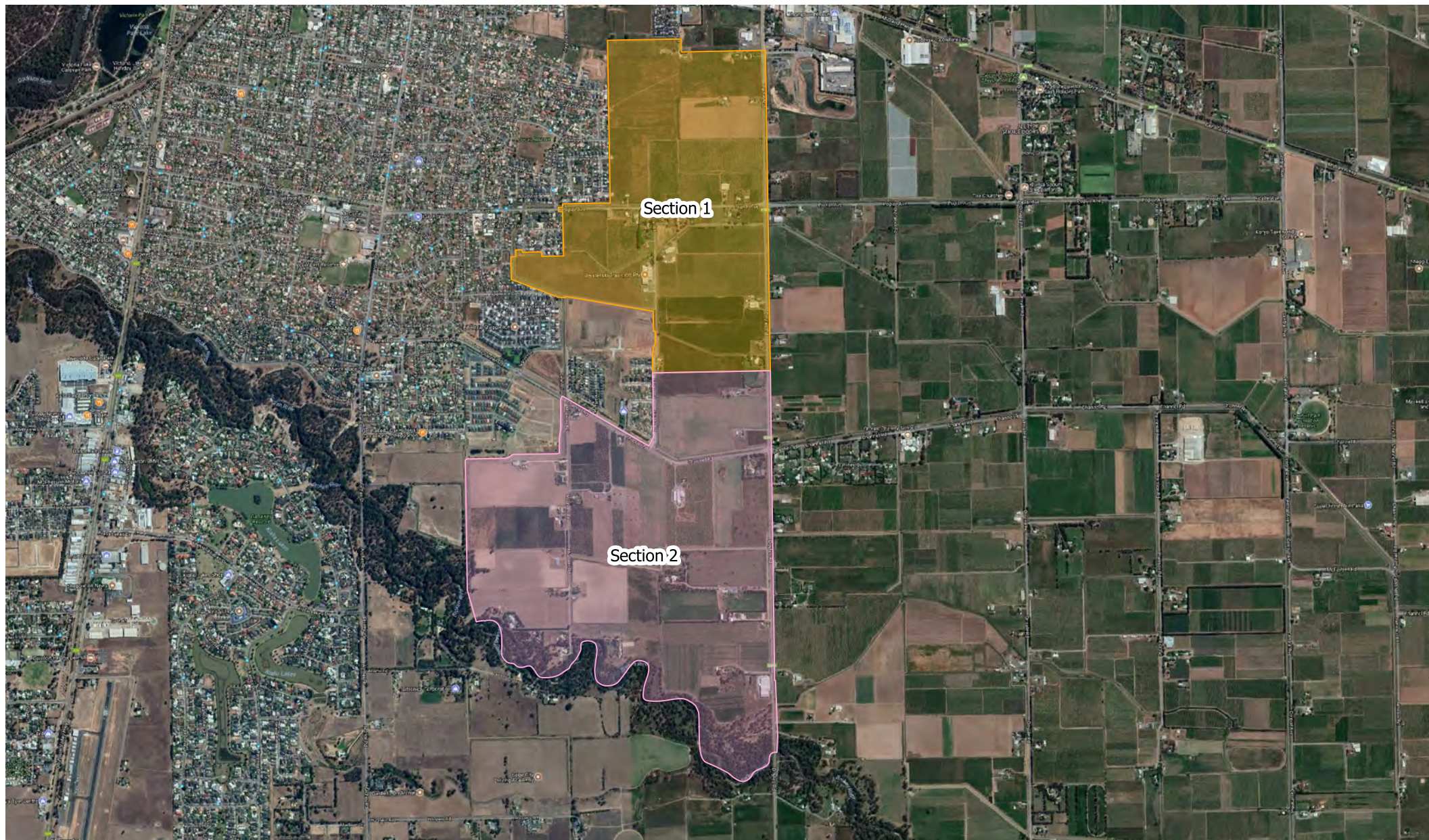
Coastal Acid Sulfate Soil Types	Distance	Direction
There are no Acid Sulfate areas within the report buffer		





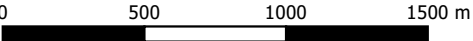
Coastal Acid Sulfate Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
Creative Commons 3.0 © Commonwealth of Australia <http://creativecommons.org/licenses/by/3.0/au/deed.en>



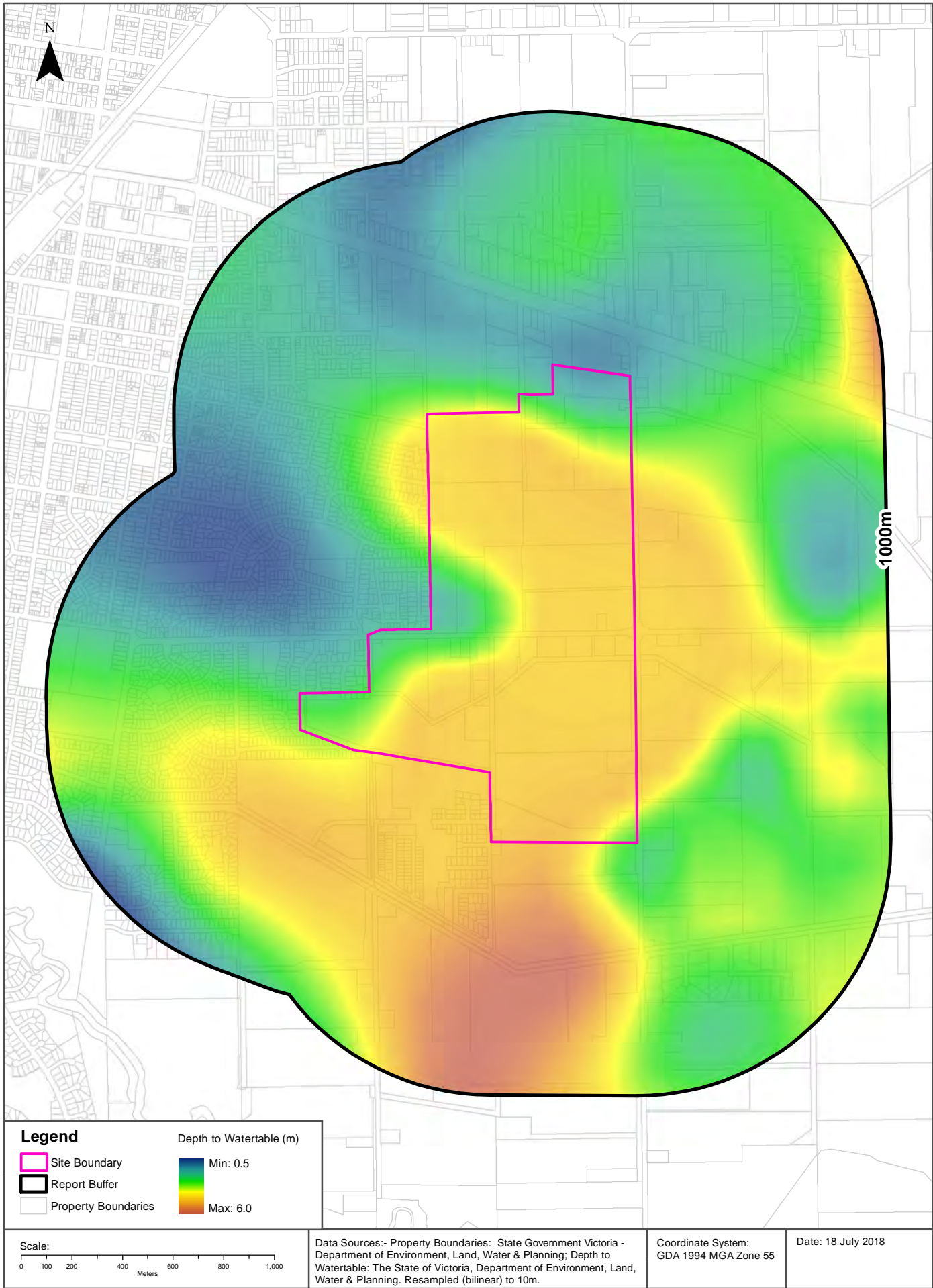
## Appendix E Hydrogeology Maps





Project: Land Capability Assessment	Location: Shepparton South East Precinct Structure Plan Victoria	Client: Victorian Planning Authority	<b>Legend</b>  Section 1  Section 2	 <b>SMEC</b> Member of the Surbana Jurong Group
Plan of Sections Note: Aerial imagery sourced from Google Maps	Date: 14/08/2018  	Project Number: 30041764		





# Hydrogeology & Groundwater

## Shepparton South East Precinct Structure Plan (Section 1)

### Hydrogeology

Description of aquifers within the dataset buffer:

Description	Distance	Direction
Porous, extensive aquifers of low to moderate productivity	0m	Onsite

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

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### Groundwater Salinity

On-site Groundwater Salinity:

Groundwater Salinity	Percent Of Site Area
1,000 - 3,500 mg/l	42
7,000 - 13,000 mg/l	31
3,500 - 7,000 mg/l	27

### 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
116 AHDm to 117 AHDm

### Basement Elevation

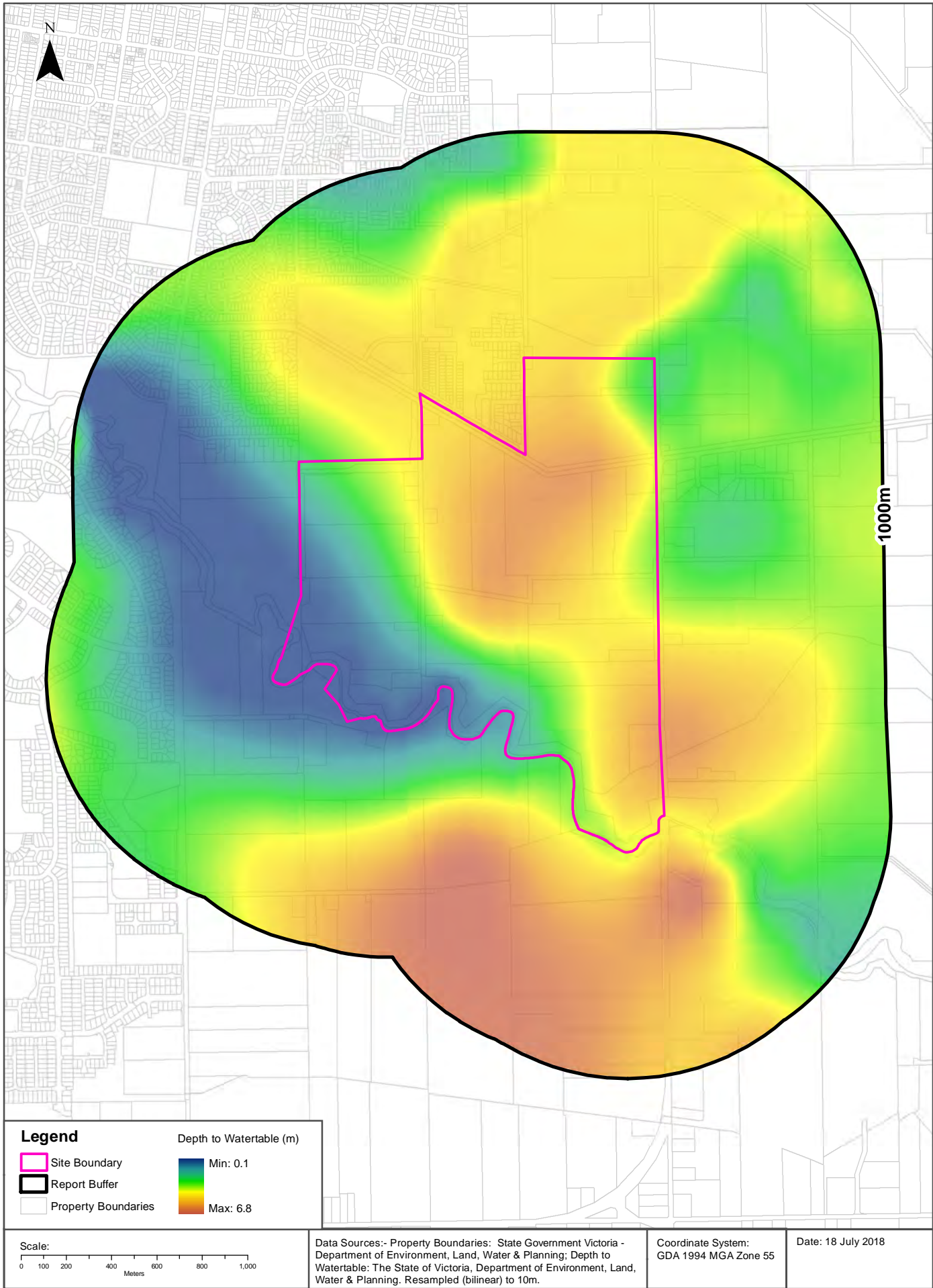
Approximate on-site Basement Elevation:

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
52 AHDm to 56 AHDm

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

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# Hydrogeology & Groundwater

## Shepparton South East Precinct Structure Plan (Section 2)

### Hydrogeology

Description of aquifers within the dataset buffer:

Description	Distance	Direction
Porous, extensive aquifers of low to moderate productivity	0m	Onsite

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

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### Groundwater Salinity

On-site Groundwater Salinity:

Groundwater Salinity	Percent Of Site Area
1,000 - 3,500 mg/l	57
3,500 - 7,000 mg/l	16
Less than 500 mg/l	15
500 - 1,000 mg/l	11

### Depth to Watertable

On-site Depth to Watertable:

Depth to Watertable	Percent Of Site Area
Less than 5 metres	72
5 to 10 metres	28

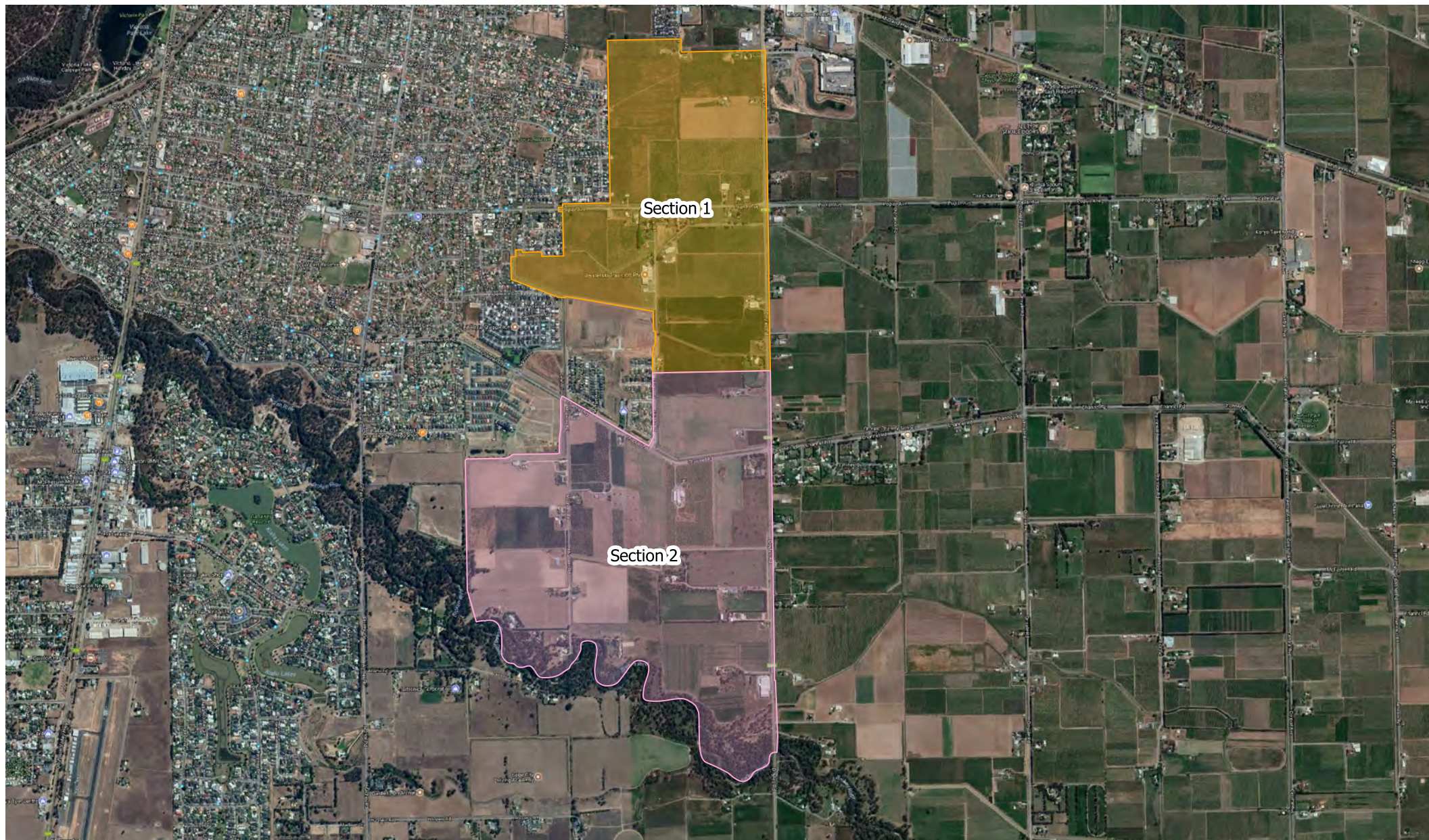
### Surface Elevation





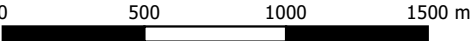
Approximate on-site Surface Elevation:

Surface Elevation
111 AHDm to 118 AHDm

## Appendix F Groundwater Bore Maps



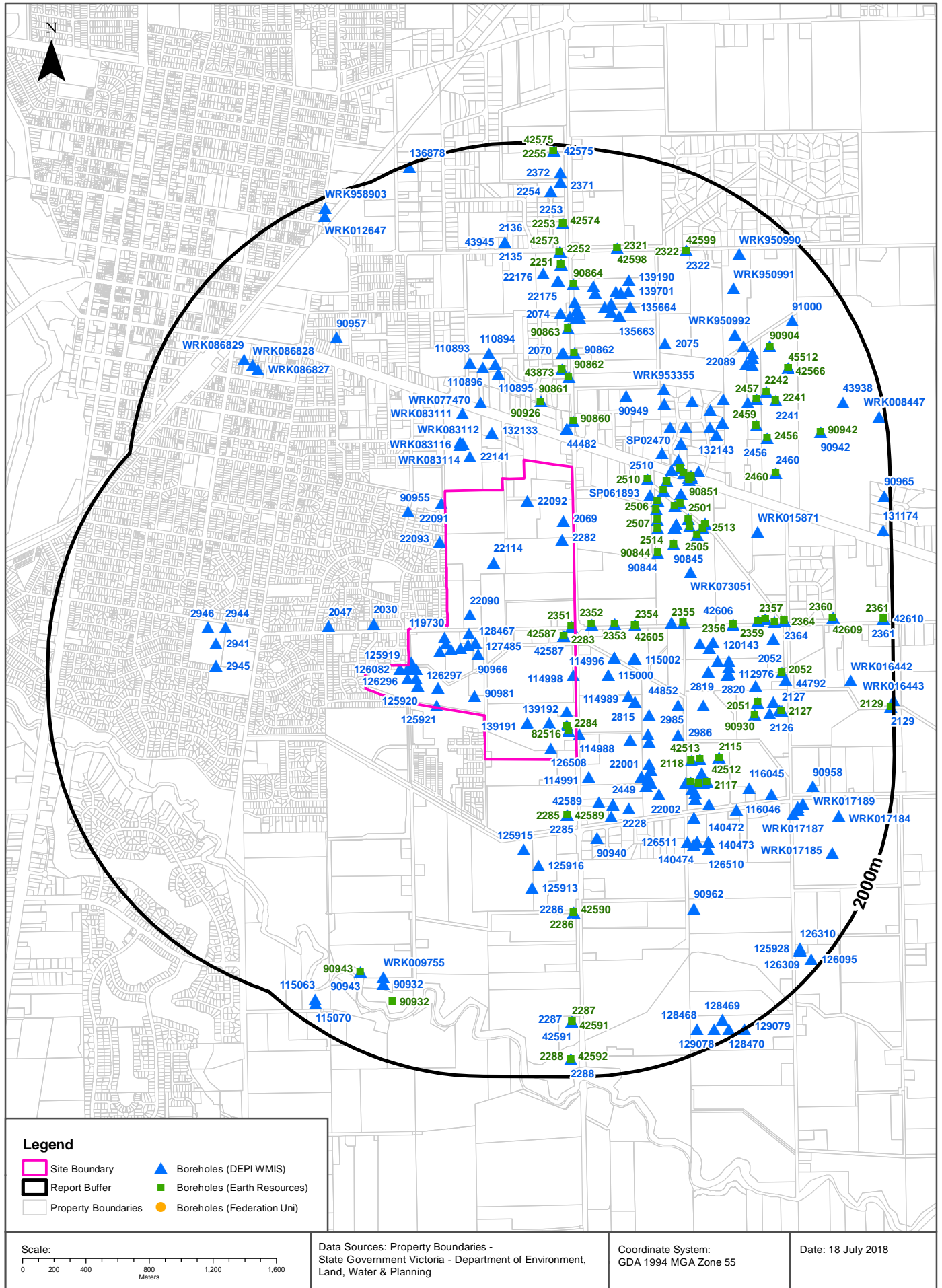


Project: Land Capability Assessment	Location: Shepparton South East Precinct Structure Plan Victoria	Client: Victorian Planning Authority	Legend  Section 1  Section 2	 Member of the Surbana Jurong Group
Plan of Sections Note: Aerial imagery sourced from Google Maps	Date: 14/08/2018  	Project Number: 30041764		



# Groundwater Boreholes

## Shepparton South East Precinct Structure Plan (Section 1)



# Groundwater Boreholes

## Shepparton South East Precinct Structure Plan (Section 1)

### Boreholes (DEPI WMIS)

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

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
90966	Domestic	0.00m-1.30m REDDISH BROWN SILTY CLAY 1.30m-2.00m BROWN FINE SAND 2.00m-2.50m BROWN FINE SAND 2.50m-3.00m FINE TO MEDIUM BROWN SAND 3.00m-4.40m MED BROWN SAND BEC SL COARSER 4.40m-4.60m RED BROWN SAND & CLAY 4.60m-4.70m FIRM R-BR CLAY	0.00m-2.50m INNER LINING - CASING = Pvc 2.50m-4.50m INNER LINING - SCREEN = Pvc 4.50m-4.70m INNER LINING - CASING = Pvc 1.30m-4.00m OUTER LINING - GRAVEL = Gravel		2.50m-4.50m Sand	1985-07-28	0	Onsite
127485	Domestic	0.00m-2.00m RED SILTY CLAY 2.00m-4.60m SAND	0.00m-2.60m INNER LINING - CASING = Pvc 2.60m-4.60m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel			1995-11-16	0	Onsite
90982	Domestic	0.00m-2.50m BROWN SILTY SANDY CLAY 2.50m-5.00m BROWN MEDIUM COARSE SAND 5.00m-5.50m BROWN MEDIUM COARSE SANDY CLAY	0.00m-4.00m INNER LINING - CASING = Pvc 4.00m-5.50m INNER LINING - SCREEN = Pvc 3.00m-5.50m OUTER LINING - GRAVEL = Not Known		4.00m-5.50m Sand	1990-01-19	0	Onsite
90981	Domestic	0.00m-2.50m RED BROWN SILTY CLAY 2.50m-5.50m BROWN MEDIUM FINE SAND	0.00m-4.00m INNER LINING - CASING = Pvc 4.00m-5.50m INNER LINING - SCREEN = Pvc 3.00m-5.50m OUTER LINING - GRAVEL = Not Known		4.00m-5.50m Sand	1989-12-30	0	Onsite
126609	Dewatering, Irrigation	0.00m-0.50m RED TOP SOIL 0.50m-3.50m BROWN SANDY CLAY 3.50m-5.50m COARSE SAND 5.50m-6.00m SILTY CLAY	-0.20m-3.50m INNER LINING - CASING = Pvc 3.50m-6.00m INNER LINING - SCREEN = Pvc 3.00m-6.00m OUTER LINING - GRAVEL = Gravel			1995-11-30	0	Onsite
129896	Dewatering, Irrigation	0.00m-1.00m RED CLAY 1.00m-1.50m BROWN CLAY 1.50m-4.60m SAND	0.00m-1.50m INNER LINING - CASING = Pvc 1.50m-4.60m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel		1.50m-4.60m Sand	1995-06-14	0	Onsite
126610	Dewatering, Irrigation	0.00m-0.50m RED TOP SOIL 0.50m-3.50m BROWN SANDY CLAY 3.50m-5.00m COARSE SAND 5.00m-5.50m SILTY CLAY	-0.20m-3.00m INNER LINING - CASING = Pvc 3.00m-5.50m INNER LINING - SCREEN = Pvc 2.00m-5.50m OUTER LINING - GRAVEL = Gravel			1995-11-30	0	Onsite
126296	Groundwater Investigation	0.00m-0.50m REDY BROWN TOP SOIL 0.50m-6.00m BROWN SILTY CLAY	-0.24m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-12-04 1400 Quality: 47 WLMP: 1.32m DBNS: RWL:		1995-11-16	0	Onsite
125918	Groundwater Investigation	0.00m-0.50m RED TOP SOIL 0.50m-3.50m BROWN SANDY CLAY 3.50m-5.50m COARSE SAND 5.50m-15.00m BROWN SILTY CLAY	-0.20m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 5.91m DBNS: RWL:		1995-09-15	0	Onsite

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
126508	Groundwater Investigation	0.00m-3.50m BROWN CLAY 3.50m-7.00m BROWN SILTY CLAY 7.00m-10.00m BROWN CLAY AND GRAVEL 10.00m-15.00m BROWN CLAY	-0.30m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 6.54m DBNS: RWL:		2000-05-02	0	Onsite
139191	Groundwater Investigation	0.00m-3.50m BROWN CLAY 3.50m-8.00m BROWN SILTY CLAY 8.00m-11.00m BROWN CLAY 11.00m-13.50m BROWN CLAY AND GRAVEL 13.50m-18.00m BROWN SILTY CLAY 18.00m-20.00m BROWN GREY SILTY CLAY	-0.20m-17.00m INNER LINING - CASING = Pvc 17.00m-20.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 6.74m DBNS: RWL:		2000-04-28	0	Onsite
82516	Groundwater Investigation					1950-01-01	0	Onsite
119732	Groundwater Investigation	0.00m-0.50m RED BROWN CLAY MOIST 0.50m-2.00m BROWN SILTY CLAY WET 2.00m-4.00m GREY BROWN CLAYEY SAND WET	-0.28m-2.00m INNER LINING - CASING = Pvc 2.00m-4.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-07-24 1400 Quality: 47 WLMP: 0.38m DBNS: RWL:		1995-07-19	0	Onsite
116504	Groundwater Investigation	0.00m-0.50m RED BROWN CLAY MOIST 0.50m-4.00m BROWN & GREY CLAY WET	-0.30m-2.00m INNER LINING - CASING = Pvc 2.00m-4.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-07-24 1400 Quality: 47 WLMP: 0.50m DBNS: RWL:		1995-07-19	0	Onsite
126081	Groundwater Investigation	0.00m-0.50m RED TOP SOIL 0.50m-3.50m BROWN SANDY CLAY 3.50m-5.50m COARSE SAND	-0.21m-2.50m INNER LINING - CASING = Pvc 2.50m-5.50m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 0.89m DBNS: RWL:		1995-09-15	0	Onsite
2282	Groundwater Investigation	0.00m-1.50m BR ZC DRY 1.50m-2.00m BR SZC MOIST 2.00m-3.00m BR ZC MOIST 3.00m-5.00m BLK BR ZC MOIST 5.00m-6.00m BR ZC MOIST 6.00m-7.00m GRY BR ZC MOIST 7.00m-8.50m BR ZC MOIST 8.50m-9.00m GRY BR ZC MOIST 9.00m-9.50m GRY BR ZC WET 9.50m-11.00m GRY BR ZC MOIST 11.00m-12.50m BR GRY ZC MOIST 12.50m-13.00m BR GRY SZC MOIST 13.00m-14.00m GRY SZC WET 14.00m-15.00m GR BRY ZC MOIST 15.00m-16.00m GRY BR ZC MOIST 16.00m-17.00m GRY RD ZC MOIST 17.00m-18.50m GRY BR ZC WET 18.50m-20.00m GRY BR SZC WET				1976-09-08	0	Onsite
126295	Groundwater Investigation	0.00m-0.50m RED & BROWN SANDY TOP SOIL 0.50m-2.50m BROWN SANDY CLAY 2.50m-3.50m FINE SAND 3.50m-5.00m COARSE SAND 5.00m-5.50m SILTY CLAY	-0.20m-2.50m INNER LINING - CASING = Pvc 2.50m-5.50m INNER LINING - SCREEN = Pvc	Date/time: 1995-12-04 1400 Quality: 47 WLMP: 1.30m DBNS: RWL:		1995-11-16	0	Onsite
125917	Groundwater Investigation	0.00m-0.50m RED SANDY TOP SOIL 0.50m-2.00m BROWN FINE SANDY CLAY 2.00m-3.00m BROWN SILTY SAND 3.00m-7.00m BROWN SANDY CLAY 7.00m-13.00m GREY & BROWN SILTY CLAY 13.00m-15.00m GRAVELY CLAY	-0.19m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 5.78m DBNS: RWL:		1995-09-14	0	Onsite

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
126082	Groundwater Investigation	0.00m-0.50m RED & BROWN SANDY TOP SOIL 0.50m-2.00m RED SANDY CLAY 2.00m-5.00m COARSE SAND 5.00m-5.50m SILTY CLAY	-0.18m-2.50m INNER LINING - CASING = Pvc 2.50m-5.50m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 1.19m DBNS: RWL:		1995-09-18	0	Onsite
125921	Groundwater Investigation	0.00m-0.50m LIGHT & DARK BROWN TOP SOIL 0.50m-1.00m BROWN SILTY CLAY 1.00m-3.00m BROWN GRAVELY CLAY 3.00m-15.00m GREY ORANGE BROWN CLAY	-0.17m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 5.37m DBNS: RWL:		1995-09-14	0	Onsite
125920	Groundwater Investigation	0.00m-0.50m BROWN & RED TOP SOIL 0.50m-2.00m BROWN SILTY CLAY 2.00m-4.00m BROWN SANDY CLAY 4.00m-15.00m GREY-BROWN SILTY CLAY	-0.25m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 5.65m DBNS: RWL:		1995-09-18	0	Onsite
125919	Groundwater Investigation	0.00m-0.50m RED & BROWN SANDY TOP SOIL 0.50m-2.00m RED SANDY CLAY 2.00m-5.00m COARSE SAND 5.00m-15.00m GREY & BROWN SANDY CLAY	-0.17m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 5.83m DBNS: RWL:		1995-09-15	0	Onsite
119731	Groundwater Investigation	0.00m-0.50m RED BROWN CLAY MOIST 0.50m-2.00m BROWN SILTY CLAY WET 2.00m-2.50m GREY BROWN CLAYEY SAND WET 2.50m-4.00m GREY BROWN SILTY CLAY WET	-0.30m-2.00m INNER LINING - CASING = Pvc 2.00m-4.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-07-24 1400 Quality: 47 WLMP: 0.58m DBNS: RWL:		1995-07-19	0	Onsite
139193	Groundwater Investigation	0.00m-1.50m BROWN CLAY 1.50m-5.50m BROWN SILTY CLAY 5.50m-7.00m BROWN GREY CLAY 7.00m-12.00m BROWN SILTY CLAY AND GRAVEL 12.00m-16.50m BROWN CLAY	-0.30m-13.50m INNER LINING - CASING = Pvc 13.50m-16.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 7.25m DBNS: RWL:		2000-05-01	0	Onsite
119730	Groundwater Investigation	0.00m-0.50m BROWN SILTY CLAY MOIST 0.50m-1.00m RED BROWN CLAY MOIST 1.00m-3.50m BROWN & GREY CLAY DRY	-0.24m-1.50m INNER LINING - CASING = Pvc 1.50m-3.50m INNER LINING - SCREEN = Pvc	Date/time: 1995-07-24 1400 Quality: 47 WLMP: 2.48m DBNS: RWL:		1995-07-19	0	Onsite
126297	Groundwater Investigation	0.00m-0.50m REDY BROWN TOP SOIL 0.50m-6.00m BROWN SILTY CLAY	-0.23m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-12-04 1400 Quality: 47 WLMP: 4.60m DBNS: RWL:		1995-11-17	0	Onsite
2351	Groundwater Investigation	0.00m-1.50m BR ZC MOIST 1.50m-4.00m GRY BR ZC MOIST 4.00m-4.50m BR ZC MOIST 4.50m-8.50m GRY BR ZC MOIST 8.50m-11.00m BR GRY ZC MOIST 11.00m-12.50m GRY BR ZC MOIST 12.50m-13.00m RD BR GRY SZC MOIST 13.00m-15.00m BR GRY ZC MOIST 15.00m-15.50m BR ZSC MOIST 15.50m-17.50m BR GRY ZC MOIST 17.50m-18.50m RD BR GRY ZC MOIST 18.50m-19.50m BR GRY ZC MOIST 19.50m-20.00m GRY BR ZC MOIST 20.00m-21.00m BR GRY ZC MOIST 21.00m-24.00m GRY BR ZC MOIST 24.00m-25.00m BR GRY ZC MOIST				1950-01-01	0	Onsite



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
139192	Groundwater Investigation	0.00m-3.00m BROWN CLAY 3.00m-6.50m BROWN SILTY CLAY 6.50m-8.00m BROWN GREY CLAY 8.00m-13.00m BROWN SILTY CLAY 13.00m-16.50m BROWN CLAY	-0.30m-13.50m INNER LINING - CASING = Pvc 13.50m-16.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 6.90m DBNS: RWL:		2000-05-01	0	Onsite
128467	Groundwater Investigation	0.00m-2.00m BROWN SILTY CLAYS MOIST 2.00m-2.50m BROWN SAND MOIST 2.50m-4.50m MEDIUM COARSE SAND WET 4.50m-5.50m BROWN & GREY CLAY MOIST	-0.15m-2.50m INNER LINING - CASING = Pvc 2.50m-4.50m INNER LINING - SCREEN = Pvc			1997-01-10	0	Onsite
114998	Groundwater Investigation, Observation	0.00m-1.00m GREY BROWN SILTY CLAY MOIST 1.00m-2.00m DARK GREY BROWN SILTY CLAY MOIST 2.00m-15.00m BROWN SILTY CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 5.95m DBNS: RWL:		1993-06-02	0	Onsite
2283	Groundwater Investigation, Observation	0.00m-0.50m BR ZC DRY 0.50m-1.00m BR ZC MOIST 1.00m-2.50m BR ZCS MOIST 2.50m-3.00m BR ZCS WET 3.00m-4.00m BR ZC MOIST 4.00m-7.50m GRY BR ZC MOIST 7.50m-13.50m BR GRY ZC MOIST 13.50m-15.00m GRY ZC MOIST 15.00m-20.00m BR GRY ZC MOIST		Date/time: 1993-08-12 0000 Quality: 47 WLMP: 6.64m DBNS: 6.54m RWL: 109.00 mAHD		1976-09-30	0	Onsite
42587	Groundwater Investigation, Observation			Date/time: 1993-08-12 0000 Quality: 47 WLMP: 1.19m DBNS: 1.09m RWL: 114.48 mAHD		1950-01-01	0	Onsite
2284	Groundwater Investigation, Observation	0.00m-1.50m BR ZC DRY 1.50m-2.00m GRY BR ZC MOIST 2.00m-4.00m BR ZC MOIST 4.00m-4.50m BR SZC MOIST 4.50m-5.50m GRY BR ZC MOIST 5.50m-6.00m BR ZC WET 6.00m-8.00m GRY BR ZC WET 8.00m-8.50m GRY BR SZC WET 8.50m-9.00m GRY SZC WET 9.00m-9.50m BR SC WET 9.50m-11.00m BR GRY ZC MOIST 11.00m-11.50m GRY SZC MOIST 11.50m-12.50m BR SZC MOIST 12.50m-14.50m GRY ZC WET 14.50m-20.00m BR GRY ZC MOIST		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 5.02m DBNS: 4.67m RWL: 111.58 mAHD		1976-09-29	0	Onsite
42588	Groundwater Investigation, Observation			Date/time: 2011-08-17 1200 Quality: 47 WLMP: 1.50m DBNS: 1.28m RWL: 114.24 mAHD		1976-09-29	0	Onsite
2069	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 0.41m DBNS: 0.37m RWL: 114.13 mAHD		1950-01-01	0	Onsite

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
131038	Not Used - Capped	0.00m-2.00m BROWN RED CLAY 2.00m-3.00m BROWN GREY CLAY 3.00m-6.00m SAND 6.00m-0.00m BORE HAS BEEN CULTIVATED OVER	0.00m-6.00m INNER LINING - CASING = Pvc 4.00m-6.00m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel			1996-11-19	0	Onsite
22090	Observation	0.00m-1.00m BROWN SANDY CLAY MOIST 1.00m-2.00m GREY BROWN CLAY MOIST 2.00m-3.00m GREENY BROWN CLAY MOIST 3.00m-5.00m LIGHT BROWN CLAY MOIST 5.00m-6.00m LIGHT BROWN SILTY CLAY WET 6.00m-7.50m BROWN CLAYEY SAND WET 7.50m-8.50m BROWN AND GREY CLAY WET		Date/time: 1991-08-05 0000 Quality: 47 WLMP: 3.60m DBNS: RWL:		1991-04-09	0	Onsite
22114	Observation	0.00m-0.50m LIGHT BROWN SILTY CLAY DRY 0.50m-1.50m BROWN GRITTY CLAY MOIST 1.50m-4.50m LIGHT BROWN CLAY MOIST 4.50m-6.50m LIGHT BROWN SILTY CLAY MOIST 6.50m-7.50m LIGHT BROWN SILTY CLAY WET 7.50m-8.50m BROWN SANDY CLAY WET 8.50m-10.00m BROWN AND GREY CLAY WET		Date/time: 1991-03-18 1400 Quality: 47 WLMP: 5.94m DBNS: RWL:		1991-03-13	0	Onsite
2884	Observation			Date/time: 1974-04-15 0000 Quality: 47 WLMP: 10.16m DBNS: 9.87m RWL: 97.35m AHD		1800-01-01	0	Onsite
22092	Observation	0.00m-0.50m BROWN SILTY CLAY DRY 0.50m-2.50m BROWN CLAY MOIST 2.50m-4.50m RED BROWN CLAY MOIST 4.50m-5.50m LIGHT BROWN CLAY MOIST 5.50m-6.50m LIGHT BROWN SILTY CLAY WET 6.50m-7.50m BROWN FINE MEDIUM SAND WET 7.50m-8.50m BROWN AND GREY CLAY WET		Date/time: 1993-08-12 0000 Quality: 47 WLMP: 1.01m DBNS: RWL:		1991-03-14	0	Onsite
114988	Groundwater Investigation, Observation	0.00m-0.50m BROWN CLAYEY FINE SAND MOIST 0.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-3.50m GREY BROWN SANDY CLAY MOIST 3.50m-8.50m BROWN SILTY CLAY MOIST 8.50m-15.00m BROWN SILTY CLAY WET	0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 6.15m DBNS: RWL:		1993-05-31	18	South East
22091	Observation	0.00m-1.00m LIGHT BROWN CLAY DRY 1.00m-5.00m BROWN CLAY MOIST 5.00m-8.50m LIGHT BROWN SILTY CLAY MOIST 8.50m-10.00m LIGHT BROWN SANDY CLAY WET 10.00m-11.00m YELLOW BROWN & WHITE MEDIUM SAND WET 11.00m-11.50m BROWN CLAY WET		Date/time: 1991-08-05 0000 Quality: 47 WLMP: 2.50m DBNS: RWL:		1991-04-08	23	North West
22093	Observation	0.00m-0.50m DARK BROWN CLAY MOIST 0.50m-6.00m BROWN CLAY MOIST 6.00m-7.00m LIGHT BROWN SANDY CLAY MOIST 7.00m-12.00m BROWN & GREY CLAY MOIST 12.00m-13.50m BROWN SANDY CLAY WET 13.50m-15.00m ORANGEY BROWN & GREY SILTY CLAY WET		Date/time: 1991-04-16 1400 Quality: 47 WLMP: 5.98m DBNS: RWL:		1991-04-10	38	North West

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2352	Groundwater Investigation	0.00m-1.50m BR ZC MOIST 1.50m-2.50m BR SZC DRY 2.50m-3.50m BR ZC DRY 3.50m-5.00m BL GRY BR SZC MOIST 5.00m-5.50m BR ZC MOIST 5.50m-6.50m BL GRY BR ZC MOIST 6.50m-8.50m GRY BR ZC MOIST 8.50m-9.50m BR GRY ZC MOIST 9.50m-11.00m GRY BR ZC MOIST 11.00m-12.00m BR GRY ZSC MOIST 12.00m-13.00m GRY SZC MOIST 13.00m-14.00m GRY BR SZC MOIST 14.00m-15.50m GRY ZC MOIST 15.50m-17.00m BR GRY ZC MOIST 17.00m-20.50m GRY BR ZC MOIST 20.50m-24.50m BR GRY ZC MOIST 24.50m-25.00m RD GRY BR SZC MOIST				1975-11-03	103	East
114991	Groundwater Investigation, Observation	0.00m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-1.50m BROWN SANDY CLAY MOIST 1.50m-7.50m BROWN SILTY CLAY MOIST 7.50m-9.50m FINE SAND WET 9.50m-10.00m MEDIUM SAND WET 10.00m-11.00m SILTY CLAY MOIST	0.00m-8.00m INNER LINING - CASING = Pvc 7.50m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 2.16m DBNS: RWL:		1993-06-02	131	South East
115000	Groundwater Investigation, Observation	0.00m-5.00m REFER TO DRILLERS LOG NUMBERED	0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-5.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 1.88m DBNS: RWL:		1993-06-03	203	South East
114999	Groundwater Investigation, Observation	0.00m-0.50m GREY BROWN FINE SANDY CLAY MOIST 0.50m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-1.50m GREY BROWN SILTY CLAY MOIST 1.50m-3.50m GREY BROWN FIEN SANDY CLAY MOIST 3.50m-4.00m FINE MEDIUM WET 4.00m-4.50m COARSE SAND WET 4.50m-15.00m SILTY CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 3.50m-4.50m INNER LINING - SCREEN = Pvc 12.00m-15.00m INNER LINING - SCREEN = Not Known	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 7.05m DBNS: RWL:		1993-06-03	203	South East
22141	Groundwater Investigation, Observation			Date/time: 1991-10-18 1400 Quality: 47 WLMP: 1.22m DBNS: RWL:		1991-10-17	216	North
2030	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 1.32m DBNS: 1.33m RWL: 113.09 mAHD		1950-01-01	218	West
44482	Groundwater Investigation, Observation			Date/time: 1992-08-18 1400 Quality: 47 WLMP: 2.61m DBNS: 2.41m RWL: 112.22 mAHD		1950-01-01	231	North

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
44481	Groundwater Investigation, Observation			Date/time: 1991-08-13 0000 Quality: 47 WLMP: 2.48m DBNS: 2.20m RWL: 112.43 mAHD		1950-01-01	231	North
90955	Domestic, Stock	0.00m-5.80m CLAY ORANGE 5.80m-6.70m SAND	0.00m-5.70m INNER LINING - CASING = Pvc 5.70m-6.70m INNER LINING - SCREEN = Pvc		5.70m-6.70m Sand	1987-10-21	234	North West
115001	Groundwater Investigation, Observation	0.00m-4.00m REFER TO DRILLERS LOG NUMBERED	0.00m-2.00m INNER LINING - CASING = Pvc 1.50m-3.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 2.02m DBNS: 2.02m RWL:		1993-06-03	244	East
114996	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SANDY CLAY MOIST 1.50m-2.50m MEDIUM SAND WET 2.50m-3.50m COARSE SAND WET 3.50m-15.00m SILTY CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 6.90m DBNS: 6.90m RWL:		1993-06-03	244	East
2353	Groundwater Investigation	0.00m-0.50m BR ZC DRY 0.50m-2.00m BR SZC DRY 2.00m-4.50m BR SZC MOIST 4.50m-7.00m GRY BR ZC MOIST 7.00m-7.50m GRY BR SZC MOIST 7.50m-8.00m GRY BR ZC MOIST 8.00m-8.50m BR GRY ZC MOIST 8.50m-9.50m GRY BR ZC MOIST 9.50m-10.00m GREY BR SZC MOIST 10.00m-10.50m BR SC WET 10.50m-11.50m BR ZSC WET 11.50m-12.00m BR GRY SZC MOIST 12.00m-12.50m GRY BR SZC MOIST 12.50m-13.50m BR GRY SZC MOIST 13.50m-14.00m GRY BR ZC MOIST 14.00m-14.50m GRY BR SZC MOIST 14.50m-15.50m BR SZC WET 15.50m-16.00m GRY BR SZC WET 16.00m-17.00m GRY BR ZC MOIST 17.00m-18.00m BR GRY ZC MOIST 18.00m-20.00m BR GRY ZC MOIST				1975-11-06	249	East
132133	Domestic	0.00m-1.00m RED BROWN SANDY CLAY 1.00m-2.00m RED BROWN CLAYEY SAND 2.00m-4.50m BROWN MEDIUM COARSE SAND	-0.30m-4.50m INNER LINING - CASING = Pvc 2.50m-4.50m INNER LINING - SCREEN = Pvc 1.50m-4.50m OUTER LINING - GRAVEL = Gravel		2.50m-4.50m Sand	1997-07-01	262	North
90860	Not Known		0.00m-9.40m INNER LINING - CASING = Not Known 9.40m-11.20m INNER LINING - SCREEN = Not Known			1974-10-21	287	North
WRK083114	Observation	0.00m-0.05m ASPHALT 0.05m-1.00m FILLGRAVELY SAND, GREY, FINE- COARSE GRAINED, MOIST 1.00m-10.00m SILTY CLAY - VERY STIFF - HARD BROWN-ORANGE, BROWN MOIST	0.00m-7.00m INNER LINING - CASING = UPVC class 12 0.00m-2.00m OUTER LINING - GRAVEL = Cement 2.00m-6.50m OUTER LINING - GRAVEL = Bentonite 6.50m-10.00m OUTER LINING - GRAVEL = Gravel		7.00m-10.00m Silt	2014-12-12	287	North
WRK083116	Observation	0.00m-0.05m Asphalt 0.05m-0.80m FILL: SANDY GRAVEL, FINE TO COARSE GRAINED MED DENSE, MOIST 0.80m-10.00m SILTY CLAY: VERY STIFF TO HARD BROWN, ORANGE BROWN MOIST	0.00m-6.00m INNER LINING - CASING = UPVC class 12 0.00m-2.00m OUTER LINING - GRAVEL = Cement 2.00m-5.50m OUTER LINING - GRAVEL = Bentonite 5.50m-10.00m OUTER LINING - GRAVEL = Gravel		6.00m-10.00m Silt	2014-12-12	291	North
WRK083112	Observation	0.00m-0.05m ASPHALT 0.05m-1.00m FILL, SANDY GRAVEL, INE-COARSE, GREY MOIST 1.00m-10.00m SILTY CLAY, VERY STIFF - HARD, BROWN - ORANGE BROWN, MOIST	0.00m-4.00m INNER LINING - CASING = UPVC class 12 0.00m-1.00m OUTER LINING - GRAVEL = Cement 1.00m-3.50m OUTER LINING - GRAVEL = Bentonite 3.50m-10.00m OUTER LINING - GRAVEL = Gravel		4.00m-10.00m Silt	2014-12-11	296	North



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2227	Groundwater Investigation, Observation	0.00m-1.00m RED BROWN CLAY MOIST 1.00m-1.50m DARK BROWN CLAY MOIST 1.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-4.00m BROWN CLAY MOIST 4.00m-8.00m CLAYS WET 8.00m-10.50m SAND WET 10.50m-11.50m CLAYS WET	0.00m-7.50m INNER LINING - CASING = Pvc 7.50m-10.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-12 0000 Quality: 47 WLMP: 2.42m DBNS: RWL:		1989-11-20	299	South East
WRK083113	Observation	0.00m-0.05m ASPHALT 0.05m-1.00m FILL SANDY GRAVEL, FINE-CAORSE GREY, MOIST 1.00m-10.00m SILTY CLAY, VERY STIFF, HARD, BROWN - ORANGE, BROWN M OIST	0.00m-4.00m INNER LINING - CASING = UPVC class 12 0.00m-1.00m OUTER LINING - GRAVEL = Cement 1.00m-3.50m OUTER LINING - GRAVEL = Bentonite 3.50m-10.00m OUTER LINING - GRAVEL = Gravel		4.00m-10.00m Silt	2014-12-11	307	North
114989	Groundwater Investigation, Observation	0.00m-0.50m BROWN CLAYEY FINE SAND MOIST 0.50m-1.00m BROWN CLAYEY MEDIUM SAND MOIST 1.00m-3.00m GREY BROWN SANDY CLAY MOIST 3.00m-12.50m GREY BROWN CLAY MOIST 12.50m-13.00m FINE SAND WET 13.00m-14.00m MEDIUM SAND WET 14.00m-14.50m SILTY CLAY MOIST	0.00m-11.50m INNER LINING - CASING = Pvc 11.50m-14.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 3.76m DBNS: RWL:		1993-06-01	331	South East
114990	Groundwater Investigation, Observation	0.00m-0.50m LIGHT BROWN CLAYEY SILT MOIST 0.50m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-1.50m BROWN SANDY CLAY MOIST 1.50m-3.00m GREY BROWN SANDY CLAY MOIST 3.00m-5.00m GREY SANDY CLAY WET 5.00m-9.00m GREY BROWN SILTY CLAY MOIST 9.00m-10.50m FINE SAND WET 10.50m-11.50m SILTY CLAY MOIST	0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 2.09m DBNS: RWL:		1993-06-01	338	South East
2047	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 0.58m DBNS: 0.56m RWL: 114.50 mAHD		1950-01-01	341	West
2285	Groundwater Investigation, Observation	0.00m-1.00m BR ZC DRY 1.00m-3.00m BR ZC MOIST 3.00m-4.00m BLK BR ZC MOIST 4.00m-4.50m BR ZC MOIST 4.50m-5.00m GRY BR ZC MOIST 5.00m-6.50m GRY BR SZC MOIST 6.50m-7.00m GRY BR SZC WET 7.00m-8.00m BR ZSC WET 8.00m-10.50m BR ZS MED WET 10.50m-11.50m BR GRY ZC MOIST 11.50m-12.00m GRY ZC MOIST 12.00m-13.50m BR GRY ZC MOIST 13.50m-14.00m GRY ZC MOIST 14.00m-14.50m BR GRY ZC MOIST 14.50m-15.50m GRY SZC MOIST 15.50m-17.00m BR GRY SZC MOIST 17.00m-19.00m GRY BR ZC MOIST 19.00m-20.00m BR GRY ZC MOIST		Date/time: 1977-02-08 0000 Quality: 47 WLMP: 2.60m DBNS: 2.36m RWL: 113.33 mAHD		1976-09-28	348	South
42589	Groundwater Investigation, Observation			Date/time: 1977-02-08 0000 Quality: 47 WLMP: 0.50m DBNS: 0.26m RWL: 115.43 mAHD		1950-01-01	348	South
2418	Observation			Date/time: 1999-08-18 0000 Quality: 47 WLMP: 3.32m DBNS: RWL:		1989-11-30	361	South East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2795	Observation			Date/time: 1992-03-19 0000 Quality: 47 WLMP: 11.25m DBNS: RWL:		1989-11-21	365	South East
WRK006986	Dewatering	1.00m-2.00m RED SANDY CLAY 2.00m-5.30m SAND	0.00m-5.30m INNER LINING - CASING = Pvc 3.30m-5.30m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel			1994-06-15	367	East
45403	Observation			Date/time: 2012-08-15 1200 Quality: 47 WLMP: 6.00m DBNS: 6.00m RWL: 110.30 mAHD		1990-05-14	371	South East
2815	Observation	0.00m-0.50m RED BROWN CLAY MOIST 0.50m-1.00m BROWN SANDY CLAY MOIST 1.00m-2.00m LIGHT BROWN SANDY CLAY WET 2.00m-5.50m GREY BROWN SILTY CLAYS WET 5.50m-9.00m LIGHT BROWN SILTY CLAYS WET 9.00m-10.00m BROWN SILTY SAND WET 10.00m-12.00m LIGHT BROWN CLAY WET 12.00m-15.00m LIGHT BROWN SILTY CLAY WET		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 7.34m DBNS: 7.34m RWL: 108.96 mAHD		1990-05-11	371	South East
115002	Groundwater Investigation, Observation	0.00m-5.50m REFER TO DRILLERS LOG NUMBERED	0.00m-3.50m INNER LINING - CASING = Pvc 3.50m-5.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 1.90m DBNS: RWL:		1993-06-04	374	East
114997	Groundwater Investigation, Observation	0.00m-1.00m BROWN SILTY CLAY MOIST 1.00m-2.50m GREY BROWN CLAYEY SILT MOIST 2.50m-3.50m GREY BROWN CLAYEY SILT WET 3.50m-4.00m FINE SAND WET 4.00m-5.00m COARSE SAND WET 5.00m-15.00m SILTY CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 3.50m-5.00m INNER LINING - SCREEN = Pvc 12.00m-15.00m INNER LINING - SCREEN = Not Known	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 6.30m DBNS: RWL:		1993-06-04	374	East
42605	Groundwater Investigation, Observation			Date/time: 2012-11-22 1200 Quality: 47 WLMP: 1.72m DBNS: 1.57m RWL: 114.54 mAHD		1950-01-01	375	East
2354	Groundwater Investigation, Observation	0.50m-1.50m BROWN CLAY 2.00m-2.50m BROWN S/C 3.00m-4.50m BROWN CLAY GRAVELS 5.00m-7.00m GREY BROWN CLAY 7.50m-10.00m YELLOW CLAY 10.50m-12.00m GREY BROWN CLAY 12.50m-13.00m YELLOW S/C 13.00m-14.50m BROWN GREY CLAY 15.00m-17.50m GREY RED CLAY 18.00m-21.00m BROWN GREY CLAY 21.50m-22.00m GREY BROWN S/C 22.50m-30.00m GREY BROWN CLAY		Date/time: 2013-06-18 1200 Quality: 47 WLMP: 9.83m DBNS: 9.71m RWL: 106.40 mAHD		1976-06-25	375	East
90926	Miscellaneous		0.00m-7.92m INNER LINING - CASING = Not Known 7.92m-10.97m INNER LINING - SCREEN = Not Known			1974-12-09	381	North

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2229	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN CLAY MOIST 0.50m-1.00m RED BROWN AND BLACK CLAY MOIST 1.00m-1.50m GREENY GREY CLAY MOIST 1.50m-2.00m BROWN AND GREY CLAY MOIST 2.00m-3.00m BROWN CLAY MOIST 3.00m-4.00m DARK BROWN CLAY MOIST 4.00m-5.50m BROWN SILTY CLAY MOSIT 5.50m-8.00m BROWN SILTY CLAY WET 8.00m-11.00m FINE TO MEDIUM SAND WET	0.00m-8.00m INNER LINING - CASING = Pvc 8.00m-11.00m INNER LINING - SCREEN = Pvc	Date/time: 2010-08-20 1400 Quality: 47 WLMP: 4.75m DBNS: RWL:		1989-11-16	417	South East
115573	Groundwater Investigation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-3.00m GREY BROWN SILTY CLAY MOIST 3.00m-6.00m GREY BROWN SANDY CLAY MOIST 6.00m-8.50m BROWN SILTY CLAY MOIST 8.50m-11.00m MEDIUM SAND WET 11.00m-11.50m SILTY CLAY MOIST	0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-07-16 1400 Quality: 47 WLMP: 2.34m DBNS: RWL:		1993-07-13	420	South East
114777	Groundwater Investigation	0.00m-0.50m BROWN CLAYEY SILT MOIST 0.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-3.00m GREY BROWN SILTY CLAY MOIST 3.00m-6.00m GREY BROWN SANDY CLAY MOIST 6.00m-8.50m BROWN SILTY CLAY MOIST 8.50m-11.00m SAND WET	0.00m-6.26m INNER LINING - CASING = Pvc 6.26m-10.76m INNER LINING - SCREEN = Pvc 5.00m-10.76m OUTER LINING - GRAVEL = Gravel			1993-07-19	420	South East
2228	Groundwater Investigation, Observation	0.00m-0.50m BROWN SILTY CLAY DRY-MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-1.50m RED BROWN SANDY CLAY MOIST 1.50m-3.00m LIGHT BROWN SANDY CLAY MOIST 3.00m-4.00m RED BROWN SANDY CALY MOIST 4.00m-8.50m CLAYS MOIST 8.50m-10.50m SAND WET	0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-10.50m INNER LINING - SCREEN = Pvc	Date/time: 1999-08-18 0000 Quality: 47 WLMP: 3.73m DBNS: RWL:		1989-11-20	447	South East
22008	Observation	0.00m-0.50m LIGHT BROWN SANY CLAY 0.50m-1.00m LIGHT BROWN CLAY 1.00m-3.50m LIGHT BROWN GRITTY CLAY 3.50m-5.00m LIGHT BROWN CLAY 5.00m-8.50m LIGHT BROWN SILTY CLAY 8.50m-11.00m BROWN AND GREY MEDIUM SANDS		Date/time: 1991-08-05 0000 Quality: 47 WLMP: 1.33m DBNS: RWL:		1990-05-28	448	South East
WRK077470	Observation	0.00m-0.35m FILL/CONCRETE CLAY SAND	0.00m-0.70m INNER LINING - CASING = Pvc 0.70m-3.20m INNER LINING - SCREEN = Pvc 0.00m-0.20m OUTER LINING - GRAVEL = Cement 0.20m-0.50m OUTER LINING - GRAVEL = Bentonite 0.50m-3.20m OUTER LINING - GRAVEL = Gravel		0.70m-3.20m Silt	2014-04-02	453	North
2450	Observation	0.00m-0.50m BROWN SANDY CLAY DRY 0.50m-1.00m BROWN GRITTY CLAY MOIST 1.00m-2.50m GREENY GREY CLAY MOIST 2.50m-5.50m LIGHT BROWN CLAY WET 5.50m-9.00m LIGHT BROWN SILTY CLAY WET 9.00m-10.00m LIGHT BROWN SILTY SAND WET 10.00m-10.50m LIGHT BROWN AND GREY CLAY WET		Date/time: 1991-08-05 0000 Quality: 47 WLMP: 0.97m DBNS: RWL:		1990-05-15	457	South East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
22001	Observation	0.00m-0.50m LIGHT BROWN SANDY CLAY MOIST 0.50m-1.00m LIGHT BROWN CLAY MOIST 1.00m-3.50m LIGHT BROWN GRITTY CLAY MOIST 3.50m-5.00m LIGHT BROWN CLAY MOIST 5.00m-8.50m LIGHT BROWN SILTY CLAY WET 8.50m-11.00m GREY AND BROWN FINE TO MEDIUM SANDS WET 11.00m-11.50m GREY AND BROWN SILTY CLAY WET		Date/time: 1993-08-12 0000 Quality: 47 WLMP: 2.37m DBNS: RWL:		1990-05-19	457	South East
114778	Groundwater Investigation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST 3.00m-4.00m GREY BROWN SANDY CLAY MOIST 4.00m-8.00m GREY BROWN SANDY CLAY WET 8.00m-11.00m SAND WET	0.00m-6.33m INNER LINING - CASING = Pvc 6.33m-10.83m INNER LINING - SCREEN = Pvc 5.00m-10.83m OUTER LINING - GRAVEL = Gravel			1993-07-19	458	South East
2816	Observation	0.00m-1.00m RED BROWN SANDY CLAY MOIST 1.00m-1.50m BROWN GRITTY CLAY MOIST 1.50m-3.50m LIGHT BROWN CLAY MOIST 3.50m-5.00m BROWN CLAYEY SAND WET 5.00m-7.00m LIGHT GREY BROWN CLAY WET 7.00m-10.00m LIGHT BROWN SILTY CLAY WET 10.00m-13.00m BROWN CLAY WET 13.00m-15.00m GREY SANDY CLAY WET				1990-05-16	460	South East
115006	Groundwater Investigation, Observation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST	0.00m-1.00m INNER LINING - CASING = Pvc 1.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 3.00m DBNS: RWL:		1993-07-29	463	South East
115572	Groundwater Investigation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-5.00m BROWN SILTY CLAY MOIST 5.00m-8.50m GREY BROWN SANDY CLAY WET 8.50m-10.50m FINE TO MEDIUM SAND WET 10.50m-11.50m SILTY CLAY MOIST	0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 2.53m DBNS: RWL:		1993-07-12	463	South East
45401	Observation			Date/time: 1990-08-29 0000 Quality: 47 WLMP: 1.61m DBNS: RWL:		1990-05-15	467	South East
2449	Observation	0.00m-0.50m LIGHT BROWN SILTY CLAY DRY 0.50m-1.00m BROWN SILTY CLAY (BITS OF SILTSTONE) MOIST 1.00m-1.50m BROWN SILTY CLAY MOIST 1.50m-2.50m GREENY BROWN SILTY CLAY MOIST 2.50m-3.50m LIGHT BROWN SANDYY CLAY MOIST 3.50m-6.00m LIGHT BROWN CLAYEY SAND WET 6.00m-9.00m LIGHT BROWN SILTY CLAY WET 9.00m-10.50m GREY BROWN MEDIUM SAND WET 10.50m-15.00m BROWN GRITTY CLAY WET		Date/time: 2014-02-28 1626 Quality: 45 WLMP: 19.09m DBNS: 19.09m RWL: 97.92mAHD		1990-05-14	467	South East
115571	Groundwater Investigation	0.00m-0.50m DARK BROWN CLAYS SILT MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST 3.00m-4.00m GREY BROWN SANDY CLAY MOIST 4.00m-8.00m GREY BROWN SANDY CLAY WET 8.00m-10.00m FINE SAND WET 10.00m-10.50m COARSE SAND WET 10.50m-11.00m SILTY CLAY MOIST	0.00m-8.00m INNER LINING - CASING = Pvc 8.00m-11.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 2.60m DBNS: RWL:		1993-07-13	471	South East



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
115005	Groundwater Investigation, Observation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST	0.00m-1.00m INNER LINING - CASING = Pvc 1.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 1.75m DBNS: RWL:		1993-07-29	471	South East
2510	Groundwater Investigation					1950-01-01	472	North East
WRK083111	Observation	0.00m-0.05m ASPHALT 0.05m-1.00m FILL SANDY GRAVEL, FINE TO COARSE, GREY MOIST 1.00m-10.00m SILTY CLAY, VERY STIFF TO HARD, BROWN ORANGE, BROWN MOIST	0.00m-4.00m INNER LINING - CASING = UPVC class 12 4.00m-10.00m INNER LINING - SCREEN = Pvc 0.00m-1.00m OUTER LINING - GRAVEL = Cement 1.00m-3.50m OUTER LINING - GRAVEL = Bentonite 3.50m-10.00m OUTER LINING - GRAVEL = Gravel		4.00m-10.00m Silt	2014-12-11	481	North
SP061893	Domestic & Stock	0.00m-2.50m Brown Silty Clay 2.50m-3.50m Brown Medium Coarse Sand 3.50m-15.00m Brown & Grey Heavy Clay				2008-10-03	486	North East
SP03404	Domestic & Stock	0.00m-2.50m Brown Silty Clay 2.50m-3.50m Brown Med Coarse sand 3.50m-15.00m Brown & grey heavy clay				2008-10-03	486	North East
115574	Groundwater Investigation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST 3.00m-4.00m GREY BROWN SANDY CLAY MOIST 4.00m-8.00m BROWN SANDY CLAY WET 8.00m-10.00m FINE TO MEDIUM SAND WET 10.00m-11.00m COARSE SAND WET 11.00m-11.50m SILTY CLAY MOIST	0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-07-16 1400 Quality: 47 WLMP: 2.38m DBNS: RWL:		1993-07-13	488	South East
90940	Domestic		0.00m-12.40m INNER LINING - CASING = Pvc 12.40m-13.70m INNER LINING - SCREEN = Pvc		12.40m-13.70m Sand	1980-05-06	509	South East
2506	Groundwater Investigation					1950-01-01	524	North East
2507	Groundwater Investigation					1950-01-01	529	North East
90844	Not Known		0.00m-3.80m INNER LINING - CASING = Not Known 3.80m-5.20m INNER LINING - SCREEN = Not Known			1974-08-27	529	North East
2514	Groundwater Investigation					1950-01-01	530	North East
2508	Groundwater Investigation					1950-01-01	534	North East
90861	Not Known		0.00m-8.60m INNER LINING - CASING = Not Known 8.60m-10.30m INNER LINING - SCREEN = Not Known			1974-10-22	559	North
22002	Observation	0.00m-0.50m BROWN SANDY CLAY MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-3.00m LIGHT BROWN CLAY MOIST 3.00m-5.00m BROWN CLAY MOIST 5.00m-6.50m LIGHT BROWN CLAY WET 6.50m-8.50m LIGHT BROWN SILTY CLAY WET 8.50m-11.00m GREY FINE TO MEDIUM SANDS WET 11.00m-11.50m GREENY GREY CLAY WET		Date/time: 1999-08-18 0000 Quality: 47 WLMP: 3.70m DBNS: RWL:		1990-05-20	560	South East
90949	Not Known		0.00m-3.10m INNER LINING - CASING = Not Known 3.10m-13.40m INNER LINING - SCREEN = Not Known			1986-06-29	563	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
125915	Groundwater Investigation	0.00m-0.50m BROWNY RED SANDY TOP SOIL 0.50m-1.00m DARK BROWN SANDY CLAY 1.00m-4.00m LIGHT BROWN SANDY CLAY 4.00m-20.00m BROWN SILTY CLAY	-0.11m-17.00m INNER LINING - CASING = Pvc 17.00m-20.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 6.00m DBNS: RWL:		1995-09-12	567	South
110895	Groundwater Investigation	0.00m-0.50m DARK BROWN SILTY CLAY MOIST 0.50m-1.00m LIGHT AND DARK BROWN SILTY CLAY MOIST 1.00m-2.00m BROWN SANDY CLAY MOIST 2.00m-6.00m SILTS AND SANDS MOIST	-0.27m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCREEN = Pvc	Date/time: 1994-07-22 1400 Quality: 47 WLMP: 5.18m DBNS: RWL:		1994-07-18	567	North
2509	Groundwater Investigation					1950-01-01	573	North East
WRK016809	Domestic & Stock	0.00m-4.00m BROWN SILTY CLAY 4.00m-13.00m BROWN MED FINE SAND	0.00m-10.50m INNER LINING - CASING = Pvc Class 9 10.50m-13.00m INNER LINING - SCREEN = Pvc Class 9 8.00m-13.00m OUTER LINING - GRAVEL = Gravel		10.50m-13.00m Sand	2009-04-24	573	North East
42652	Groundwater Investigation					1950-01-01	594	North East
2511	Groundwater Investigation	0.00m-0.50m BROWN S/CLAY DRY 0.50m-1.00m BROWN S/CLAY MOIST 1.00m-1.50m BROWN S/CLAY WET 1.50m-2.50m GREY S/CLAY WITH BROWN (INC) WET 2.50m-3.00m GREY S/CLAY WITH YELLOWEY BROWN (INC) WET 3.00m-4.50m YELLOWEY BROWN S/CLAY WITH GREY (INC) MOIST 4.50m-5.50m YELLOWEY BROWN CLAY WITH GREY & BLACK (INC) MOIST 5.50m-6.50m GREY CLAY WITH YELLOWEY BROWN (INC) MOIST 6.50m-9.00m GREY CLAY WITH YELLOWEY BROWN & BLACK (INC) MOIST 9.00m-10.50m GREY S/CLAY WITH YELLOWEY BROWN (INC) WET 10.50m-11.50m YELLOWEY BROWN CLAYEY/SAND WITH GREY (INC) WET 11.50m-12.50m GREY S/CLAY WITH BROWN (INC) WET 12.50m-15.00m GREY S/CLAY WITH YELLOWEY BROWN (INC) MOIST				1977-03-03	594	North East
43873	Groundwater Investigation, Observation			Date/time: 2008-11-25 1200 Quality: 47 WLMP: 4.81m DBNS: 4.58m RWL: 110.29 mAHd		1950-01-01	599	North
43874	Groundwater Investigation, Observation			Date/time: 2008-11-25 1200 Quality: 47 WLMP: 0.72m DBNS: 0.54m RWL: 114.33 mAHd		1950-01-01	599	North
2048	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 0.53m DBNS: 0.45m RWL: 115.17 mAHd		1950-01-01	607	East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
44461	Groundwater Investigation, Observation			Date/time: 2003-08-05 1200 Quality: 47 WLMP: 0.97m DBNS: 0.64m RWL: 114.71 mAHD		1950-01-01	625	North East
44460	Groundwater Investigation, Observation			Date/time: 2006-05-22 1200 Quality: 47 WLMP: 4.60m DBNS: 4.32m RWL: 111.03 mAHD		1950-01-01	625	North East
90845	Not Known		0.00m-10.40m INNER LINING - CASING = Not Known 10.40m-11.00m INNER LINING - SCREEN = Not Known			1974-08-28	631	North East
WRK008343	Dewatering	0.00m-0.50m TOP SOIL 0.50m-4.50m SAND	-0.20m-3.30m INNER LINING - CASING = Pvc 3.30m-4.50m INNER LINING - SCREEN = Pvc		3.30m-4.50m Sand	1998-11-27	632	North
44456	Groundwater Investigation, Observation			Date/time: 2012-11-23 1200 Quality: 47 WLMP: 1.02m DBNS: 0.82m RWL: 116.03 mAHD		1950-01-01	637	North East
44455	Groundwater Investigation, Observation			Date/time: 2001-05-30 1400 Quality: 47 WLMP: 1.50m DBNS: RWL:		1950-01-01	637	North East
44454	Groundwater Investigation, Observation			Date/time: 2013-06-20 1200 Quality: 47 WLMP: 5.62m DBNS: 5.41m RWL: 111.44 mAHD		1950-01-01	637	North East
2986	Observation	0.00m-1.00m ORANGE/BROWN SANDY CLAY DAMP 1.00m-2.50m BROWN SANDY CLAY MOIST 2.50m-3.00m BROWN SANDY CLAY DRY 3.00m-4.00m RED/BROWN SILTY CLAY MOIST 4.00m-15.00m CLAYS	0.00m-13.00m INNER LINING - CASING = Pvc 13.00m-15.00m INNER LINING - SCREEN = Slotted Pvc 13.00m-15.00m OUTER LINING - GRAVEL = Seal	Date/time: 1991-08-05 0000 Quality: 47 WLMP: 5.85m DBNS: RWL:		1989-01-23	638	South East
110896	Groundwater Investigation	0.00m-3.00m REDY BROWN SANDY CLAY MOIST 3.00m-4.50m COARSE SAND WET 4.50m-5.00m SILTS AND SANDS	-0.20m-2.00m INNER LINING - CASING = Pvc 2.00m-5.00m INNER LINING - SCREEN = Pvc	Date/time: 1994-07-22 1400 Quality: 47 WLMP: 1.65m DBNS: RWL:		1994-07-18	639	North
2503	Groundwater Investigation					1950-01-01	641	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2985	Observation	0.00m-1.00m RED/BROWN CLAYEY SAND MOIST 1.00m-2.00m RED/BROWN SANDY CLAY DAMP 2.00m-3.00m GREY/BROWN HRAD SILTY CLAY MOI 3.00m-4.00m BROWN SILTY CLAY MOIST 4.00m-7.00m CLAYS MOIST 7.00m-9.50m SOFT CLAYS WET 9.50m-10.00m SAND 10.00m-15.00m CLAYS	0.00m-13.00m INNER LINING - CASING = Pvc 13.00m-15.00m INNER LINING - SCREEN = Slotted Pvc 13.00m-15.00m OUTER LINING - GRAVEL = Seal	Date/time: 1995-08-30 0000 Quality: 47 WLMP: 6.00m DBNS: RWL:		1989-01-23	641	South East
44852	Observation	0.00m-1.00m RED/BROWN CLAYEY SAND 1.00m-2.00m RED/BROWN SANDY CLAY 2.00m-3.00m GREY/BROWN HARD SILTY CLAY 3.00m-4.00m BROWN SILTY CLAY 4.00m-7.00m CLAYS 7.00m-9.50m SOFT CLAYS 9.50m-10.50m SANDS	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-10.50m INNER LINING - SCREEN = Slotted Pvc 9.50m-10.50m OUTER LINING - GRAVEL = Seal	Date/time: 1995-08-30 0000 Quality: 47 WLMP: 1.37m DBNS: RWL:		1989-01-20	641	South East
44459	Groundwater Investigation, Observation			Date/time: 2012-12-17 1200 Quality: 47 WLMP: 0.70m DBNS: 0.44m RWL: 116.42 mAHD		1950-01-01	648	North East
44457	Groundwater Investigation, Observation			Date/time: 2013-03-21 1200 Quality: 47 WLMP: 8.70m DBNS: 8.42m RWL: 108.44 mAHD		1950-01-01	648	North East
44458	Groundwater Investigation, Observation			Date/time: 1998-05-11 1400 Quality: 47 WLMP: 2.80m DBNS: RWL:		1950-01-01	648	North East
WRK954298	Domestic & Stock	0.00m-7.50m BROWN SILTY CLAY 7.50m-8.50m BROWN FINW SANDY CLAY 8.50m-10.00m BROWN FINE CLAYEY SAND 10.00m-11.50m BROWN FINE SAND	0.00m-9.00m INNER LINING - CASING = Pvc 9.00m-11.50m INNER LINING - SCREEN = Pvc 7.00m-11.50m OUTER LINING - GRAVEL = Gravel		9.00m-11.50m Sand	2006-04-18	667	North East
125916	Groundwater Investigation	0.00m-0.50m RED SANDY TOP SOIL 0.50m-1.00m REDY BROWN SANDY CLAY 1.00m-4.00m BROWN SANDY CLAY 4.00m-15.00m GREY & BROWN SANDY CLAY	-0.26m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 6.35m DBNS: RWL:		1995-09-13	667	South
WRK958989	Domestic & Stock	0.00m-4.00m RED BROWN SILTY CLAY 4.00m-8.00m BROWN SILTY SANDY CLAY 8.00m-12.00m BROWN MED COARSE SAND	0.30m-10.00m INNER LINING - CASING = Pvc 6.00m-12.00m OUTER LINING - GRAVEL = Gravel		10.00m-12.00m Sand	2007-10-29	671	North East
2504	Groundwater Investigation			Date/time: 1996-08-14 0000 Quality: 47 WLMP: 2.25m DBNS: 2.11m RWL: 113.38 mAHD		1950-01-01	675	North East



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
44466	Groundwater Investigation, Observation			Date/time: 2000-06-07 1400 Quality: 47 WLMP: 3.50m DBNS: RWL:		1950-01-01	681	North East
42653	Groundwater Investigation, Observation			Date/time: 2011-08-17 1200 Quality: 47 WLMP: 1.91m DBNS: 1.80m RWL: 113.23 mAHD		1977-03-08	681	North East
44467	Groundwater Investigation, Observation			Date/time: 2002-06-20 1200 Quality: 47 WLMP: 0.89m DBNS: 0.73m RWL: 114.47 mAHD		1950-01-01	681	North East
44465	Groundwater Investigation, Observation			Date/time: 2002-06-20 1200 Quality: 47 WLMP: 12.61m DBNS: 12.42m RWL: 102.78 mAHD		1950-01-01	681	North East
2512	Groundwater Investigation, Observation	0.00m-1.00m BROWN S/CLAY DRY 1.00m-2.00m YELLOWEY BROWN S/CLAY WITH GREY (INC) MOIST 2.00m-5.50m BROWN S/CLAY MOIST 5.50m-7.50m YELLOWEY BROWN S/CLAY WITH GREY (INC) WET 7.50m-9.50m GREY S/CLAY WITH YELLOWEY BROWN (INC) WET 9.50m-13.00m BROWN FINE SAND WET 13.00m-13.50m GREY G/CLAY WET 13.50m-14.00m GREY S/CLAY WITH YELLOWEY BROWN (INC) MOIST 14.00m-14.50m YELLOWEY BROWN S/CLAY WITH GREY (INC) MOIST		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 4.84m DBNS: 4.70m RWL: 112.38 mAHD		1977-03-08	681	North East
2355	Groundwater Investigation	0.50m-2.50m BROWN CLAY 3.00m-3.50m GREY BROWN CLAY 3.50m-4.00m GREY BROWN S/C 4.00m-4.50m GREY BROWN CLAY 4.50m-5.00m BROWN CLAY 5.00m-6.00m YELLOW BROWN CLAY 6.50m-7.00m BROWN CLAY 7.00m-7.50m GREY YELLOW CLAY 7.50m-8.00m BROWN YELLOW S/C 8.00m-10.00m GREY YELLOW S/C 10.50m-11.50m BROWN MED SAND 12.00m-12.50m GREY YELLOW S/C 12.50m-13.00m GREY CLAY 13.00m-13.50m BROWN GREY CLAY 13.50m-14.00m GREY CLAY GRAVELS 14.50m-15.00m GREY YELLOW CLAY GRAVELS 15.50m-16.50m GREY RED CLAY 17.00m-18.00m BROWN GREY CLAY 18.50m-19.50m GREY BROWN CLAY 20.00m-21.50m GREY BROWN S/C 22.00m-22.50m BROWN CLAY GRAVELS 22.50m-24.00m BROWN GREY CLAY 24.50m-25.00m GREY YELLOW S/C				1976-06-23	683	East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
114783	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST	0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 2.00m DBNS: RWL:		1993-07-27	701	South East
115566	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-8.00m GREY BROWN SILTY CLAY MOIST 8.00m-9.00m FINE SAND WET 9.00m-10.00m MEDIUM SAND WET 10.00m-12.00m COARSE SAND WET 12.00m-12.50m SILTY CLAY MOIST	0.00m-9.50m INNER LINING - CASING = Pvc 8.00m-12.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-07-16 1400 Quality: 47 WLMP: 2.86m DBNS: RWL:		1993-07-15	701	South East
110893	Groundwater Investigation	0.00m-0.50m BROWN RED SILTY CLAY MOIST 0.50m-1.00m DARK BROWN SILTY CLAY MOIST 1.00m-2.00m BROWN SILTY SAND MOIST 2.00m-6.00m SILT AND SANDS MOIST	-0.19m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCREEN = Pvc	Date/time: 1994-07-22 1400 Quality: 47 WLMP: 2.06m DBNS: RWL:		1994-07-18	701	North
SP06024	Domestic & Stock	0.00m-4.00m brown silty clay 4.00m-9.00m brown silty sandy clay 9.00m-13.00m brown medium fine sand	0.00m-10.50m INNER LINING - CASING = Pvc 10.50m-13.00m INNER LINING - SCREEN = Pvc 8.00m-13.00m OUTER LINING - GRAVEL = Gravel		10.50m-13.00m Sand	2008-07-27	701	North East
SP02470	Domestic & Stock	0.00m-4.00m brown silty clay 4.00m-9.00m brown silty sandy clay 9.00m-13.00m brown med fine sand	0.30m-10.50m INNER LINING - CASING = Pvc 8.00m-13.00m OUTER LINING - GRAVEL = Gravel			2008-07-27	701	North East
42655	Groundwater Investigation, Observation			Date/time: 1988-08-16 1400 Quality: 47 WLMP: 1.13m DBNS: 0.93m RWL: 114.04 mAHd		1950-01-01	702	North East
2070	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 0.91m DBNS: 0.88m RWL: 114.13 mAHd		1950-01-01	702	North
2515	Groundwater Investigation, Observation			Date/time: 1988-08-16 1400 Quality: 47 WLMP: 3.28m DBNS: 3.13m RWL: 111.84 mAHd		1950-01-01	702	North East
44696	Observation			Date/time: 1988-08-16 1400 Quality: 47 WLMP: 2.08m DBNS: RWL:		1960-01-01	702	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
44484	Groundwater Investigation, Observation			Date/time: 2012-07-25 1200 Quality: 47 WLMP: 0.38m DBNS: 0.24m RWL: 116.42 mAHD		1950-01-01	703	North
44483	Groundwater Investigation, Observation			Date/time: 2013-06-20 1200 Quality: 47 WLMP: 4.63m DBNS: 4.37m RWL: 112.29 mAHD		1950-01-01	703	North
WRK953126	Domestic & Stock	0.00m-2.00m BROWN SILTY CLAY 2.00m-6.00m RED BROWN SILTY SANDY CLAY 6.00m-8.50m BROWN FINE SANDY CLAY 8.50m-12.50m BROWN MED COARSE SAND	0.30m-10.00m INNER LINING - CASING = Pvc 10.00m-12.50m INNER LINING - SCREEN = Pvc 7.00m-12.50m OUTER LINING - GRAVEL = Gravel		10.00m-12.50m Sand	2004-10-13	703	North East
110894	Groundwater Investigation	0.00m-1.00m RED SILTY CLAY MOIST 1.00m-2.00m BROWN SILTY SAND MOIST 2.00m-6.00m SILTS AND SANDS MOIST	-0.13m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCREEN = Pvc	Date/time: 1994-07-22 1400 Quality: 47 WLMP: 1.93m DBNS: RWL:		1994-07-18	709	North
90862	Not Known		0.00m-8.70m INNER LINING - CASING = Not Known 8.70m-10.60m INNER LINING - SCREEN = Not Known			1974-10-26	715	North
2118	Groundwater Investigation					1982-03-04	720	South East
2501	Groundwater Investigation					1950-01-01	724	North East
2116	Groundwater Investigation	0.00m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-4.00m GREY BROWN SILTY CLAY MOIST 4.00m-9.00m SILTY CLAY MOIST TO DAMP 9.00m-11.50m SAND WET 11.50m-15.00m SILTY CLAY MOIST				1982-03-09	730	South East
WRK073051	Domestic & Stock	0.00m-6.00m CLAY 6.00m-8.00m CLAY 8.00m-9.00m SAND 9.00m-12.00m SAND	0.00m-10.00m INNER LINING - CASING = Pvc Class 9 10.00m-12.00m INNER LINING - SCREEN = Pvc Class 9 1.00m-4.00m OUTER LINING - GRAVEL = Bentonite 7.00m-12.00m OUTER LINING - GRAVEL = Gravel			2013-02-12	732	East
90846	Not Known					1974-08-31	733	North East
90849	Not Known		0.00m-8.00m INNER LINING - CASING = Not Known 8.00m-13.00m INNER LINING - SCREEN = Not Known			1974-09-05	733	North East
90851	Not Known		0.00m-8.80m INNER LINING - CASING = Not Known 8.80m-12.80m INNER LINING - SCREEN = Not Known			1974-09-11	734	North East
90850	Not Known		0.00m-8.80m INNER LINING - CASING = Not Known 8.80m-12.80m INNER LINING - SCREEN = Not Known			1974-09-11	746	North East
90852	Not Known		0.00m-8.70m INNER LINING - CASING = Not Known 8.70m-13.20m INNER LINING - SCREEN = Not Known			1974-09-21	746	North East
90853	Not Known		0.00m-9.40m INNER LINING - CASING = Not Known 9.40m-12.80m INNER LINING - SCREEN = Not Known			1974-09-28	746	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
90847	Not Known		0.00m-9.70m INNER LINING - CASING = Not Known 9.70m-13.60m INNER LINING - SCREEN = Not Known			1974-09-07	746	North East
90848	Not Known		0.00m-9.00m INNER LINING - CASING = Not Known 9.00m-13.20m INNER LINING - SCREEN = Not Known			1974-09-07	747	North East
114784	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SILTY CLAY MOIST 1.50m-3.00m GREY BROWN SANDY CLAY MOIST	0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 2.53m DBNS: RWL:		1993-07-27	749	South East
WRK953355	Domestic & Stock	0.00m-0.90m RED SANDY TOP SOIL 0.90m-2.60m RED CLAY 2.60m-6.00m BROWN CLAY 6.00m-8.00m GREY CLAY 8.00m-11.50m FINE TO MED SAND	0.00m-10.00m INNER LINING - CASING = Pvc 10.00m-11.50m INNER LINING - SLOT = Pvc 4.00m-6.00m OUTER LINING - GRAVEL = Bentonite 6.00m-11.50m OUTER LINING - GRAVEL = Gravel		10.00m-11.50m Sand	2005-04-05	756	North East
WRK011510	Domestic & Stock	0.00m-1.00m BROWN MED HEAVY CLAY 1.00m-7.00m BROWN SILTY CLAY 7.00m-10.00m BROWN SILTY SANDY CLAY 10.00m-12.00m GREY/ BROWN MED/COARSE SAND	0.00m-10.00m INNER LINING - CASING = Pvc 10.00m-12.00m INNER LINING - SCREEN = Pvc 8.00m-12.00m OUTER LINING - GRAVEL = Gravel		10.00m-12.00m Sand	2006-08-30	759	North East
115568	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SILTY CLAY MOIST 1.50m-3.00m GREY BROWN SANDY CLAY MOIST 3.00m-10.50m BROWN SILTY CLAY MOIST 10.50m-11.00m FINE TO MEDIUM SAND WET 11.00m-12.00m COARSE SAND WET 12.00m-12.50m SILTY CLAY MOIST	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 3.08m DBNS: RWL:		1993-07-14	774	South East
42513	Groundwater Investigation	9.00m-11.00m YELLOW BROWN MED FINE SAND				1982-03-24	776	South East
2505	Groundwater Investigation					1950-01-01	779	North East
42516	Groundwater Investigation	9.00m-12.00m GREY BROWN MED COARSE SAND		Date/time: 1987-08-17 1400 Quality: 47 WLMP: 2.70m DBNS: RWL:		1982-03-04	782	South East
90902	Groundwater Investigation					1950-01-01	782	South East
90903	Groundwater Investigation	9.00m-12.00m YELLOW BROWN COARSE SAND				1982-04-14	782	South East
22009	Observation	0.00m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-2.00m LIGHT BROWN SILTY CLAY WET 2.00m-4.50m LIGHT BROWN CLAYEY SAND WET 4.50m-5.50m BROWN CLAY WET		Date/time: 1995-08-30 0000 Quality: 47 WLMP: 2.00m DBNS: RWL:		1990-05-25	785	East
115569	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SANDY CLAY MOIST 1.50m-3.00m GREY BROWN SANDY CLAY MOIST 3.00m-8.00m BROWN SILTY CLAY MOIST 8.00m-8.50m FINE SAND WET 8.50m-11.00m MEDIUM SAND WET 11.00m-12.00m COARSE SAND WET 12.00m-12.50m SILTY CLAY MOIST	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-07-16 1400 Quality: 47 WLMP: 3.00m DBNS: RWL:		1993-07-14	786	South East



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
115570	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SANDY CLAY MOIST 1.50m-3.00m GREY BROWN SANDY CLAY MOIST 3.00m-8.00m BROWN SILTY CLAY MOIST 8.00m-12.00m SAND WET	0.00m-7.40m INNER LINING - CASING = Pvc 7.40m-11.90m INNER LINING - SCREEN = Pvc			1993-07-16	786	South East
114781	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.00m RED BROWN SANDY CLAY MOIST 1.00m-2.00m BROWN SANDY CLAY MOIST 2.00m-9.50m GREY BROWN SILTY CLAY MOIST 9.50m-10.50m GINE SAND WET 10.50m-11.50m MEDIUM SAND WET 11.50m-12.00m SILTY CLAY MOIST	0.00m-9.00m INNER LINING - CASING = Pvc 9.00m-12.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 3.03m DBNS: RWL:		1993-07-29	791	South East
114782	Groundwater Investigation, Observation	0.00m-3.00m REFER TO DRILLERS LOG NUMBERED	0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 3.00m DBNS: RWL:		1993-07-28	791	South East
WRK953774	Domestic & Stock	0.00m-1.00m RED CLAY 1.00m-5.00m BROWN CLAY 5.00m-10.00m BROWN GREY CLAY 10.00m-11.80m SAND	9.80m-11.80m INNER LINING - SCREEN = Pvc 0.00m-11.80m OUTER LINING - GRAVEL = Gravel		9.80m-11.80m Sand	2005-05-17	795	North East
2984	Observation			Date/time: 1995-08-30 0000 Quality: 47 WLMP: 1.00m DBNS: RWL:		1989-03-17	800	South East
125913	Groundwater Investigation	0.00m-0.50m DARK BROWN SANDY TOP SOIL 0.50m-1.00m BROWN SILTY CLAY 1.00m-3.00m GREY & BROWN SANDY CLAY 3.00m-7.50m BROWN SILTY CLAY 7.50m-9.50m MEDIUM TO COARSE SAND 9.50m-10.00m SILTY CLAY	-0.20m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 4.55m DBNS: RWL:		1995-09-13	807	South
115567	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-2.50m LIGHT BROWN GREY SILTY CLAY MOIST 2.50m-9.50m BROWN SILTY CLAY MOIST 9.50m-10.50m FINE SAND WET 10.50m-12.00m MEDIUM SAND WET 12.00m-12.50m SILTY CLAY MOIST	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-07-16 1400 Quality: 47 WLMP: 3.03m DBNS: RWL:		1993-07-15	809	South East
2502	Groundwater Investigation					1950-01-01	814	North East
115004	Groundwater Investigation	0.00m-3.00m REFER TO DRILLERS LOG NUMBERED	0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 1.19m DBNS: RWL:		1993-07-27	822	South East
115003	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN FINE SANDY CLAY MOIST 0.50m-1.00m BROWN FINE SANDY CLAY MOIST 1.00m-9.00m BROWN SILTY CLAY MOIST 9.00m-10.50m MEDIUM SAND WET 10.50m-12.00m COARSE SAND WET 12.00m-12.50m SILTY CLAY MOIST	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 2.95m DBNS: RWL:		1993-07-27	822	South East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2513	Groundwater Investigation	0.00m-0.50m BROWN S/CLAY DRY 0.50m-1.50m BROWN S/CLAY MOIST 1.50m-3.00m GREY S/CLAY WITH YELLOWEY BROWN (INC) MOIST 3.00m-3.50m BROWN S/CLAY MOIST 3.50m-4.50m YELLOWEY BROWN S/CLAY WITH GREY (INC) WET 4.50m-5.00m YELLOWEY BROWN S/CLAY WITH BLACK (INC) WET 5.00m-9.50m YELLOWEY BROWN S/CLAY WITH GREY (INC) WET 9.50m-14.00m GREYISH BROWN SAND MEDIUM WET 14.00m-16.00m GREY S/CLAY MOIST				1977-03-07	830	North East
42654	Groundwater Investigation					1950-01-01	830	North East
2117	Groundwater Investigation	0.00m-1.00m YELLOW BROWN SILTY CLAY MOIST 1.00m-2.50m BROWN SANDY CLAY MOIST 2.50m-4.00m RED BROWN SILTY CLAY MOIST 4.00m-9.00m SILTY AND SANDY CLAY MOIST TO DAMP 9.00m-12.00m SAND WET 12.00m-15.00m SILTY CLAY MOIST				1982-03-09	833	South East
2819	Observation	0.00m-2.00m GREY BROWN CLAY MOIST 2.00m-5.00m BROWN CLAY MOIST 5.00m-7.50m LIGHT BROWN SILTY CLAY MOIST 7.50m-11.50m LIGHT BROWN SILTY CLAY WET 11.50m-15.00m BROWN CLAY WET		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 7.10m DBNS: 7.10m RWL: 109.85 mAHd		1990-05-22	833	East
2817	Observation	0.00m-1.00m BROWN SANDY CLAY MOIST 1.00m-1.50m GREY BROWN SANDY CLAY MOIST 1.50m-2.50m BROWN CLAYEY SAND WET 2.50m-5.50m BROWN/YELLOW, WHITE COARSE SAND WET		Date/time: 1996-08-14 0000 Quality: 47 WLMP: 2.54m DBNS: RWL:		1990-05-25	845	East
90863	Not Known		0.00m-8.80m INNER LINING - CASING = Not Known 8.80m-12.80m INNER LINING - SCREEN = Not Known			1974-10-26	860	North
WRK959031	Domestic & Stock	0.00m-2.00m BROWN SILTY CLAY 2.00m-10.00m BROWN SILTY SANDY CLAY 10.00m-12.00m BROWN MED COARSE SAND	0.30m-10.00m INNER LINING - CASING = Pvc 8.00m-12.00m OUTER LINING - GRAVEL = Gravel		10.00m-12.00m Sand	2008-01-07	862	North East
120143	Domestic & Stock, Dewatering					1800-01-01	865	East
126511	Groundwater Investigation	0.00m-4.00m BROWN CLAY 4.00m-10.00m BROWN SILTY CLAY 10.00m-12.00m MEDIUM SAND 12.00m-12.50m GREY CLAY	-0.30m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 3.91m DBNS: RWL:		2000-05-03	867	South East
WRK006985	Dewatering	0.00m-1.20m RED CLAY 1.20m-10.00m SANDY CLAY 10.00m-12.00m SAND	0.00m-10.00m INNER LINING - CASING = Pvc 10.00m-12.00m INNER LINING - SCREEN = Screened Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel			1994-07-17	879	South East
2818	Observation	0.00m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-2.00m BROWN SANDY CLAY MOIST 2.00m-5.00m GREY BROWN CLAY MOIST 5.00m-7.00m GREY SILTY CLAY MOIST 7.00m-10.00m GREY BROWN SANDY CLAY MOIST 10.00m-11.50m GREY BROWN GRITTY CLAY MOIST		Date/time: 2002-08-29 1500 Quality: 47 WLMP: 7.95m DBNS: RWL:		1990-05-22	894	East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2115	Groundwater Investigation	0.00m-1.50m BROWN SILTY CLAY MOIST 1.50m-2.50m YELLOW BROWN SILTY CLAY MOIST 2.50m-9.50m YELLOW BROWN SANDY CLAY MOIST TO DAMP 9.50m-12.00m SAND WET 12.00m-15.00m SILTY CLAY MOIST				1982-03-05	896	South East
42511	Groundwater Investigation	9.00m-10.50m YELLOW BROWN FINE SAND				1982-04-08	896	South East
42512	Groundwater Investigation	9.00m-12.00m YELLOW BROWN MED FINE SAND]				1982-04-26	896	South East
132146	Domestic	0.00m-1.00m BROWN SILTY CLAY 1.00m-2.00m RED BROWN CLAY 2.00m-3.00m BROWN SILTY CLAY 3.00m-7.00m LIGHT BROWN CLAY 7.00m-12.50m SAND	-0.20m-10.50m INNER LINING - CASING = Pvc 10.50m-12.50m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel		10.50m-12.50m Sand	1997-10-03	903	North East
140475	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-4.00m BROWN CLAY	-0.30m-1.00m INNER LINING - CASING = Pvc 1.00m-4.00m INNER LINING - SCREEN = Pvc 1.00m-4.00m OUTER LINING - GRAVEL = Gravel	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 4.00m DBNS: RWL:	1.00m-4.00m Clay	2000-08-02	911	South East
2944	Groundwater Investigation	0.00m-1.00m BROWN SILTY CLAY DRY 1.00m-4.00m BROWN SILTY CLAY MOIST 4.00m-9.00m SILTY CLAY MOIST 9.00m-10.00m SILTY CLAY WET 10.00m-11.00m SAND WATER 11.00m-11.50m SILTY CLAY WET				1986-11-17	911	West
140474	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-5.50m BROWN CLAY 5.50m-7.50m BROWN SILTY CLAY 7.50m-9.00m MEDIUM SAND 9.00m-10.00m BROWN CLAY	-0.30m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 3.96m DBNS: RWL:		2000-08-02	911	South East
140471	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-4.00m BROWN CLAY	-0.30m-1.00m INNER LINING - CASING = Pvc 1.00m-4.00m INNER LINING - SCREEN = Pvc 1.00m-4.00m OUTER LINING - GRAVEL = Gravel	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 4.00m DBNS: RWL:	1.00m-4.00m Clay	2000-08-02	915	South East
140470	Groundwater Investigation	0.00m-0.50m BROWN CLAYEY TOPSOIL 0.50m-4.00m BROWN CLAY 4.00m-7.00m BROWN SILTY CLAY 7.00m-7.50m MEDIUM SAND 7.50m-9.50m BROWN SILTY CLAY 9.50m-14.00m MEDIUM SAND 14.00m-14.50m BROWN CLAY	-0.30m-11.50m INNER LINING - CASING = Pvc 11.50m-14.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 4.23m DBNS: RWL:		2000-08-02	915	South East
132143	Domestic	0.00m-1.00m BROWN SANDY CLAY 1.00m-2.00m RED BROWN CLAY 2.00m-3.00m BROWN SILTY CLAY 3.00m-7.00m LIGHT BROWN CLAY 7.00m-12.50m SAND	-0.20m-10.50m INNER LINING - CASING = Pvc 10.50m-12.50m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel		10.50m-12.50m Sand	1997-10-03	930	North East
137084	Groundwater Investigation	0.00m-1.50m REDY BROWN CLAY 1.50m-4.00m GREY BROWN CLAY 4.00m-9.50m BROWN CLAY 9.50m-13.50m SAND MEDIUM COARSE 13.50m-14.00m GREY CLAY	-0.25m-9.50m INNER LINING - CASING = Pvc 9.50m-14.00m INNER LINING - SCREEN = Pvc	Date/time: 1999-04-30 1400 Quality: 47 WLMP: 3.38m DBNS: RWL:	9.50m-14.00m Sand	1999-04-29	932	North
44487	Groundwater Investigation, Observation			Date/time: 2013-06-20 1200 Quality: 47 WLMP: 3.98m DBNS: 3.72m RWL: 112.87 mAHD		1950-01-01	935	North

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
44488	Groundwater Investigation, Observation			Date/time: 1985-08-15 0000 Quality: 47 WLMP: DBNS: RWL:		1950-01-01	935	North
135661	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-2.50m MEDIUM SAND 2.50m-10.00m BROWN SILTY CLAY 10.00m-13.00m MEDIUM SAND 13.00m-13.50m BROWN SILTY CLAY	-0.25m-10.50m INNER LINING - CASING = Pvc Class 9 10.50m-13.50m INNER LINING - SCREEN = Pvc Class 9	Date/time: 1998-12-09 1400 Quality: 47 WLMP: 3.02m DBNS: RWL:	10.50m-13.50m Sand	1998-12-07	937	North
2945	Groundwater Investigation	0.00m-1.50m BROWN SILTY CLAY MOIST 1.50m-4.00m BROWN SILTY SAND MOIST 4.00m-12.00m SILTY SAND MOIST 12.00m-14.50m SILTY CLAY WET				1986-11-19	938	West
132145	Domestic	0.00m-1.00m BROWN SILTY CLAY 1.00m-4.00m RED BROWN CLAY 4.00m-6.00m LIGHT BROWN CLAY 6.00m-12.60m BROWN CLAY SILTY SAND	-0.20m-10.60m INNER LINING - CASING = Pvc 10.60m-12.60m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel		10.60m-12.60m Sand	1997-10-02	941	North East
2074	Groundwater Investigation, Observation			Date/time: 1959-04-08 0000 Quality: 47 WLMP: 1.35m DBNS: 1.32m RWL: 113.37 mAHD		1950-01-01	948	North
2941	Groundwater Investigation	0.00m-6.00m SILTY CLAY MOIST 6.00m-28.00m SILTY CLAY WET		Date/time: 2000-10-02 0000 Quality: 47 WLMP: 1.77m DBNS: RWL:		1986-10-30	949	West
115563	Groundwater Investigation	0.00m-1.00m RED BROWN CLAY MOIST 1.00m-4.00m BROWN SILTY CLAY MOIST 4.00m-7.50m LIGHT BROWN SILTY CLAY MOIST 7.50m-9.50m COARSE CLAYEY SAND WET 9.50m-10.50m GREY AND BROWN CLAY MOIST	0.00m-6.58m INNER LINING - CASING = Pvc 6.58m-10.50m INNER LINING - SCREEN = Pvc 10.00m-10.50m OUTER LINING - GRAVEL = Gravel			1993-06-29	953	East
42590	Groundwater Investigation, Observation			Date/time: 1995-08-29 0000 Quality: 47 WLMP: 1.13m DBNS: 0.95m RWL: 114.16 mAHD		1976-09-30	961	South
2286	Groundwater Investigation, Observation	0.00m-1.00m BR ZC DRY 1.00m-2.00m BR ZC MOIST 2.00m-5.00m BR SZC MOIST 5.00m-8.00m GRY BR ZC MOIST 8.00m-10.00m BR ZS MED WET 10.00m-10.50m BR GRY ZC MOIST 10.50m-11.50m GRY ZC MOIST 11.50m-12.50m GRY BR ZC MOIST 12.50m-16.50m BR GRY ZC MOIST 16.50m-18.50m GRY BR ZC WET 18.50m-19.50m GRY BR SZC WET 19.50m-20.00m BR GRY ZC MOIST		Date/time: 1995-08-29 0000 Quality: 47 WLMP: 1.50m DBNS: 1.25m RWL: 113.86 mAHD		1976-09-30	961	South

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
112977	Groundwater Investigation	0.00m-0.50m RED BROWN SANDY CLAY MOIST 0.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-2.50m BROWN SILTY CLAY WET 2.50m-3.50m GRYE CLAY MOIST 3.50m-8.00m ORANGEY BROWN AND GREY CLAY MOIST 8.00m-11.00m GREY BROWN SANDY CLAY WET 11.00m-12.00m GREY CLAY MOIST	0.00m-11.60m INNER LINING - SCREEN = Not Known 0.00m-11.60m OUTER LINING - GRAVEL = Gravel			1992-12-17	963	East
112976	Groundwater Investigation	0.00m-0.50m BROWN SANDY CLAY MOIST 0.50m-1.50m BROWN SILTY CLAY MOIST 1.50m-2.50m GREY CLAY MOIST 2.50m-5.00m BROWN CLAY MOIST 5.00m-6.00m BROWN SILTY CLAY MOIST 6.00m-8.00m BROWN AND GREY CLAY MOIST 8.00m-10.00m LIGHT BROWN SAND CLAY WET 10.00m-12.00m GREY BROWN GRITTY CLAY MOIST	0.00m-12.00m INNER LINING - SCREEN = Not Known 0.00m-12.00m OUTER LINING - GRAVEL = Gravel			1992-12-17	963	East
22005	Observation	0.00m-1.00m BROWN SANDY CLAY MOIST 1.00m-2.50m GREY BROWN SILTY CLAY MOIST 2.50m-3.00m GREY BROWN SILTY CLAY WET 3.00m-5.50m GRET CLAY WET		Date/time: 1999-08-18 0000 Quality: 47 WLMP: 1.93m DBNS: RWL:		1990-05-29	964	East
137082	Groundwater Investigation	0.00m-1.50m SANDY TOP SOIL 1.50m-10.00m BROWN CLAY	-0.25m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1999-04-30 1400 Quality: 47 WLMP: 3.90m DBNS: RWL:	7.00m-10.00m Clay	1999-04-26	965	North
2075	Groundwater Investigation, Observation			Date/time: 1959-01-28 0000 Quality: 47 WLMP: 0.99m DBNS: 0.98m RWL: 114.65 mAHD		1950-01-01	974	North East
140473	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-2.50m BROWN SANDY CLAY AND GRAVEL 2.50m-4.00m BROWN CLAY	-0.30m-1.00m INNER LINING - CASING = Pvc 1.00m-4.00m INNER LINING - SCREEN = Pvc 1.00m-4.00m OUTER LINING - GRAVEL = Gravel	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 4.00m DBNS: RWL:	1.00m-4.00m Clay	2000-08-03	974	South East
140472	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-2.50m BROWN SANDY CLAY AND GRAVEL 2.50m-4.00m BROWN CLAY 4.00m-10.00m BROWN SILTY CLAY 10.00m-11.00m MEDIUM SAND 11.00m-12.00m BROWN CLAY	-0.30m-9.00m INNER LINING - CASING = Pvc 9.00m-12.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 4.14m DBNS: RWL:		2000-08-03	974	South East
137083	Groundwater Investigation	0.00m-1.50m RED BROWN TOP SOIL 1.50m-2.50m GREY CLAY 2.50m-4.00m FINE SANDY CLAY 4.00m-9.50m BROWN CLAY 9.50m-12.00m SAND MEDIUM COARSE 12.00m-12.50m BROWN CLAY	-0.25m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1999-04-30 1400 Quality: 47 WLMP: 3.42m DBNS: RWL:	9.50m-12.50m Sand	1999-04-26	982	North
137087	Groundwater Investigation	0.00m-1.50m BROWN CLAY MOIST 1.50m-3.00m MEDIUM CLAYEY SAND MOIST 3.00m-9.50m BROWN SILTY CLAY WET 9.50m-12.50m COARSE SAND WET	-0.20m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc 6.50m-12.50m OUTER LINING - GRAVEL = Gravel		9.50m-12.50m Sand	1999-06-10	983	North



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
SP02779	Domestic & Stock	0.00m-4.00m brown silty clay 4.00m-7.00m brown silty sandy clay 7.00m-9.00m brown fine clay sand 9.00m-12.00m brown med fine sand 12.00m-12.50m grey med coarse	0.30m-10.00m INNER LINING - CASING = Pvc 7.00m-12.50m OUTER LINING - GRAVEL = Gravel			2008-09-18	986	North East
WRK014326	Domestic & Stock	0.00m-4.00m Brown Silty Clay 4.00m-7.00m Brown Silty Sandy Clay 7.00m-9.00m Brown Fine Sand 9.00m-12.00m Brown Medium Fine Sand 12.00m-12.50m Medium Coarse Clayey Sand	0.00m-10.00m INNER LINING - CASING = Pvc 10.00m-12.50m INNER LINING - SCREEN = Pvc		10.00m-12.50m Sand	2008-09-18	986	North East
135663	Groundwater Investigation	0.00m-1.50m BROWN CLAY 1.50m-2.00m BROWN CLAYEY SAND 2.00m-9.50m BROWN SILTY CLAY 9.50m-13.50m MEDIUM SAND 13.50m-14.00m BROWN SILTY CLAY	-0.25m-11.00m INNER LINING - CASING = Pvc Class 9 11.00m-14.00m INNER LINING - SCREEN = Pvc Class 9	Date/time: 1998-12-09 1400 Quality: 47 WLMP: 3.59m DBNS: RWL:	11.00m-14.00m Sand	1998-12-07	993	North
137086	Groundwater Investigation	0.00m-2.50m BROWN CLAYEY SAND MOIST 2.50m-7.00m BROWN CLAY MOIST 7.00m-9.00m BROWN SILTY CLAY WET 9.00m-14.00m MEDIUM TO COARSE SAND WET	-0.20m-9.50m INNER LINING - CASING = Pvc 9.50m-14.00m INNER LINING - SCREEN = Pvc 6.00m-14.00m OUTER LINING - GRAVEL = Gravel		9.50m-14.00m Sand	1999-06-09	995	North
42606	Groundwater Investigation, Observation			Date/time: 2011-08-17 1200 Quality: 47 WLMP: 1.86m DBNS: 1.76m RWL: 113.28 mAHD		1976-06-21	995	East
2356	Groundwater Investigation, Observation	0.50m-1.50m BROWN CLAY 2.00m-2.50m YELLOW BROWN CLAY 2.50m-3.00m GREY BROWN CLAY 4.00m-6.00m YELLOW BROWN CLAY 6.50m-8.50m GREY YELLOW CLAY 9.00m-10.00m BROWN GREY S/C 10.50m-12.00m BROWN GREY CLAY 12.50m-13.00m BROWN GREY CLAY 13.00m-13.50m YELLOW GREY CLAY 14.00m-14.50m YELLOW GREY S/C 14.50m-15.00m GREY S/C 15.00m-17.00m BROWN GREY S/C 17.50m-18.00m BROWN GREY CLAY GRAVELS 18.00m-22.00m BROWN GREY S/C 22.50m-23.50m GREY BROWN CLAY 24.00m-25.00m GREY BROWN S/C		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 3.63m DBNS: 3.50m RWL: 114.00 mAHD		1976-06-21	995	East
126510	Groundwater Investigation	0.00m-3.00m BROWN CLAY 3.00m-7.00m BROWN SILTY CLAY 7.00m-12.00m BROWN CLAY AND GRAVEL 12.00m-16.00m BROWN CLAY	-0.30m-12.00m INNER LINING - CASING = Pvc 12.00m-16.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 6.35m DBNS: RWL:		2000-05-03	1001	South East
137085	Groundwater Investigation	0.00m-1.50m REDDY SANDY CLAY 1.50m-9.50m BROWN CLAY 9.50m-11.00m FINE SAND 11.00m-11.50m BROWN CLAY	-0.25m-8.50m INNER LINING - CASING = Pvc 8.50m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 1999-05-04 1500 Quality: 47 WLMP: 8.09m DBNS: RWL:	8.50m-11.50m Sand	1999-05-04	1008	North
2946	Groundwater Investigation	0.00m-1.00m GREY SILTY CLAY DRY 1.00m-4.00m BROWN SILTY CLAY MOIST 4.00m-9.50m SILTY CLAY MOIST 9.50m-12.50m SILTY CLAY WET 12.50m-14.00m SAND WATER 14.00m-14.50m SILTY CLAY WET				1986-11-18	1018	West
135662	Groundwater Investigation	0.00m-1.50m BROWN CLAYEY SAND 1.50m-3.00m BROWN CLAY 3.00m-9.00m BROWN SILTY CLAY 9.00m-13.00m MEDIUM SAND 13.00m-13.50m BROWN CLAY	-0.25m-10.50m INNER LINING - CASING = Pvc Class 9 10.50m-13.50m INNER LINING - SCREEN = Pvc Class 9	Date/time: 1998-12-09 1400 Quality: 47 WLMP: 3.32m DBNS: RWL:	10.50m-13.50m Sand	1998-12-04	1029	North

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
139186	Groundwater Investigation	0.00m-1.00m BROWN SANDY CLAY 1.00m-2.00m BROWN SILTY CLAY 2.00m-3.00m MEDIUM SAND 3.00m-4.00m BROWN CLAY 4.00m-11.00m BROWN SILTY CLAY 11.00m-12.00m FINE SAND 12.00m-13.00m GREY SANDY CLAY	-0.30m-10.00m INNER LINING - CASING = Pvc 10.00m-13.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-29 1400 Quality: 47 WLMP: 3.30m DBNS: RWL:		2000-04-28	1030	North
WRK007041	Irrigation	0.00m-6.00m BROWN SILTY CLAY 6.00m-8.00m BROWN SANDY CLAY 8.00m-11.70m SAND	0.20m-9.70m INNER LINING - CASING = Pvc 9.70m-11.70m INNER LINING - SCREEN = Slotted Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel			1995-01-23	1041	North East
126509	Groundwater Investigation	0.00m-1.00m BROWN CLAY 1.00m-3.50m GREY CLAY 3.50m-4.50m BROWN SILTY CLAY 4.50m-7.00m BROWN CLAY 7.00m-9.00m BROWN SILTY CLAY 9.00m-10.00m MEDIUM SAND 10.00m-11.00m GREY CLAY	-0.30m-8.00m INNER LINING - CASING = Pvc 8.00m-11.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 3.61m DBNS: RWL:		2000-05-03	1055	South East
139188	Groundwater Investigation	0.00m-1.00m BROWN SANDY CLAY 1.00m-2.50m BROWN SILTY CLAY 2.50m-4.00m BROWN CLAY 4.00m-9.00m BROWN SILTY CLAY 9.00m-12.00m MEDIUM SAND 12.00m-12.50m GREY CLAY	-0.30m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-29 1400 Quality: 47 WLMP: 3.40m DBNS: RWL:		2000-04-27	1057	North
135664	Groundwater Investigation	0.00m-2.50m BROWN CLAY 2.50m-9.50m BROWN SILTY CLAY 9.50m-11.00m MEDIUM SAND 11.00m-11.50m BROWN SILTY CLAY	-0.25m-8.50m INNER LINING - CASING = Pvc Class 9 8.50m-11.50m INNER LINING - SCREEN = Pvc Class 9	Date/time: 1998-12-09 1400 Quality: 47 WLMP: 3.05m DBNS: RWL:	8.50m-11.50m Sand	1998-12-07	1072	North
116045	Groundwater Investigation	0.00m-0.50m RED BROWN CLAYEY SILT MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-9.00m GREY BROWN SILTY MOIST 9.00m-9.50m MEDIUM SAND WET 9.50m-12.00m SILTY CLAY MOIST	0.00m-9.00m INNER LINING - CASING = Pvc 9.00m-12.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-09-01 1400 Quality: 47 WLMP: 3.12m DBNS: RWL:		1993-08-31	1100	South East
139702	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-2.00m RED BROWN CLAY 2.00m-4.00m BROWN CLAY	-0.30m-2.00m INNER LINING - CASING = Pvc 2.00m-4.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-06-19 1400 Quality: 47 WLMP: 3.60m DBNS: RWL:		2000-06-16	1108	North
90930	Miscellaneous		0.00m-0.60m INNER LINING - CASING = Not Known 0.60m-10.05m INNER LINING - SCREEN = Not Known			1975-01-10	1125	East
2820	Observation	0.00m-0.50m BROWN SANDY CLAY MOIST 0.50m-1.50m BROWN CLAY MOIST 1.50m-4.50m LIGHT BROWN CLAY MOIST 4.50m-6.00m LIGHT BROWN GRITTY SILTY CLAY MOIST 6.00m-9.50m LIGHT GREY BROWN SILTY CLAY WET 9.50m-13.00m GREY CLAY WET 13.00m-15.00m BROWN AND GREY CLAY WET		Date/time: 2005-09-02 1200 Quality: 47 WLMP: 4.10m DBNS: RWL:		1990-05-21	1132	East
139189	Groundwater Investigation	0.00m-1.00m BROWN SANDY CLAY 1.00m-2.50m BROWN SILTY CLAY 2.50m-4.00m BROWN CLAY 4.00m-9.00m BROWN SILTY CLAY 9.00m-12.00m MEDIUM SAND 12.00m-12.50m BROWN CLAY	-0.30m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-29 1400 Quality: 47 WLMP: 3.57m DBNS: RWL:		2000-04-27	1140	North

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
139700	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-1.50m RED BROWN CLAY 1.50m-4.00m BROWN CLAY	-0.30m-2.00m INNER LINING - CASING = Pvc 2.00m-4.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-06-19 1400 Quality: 47 WLMP: 3.54m DBNS: RWL:		2000-06-16	1142	North
90864	Not Known		0.00m-9.80m INNER LINING - CASING = Not Known 9.80m-12.70m INNER LINING - SCREEN = Not Known			1974-11-02	1142	North
22175	Groundwater Investigation, Observation	0.00m-1.00m RED BROWN CLAY MOIST 1.00m-1.50m RED BROWN SANDY CLAY WET 1.50m-2.00m BROWN COARSE SAND WET 2.00m-8.00m BROWN AND GREY CLAY WET 8.00m-10.50m ORANGEY BROWN AND WHITE MEDIUM SAND WET 10.50m-11.50m GREY CLAY WET	0.00m-8.00m INNER LINING - CASING = Pvc 8.00m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 1991-12-20 1400 Quality: 47 WLMP: 2.02m DBNS: RWL:		1991-12-17	1143	North
22174	Groundwater Investigation, Observation	0.00m-1.00m RED BROWN SANDY CLAY MOIST 1.00m-2.00m BROWN SANDY CLAY MOIST 2.00m-2.50m BROWN AND WHITE AND BLACK COARSE SAND WET 2.50m-9.50m BROWN AND GREY CLAY WET 9.50m-13.00m ORANGEY BROWN AND WHITE MEDIUM COARSE SAND WET 13.00m-14.00m GREY CLAY WET	0.00m-10.00m INNER LINING - CASING = Pvc 10.00m-14.00m INNER LINING - SCREEN = Pvc	Date/time: 1991-12-20 1400 Quality: 47 WLMP: 2.25m DBNS: RWL:		1991-12-16	1144	North
2051	Groundwater Investigation	0.50m-1.00m RED BROWN SILTY CLAY DRY 1.00m-1.50m BROWN SILTY CLAY DRY 2.00m-5.50m BROWN SILTY CLAY WITH GRAVELS DAMP 5.50m-6.00m BROWN SILTY CLAY DAMP 6.50m-7.50m YELLOW BROWN SILTY CLAY DAMP 8.00m-9.00m YELLOW BROWN SILTY CLAY WITH GREY WET 9.50m-11.50m BROWN MEDIUM SAND WATER 11.50m-12.00m YELLOW BROWN SILTY CLAY WITH GREY WET 12.00m-13.00m GREY SILTY CLAY 13.00m-13.50m YELLOW BROWN SANDY CLAY WITH GREY DAMP 14.00m-16.00m GREY SILTY CLAY WITH BROWN DAMP 16.50m-20.00m BROWN SILTY CLAY WITH GREY DAMP		Date/time: 1999-03-05 1400 Quality: 47 WLMP: 5.18m DBNS: RWL:		1978-04-27	1145	East
110479	Groundwater Investigation	10.50m-12.50m LIGHT BROWN FINE TO MEDIUM SANDS	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc 2.00m-12.50m OUTER LINING - GRAVEL = Gravel			1992-03-26	1145	North
139187	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-7.00m BROWN SILTY CLAY 7.00m-10.00m BROWN CLAY AND GRAVEL 10.00m-14.00m BROWN SILTY CLAY 14.00m-18.00m BROWN GREY CLAY 18.00m-20.00m BROWN GREY SANDY CLAY	-0.30m-17.00m INNER LINING - CASING = Pvc 17.00m-20.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-29 1400 Quality: 47 WLMP: 5.72m DBNS: RWL:		2000-04-26	1146	North
2359	Groundwater Investigation	0.50m-1.00m BROWN S/C 1.50m-2.00m GREY BROWN CLAY 2.00m-2.50m GREY CLAY 3.00m-3.50m GREY BROWN CLAY 4.00m-4.50m BROWN GREY CLAY 4.50m-5.00m BROWN CLAY 5.50m-6.00m YELLOW BROWN CLAY 6.00m-7.00m GREY BROWN CLAY 7.50m-8.00m BROWN CLAY 8.00m-8.50m BROWN S/C 9.00m-10.00m GREY BROWN S/C 10.00m-11.00m GREY YELLOW S/C 11.50m-13.00m BROWN GREY CLAY 14.00m-15.50m GREY YELLOW S/C 16.00m-23.00m BROWN GREY CLAY 23.50m-24.00m RED BROWN S/C 24.50m-25.00m BROWN YELLOW S/C				1976-06-21	1154	East
42608	Groundwater Investigation					1950-01-01	1154	East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
WRK015871	Domestic & Stock	0.00m-2.00m BROWN SILTY CLAY 2.00m-6.00m BROWN SILTY SAND CLAY 6.00m-8.00m BROWN FINE SANDY CLAY 8.00m-12.00m BROWN MED FINE SAND 12.00m-12.50m BROWN & GREY SILTY CLAY	0.30m-10.00m INNER LINING - CASING = Pvc 10.00m-12.50m INNER LINING - SCREEN = Pvc 7.00m-12.50m OUTER LINING - GRAVEL = Gravel		10.00m-12.50m Sand	2008-12-08	1160	East
139701	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-1.50m RED BROWN CLAY 1.50m-4.00m BROWN CLAY	-0.30m-2.00m INNER LINING - CASING = Pvc 2.00m-4.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-06-19 1400 Quality: 47 WLMP: 4.00m DBNS: RWL:		2000-06-16	1164	North
2076	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 1.17m DBNS: 1.20m RWL: 114.84 mAHD		1950-01-01	1178	North East
22176	Groundwater Investigation, Observation	0.00m-1.00m RED BROWN CLAY DRY 1.00m-1.50m RED BROWN CLAYEY SAND DRY 1.50m-2.00m RED BROWN BROWN CLAYEY SAND WET 2.00m-5.00m GREY BROWN CLAY WET 5.00m-7.50m BROWN COARSE SAND WET 7.50m-8.00m GREY BROWN SANDY CLAY WET	0.00m-5.00m INNER LINING - CASING = Pvc 5.00m-8.00m INNER LINING - SCREEN = Pvc	Date/time: 1991-12-20 1400 Quality: 47 WLMP: 1.84m DBNS: RWL:		1991-12-13	1181	North
90957	Domestic	0.00m-4.52m CLAY 4.52m-5.74m SAND	0.00m-4.52m INNER LINING - CASING = Pvc 4.52m-5.74m INNER LINING - SCREEN = Pvc		4.52m-5.74m Sand	1986-03-07	1184	North West
2459	Groundwater Investigation	0.00m-0.50m BROWN SAND MOIST 0.50m-1.00m RED BROWN SAND MOIST TO DAMP 1.00m-1.50m YELLOW BROWN SAND WET 1.50m-2.00m YELLOW BROWN CLAYEY SAND GREY INCLU MOIST 2.00m-4.00m BROWN SILTY CLAY GREY INCLU MOIST 4.00m-15.00m SILTY AND SANDY CLAY MOIST TO DAMP				1982-03-25	1189	North East
90962	Not Known	0.00m-2.50m BROWN SILTY CLAY 2.50m-4.50m BROWN SANDY CLAY 4.50m-8.50m GREY & BROWN SILTY CLAY 8.50m-9.50m GREY & BROWN SILTY SANDY CLAY 9.50m-11.50m GREY BROWN SILTY CLAY - ABANDONED				1987-11-28	1191	South East
2357	Groundwater Investigation, Observation	0.50m-1.00m BROWN CLAY 1.50m-2.00m RED CLAY 2.50m-9.00m BROWN CLAY 9.50m-14.00m GREY BROWN CLAY GRAVELS 14.50m-18.50m GREY BROWN S/C 19.00m-20.00m GREY BROWN CLAY 20.50m-21.00m GREY BROWN S/C 21.00m-21.50m GREY BROWN CLAY 22.00m-24.00m GREY BROWN S/C 24.50m-25.00m BROWN GRAVELLY CLAY		Date/time: 2013-06-18 1200 Quality: 47 WLMP: 7.94m DBNS: 7.81m RWL: 110.15 mAHD		1976-06-10	1199	East
42607	Groundwater Investigation, Observation			Date/time: 2012-11-22 1200 Quality: 47 WLMP: 1.39m DBNS: 1.31m RWL: 116.65 mAHD		1976-06-10	1199	East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2126	Groundwater Investigation	0.00m-1.00m BR ZSC WET 1.00m-1.50m BR GRY SZC WET 1.50m-2.50m BR GRY SZC MOIST 2.50m-5.00m GRY BR SZC MOIST 5.00m-7.00m GRY BR ZC MOIST				1976-10-27	1220	East
139190	Groundwater Investigation	0.00m-1.00m BROWN SANDY CLAY AND GRAVEL 1.00m-6.00m BROWN SILTY CLAY 6.00m-7.00m BROWN CLAY 7.00m-9.50m BROWN SILTY CLAY 9.50m-11.00m MEDIUM SAND 11.00m-11.50m BROWN CLAY	-0.30m-8.00m INNER LINING - CASING = Pvc 8.00m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-29 1400 Quality: 47 WLMP: 3.68m DBNS: RWL:		2000-04-27	1231	North
2458	Groundwater Investigation	0.00m-0.50m BROWN SAND MOIST 0.50m-1.00m RED BROWN SAND DAMP 1.00m-1.50m YELLOW BROWN SAND WET 1.50m-2.00m BROWN CLAYEY SAND WET 2.00m-4.00m BROWN SILTY CLAY GREY INCLU MOIST 4.00m-15.00m SILTY CLAY MOIST				1982-03-25	1237	North East
2053	Groundwater Investigation	0.00m-1.00m RED BROWN SILTY CLAY DRY 1.00m-1.50m GREY SILTY CLAY WITH RED BROWN MOIST 1.50m-2.50m YELLOW BROWN SANDY SILTY CLAY MOIST 2.50m-3.00m PINK BROWN SANDY SILTY CLAY WITH BROWN MOIST 3.00m-3.50m BROWN SANDY SILTY CLAY MOIST 3.50m-5.50m YELLOW BROWN SILTY CLAY WITH GREY MOIST 5.50m-7.00m YELLOW BROWN SANDY SILTY CLAY MOIST 7.00m-9.50m LIGHT BROWN SANDY CLAY WET 9.50m-13.00m YELLOW BROWN MEDIUM SAND WET 13.00m-14.00m YELLOW GREY SANDY SILTY CLAY MOIST 14.00m-14.50m YELL GRY SANDY SILTY CLAY WITH YELL BRN MOIST				1978-05-04	1241	East
2456	Groundwater Investigation	0.00m-0.50m GREY BROWN SILTY CLAY MOIST 0.50m-1.50m YELLOW BROWN SILTY CLAY MOIST 1.50m-4.00m BROWN SANDY CLAY GREY INCLU MOIST 4.00m-15.00m SILTY AND SANDY CLAY MOIST TO DAMP		Date/time: 2000-10-10 0000 Quality: 47 WLMP: 12.56m DBNS: RWL:		1982-03-12	1241	North East
116046	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-2.00m BROWN FINE SANDY CLAY MOIST 2.00m-12.00m GREY BROWN SILTY CLAY MOIST	0.00m-9.00m INNER LINING - CASING = Pvc 9.00m-12.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-09-01 1400 Quality: 47 WLMP: 3.16m DBNS: RWL:		1993-08-31	1245	South East
120142	Dewatering					1800-01-01	1245	East
2251	Groundwater Investigation, Observation	0.50m-1.00m BROWN CLAY 1.50m-4.00m GREY BROWN CLAY 4.50m-7.50m GREY YELLOW S/C 8.00m-10.50m BROWN MED SAND 11.00m-14.50m YELLOW GREY CLAY 14.50m-15.00m GREY YELLOW CLAY 15.50m-16.50m GREY BROWN S/C 16.50m-17.00m BROWN GREY CLAY 17.50m-18.00m GREY BROWN S/C 18.50m-19.00m GREY BROWN S/C MED 19.50m-25.00m GREY BROWN CLAY		Date/time: 2013-02-19 1200 Quality: 47 WLMP: 4.50m DBNS: 4.35m RWL: 111.57 mAHD		1975-09-19	1252	North
42572	Groundwater Investigation, Observation			Date/time: 2012-06-18 1400 Quality: 47 WLMP: 1.80m DBNS: 1.65m RWL: 114.27 mAHD		1950-01-01	1252	North



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2358	Groundwater Investigation	0.50m-1.00m BROWN CLAY 1.00m-1.50m LIGHT BROWN CLAY 1.50m-3.50m BROWN CLAY 4.00m-4.50m GREY BROWN CLAY 5.00m-7.00m BROWN CLAY 7.50m-8.00m GREY BROWN CLAY 8.00m-8.50m GREY BROWN S/C 9.00m-9.50m GREY CLAY 9.50m-10.00m BROWN CLAY 10.50m-14.00m BROWN GREY CLAY 14.50m-15.00m BROWN GREY CLAY GRAVELS 15.00m-16.00m BROWN GREY CLAY 16.50m-17.00m BROWN GREY S/C 17.00m-17.50m GREY CLAY 17.50m-18.00m BROWN CLAY GRAVELS 18.00m-20.00m BROWN GREY CLAY 20.50m-25.00m GREY BROWN S/C				1976-06-15	1256	East
22089	Observation	0.00m-1.00m BROWN SANDY CLAY MOIST 1.00m-2.00m BROWN SANDY CLAY WET 2.00m-5.50m BROWN AND WHITE COARSE SAND WET 5.50m-6.00m BROWN AND GREY CLAY WET		Date/time: 1996-08-14 0000 Quality: 47 WLMP: 2.15m DBNS: RWL:		1991-03-04	1273	North East
2049	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 0.60m DBNS: 0.47m RWL: 115.48 mAHD		1950-01-01	1280	East
2460	Groundwater Investigation	0.00m-0.50m GREY BROWN CLAYEY SAND MOIST 0.50m-1.00m ORANGEY BROWN CLAYEY SAND MOIST 1.00m-1.50m YELLOW BROWN CLAYEY SAND MOIST 1.50m-2.00m BROWN CLAYEY SAND MOIST 2.00m-4.00m BROWN CLAY GREY INCLU MOIST 4.00m-15.00m SILTY SANDY CLAY MOIST TO DAMP				1982-03-26	1282	North East
2127	Groundwater Investigation, Observation	0.00m-1.50m BR ZC MOIST 1.50m-3.50m GRY BR ZC MOIST 3.50m-6.50m BR ZC MOIST 6.50m-9.50m BR ZC WET 9.50m-12.00m BR S MEDIUM WET 12.00m-14.50m BR GRY ZC MOIST		Date/time: 1989-10-17 0000 Quality: 47 WLMP: 1.85m DBNS: 1.81m RWL: 113.85 mAHD		1976-11-08	1294	East
2052	Groundwater Investigation, Observation	0.00m-0.50m LIGHT BROWN SILTY CLAY 0.50m-1.00m RED BROWN SILTY CLAY DRY 1.50m-2.50m BROWN SILTY CLAY DAMP 2.50m-3.50m YELLOW BROWN SANDY CLAY WET 3.50m-5.00m YELLOW BROWN MED COARSE SAND WATER 5.00m-7.50m GREY SILTY CLAY WITH BROWN DAMP 7.50m-11.00m YELLOW BROWN SILTY CLAY WITH GREY WET 11.00m-12.00m BROWN MED SAND WATER 12.00m-13.50m GREY MED SAND WATER 13.50m-14.00m GREY COARSE MED SAND WITH GRAVELS WATER 14.00m-15.00m YELLOW BROWN SILTY CLAY WITH GREY DAMP 15.00m-16.00m GREY SILTY CLAY DAMP 16.00m-20.00m BROWN SILTY CLAY WITH GREY DAMP		Date/time: 2006-05-24 1400 Quality: 47 WLMP: 4.40m DBNS: RWL:		1978-04-28	1298	East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
22088	Observation	0.00m-0.50m GREY BLACK SANDY CLAY DRY 0.50m-2.00m RUBBISH (WIRE, TIN AND GLASS) 2.00m-6.00m BROWN AND WHITE MEDIUM COARSE SAND WET 6.00m-6.50m BROWN SILTY CLAY WET		Date/time: 1996-08-14 0000 Quality: 47 WLMP: 1.90m DBNS: RWL:		1991-03-04	1302	North East
2457	Groundwater Investigation	0.00m-0.50m DARK BROWN SANDY CLAY MOIST 0.50m-1.00m GREY BROWN CLAYEY SAND MOIST 1.00m-3.00m YELLOW BROWN SANDY CLAY MOIST 3.00m-6.50m RED BROWN SILTY CLAY MOIST 6.50m-7.00m SAND WET 7.00m-15.00m SILTY CLAY MOIST		Date/time: 2000-10-10 0000 Quality: 47 WLMP: 1.35m DBNS: RWL:		1982-03-15	1313	North East
42613	Groundwater Investigation, Observation			Date/time: 2011-08-19 1200 Quality: 47 WLMP: 1.76m DBNS: 1.56m RWL: 114.34 mAHd		1976-07-14	1318	East
2364	Groundwater Investigation, Observation	0.50m-1.00m LIGHT BROWN S/C 1.50m-2.00m BROWN CLAY 2.50m-3.00m GREY BROWN CLAY 3.50m-6.50m BROWN S/C 7.00m-8.50m GREY BROWN CLAY 9.00m-13.00m GREY BROWN S/C 13.50m-17.00m GREY BROWN S/C 17.50m-18.00m BROWN GREY S/C 18.50m-19.50m GREY RED S/C 20.00m-24.00m GREY BROWN CLAY 24.00m-25.00m GREY RED S/C		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 7.85m DBNS: 7.63m RWL: 110.45 mAHd		1976-07-14	1318	East
WRK950993		0.00m-4.00m BROWN SANDY CLAY MOIST 4.00m-10.00m BROWN CLAY MOIST 10.00m-12.00m BROWN SILTY CLAY WET 12.00m-13.50m MEDIUM CLAYEY SAND WET 13.50m-14.50m GREY BROWN CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-14.50m INNER LINING - SCREEN = Pvc	Date/time: 2003-03-28 1400 Quality: 47 WLMP: 3.82m DBNS: RWL:	12.00m-14.50m Sand	2005-05-30	1319	North East
WRK950992		0.00m-9.50m BROWN CLAY MOIST 9.50m-12.00m BROWN SILTY CLAY WET 12.00m-13.00m MEDIUM SAND WET 13.00m-14.00m GREY BROWN CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-14.00m INNER LINING - SCREEN = Pvc	Date/time: 2003-03-28 1400 Quality: 47 WLMP: 3.75m DBNS: RWL:	12.00m-14.00m Clay	2003-03-22	1320	North East
44792	Groundwater Investigation, Observation			Date/time: 2006-05-24 1400 Quality: 47 WLMP: 4.40m DBNS: RWL:		1978-04-28	1322	East
22087	Observation	0.00m-1.00m BROWN SANDY CLAY DRY 1.00m-2.00m BROWN SANDY CLAY MOIST 2.00m-6.00m BROWN AND WHITE COARSE SAND WET 6.00m-6.50m GREY SILTY CLAY WET		Date/time: 1996-08-14 0000 Quality: 47 WLMP: 2.50m DBNS: RWL:		1991-03-04	1328	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
42573	Groundwater Investigation, Observation			Date/time: 2010-02-25 1200 Quality: 47 WLMP: 1.50m DBNS: 1.31m RWL: 112.96 mAHd		1950-01-01	1334	North
2252	Groundwater Investigation, Observation	0.00m-0.50m BROWN S/C 1.00m-1.50m BROWN CLAY 2.00m-3.00m GRAVEL BROWN CLAY 3.50m-4.00m YELLOW BROWN CLAY 4.50m-5.50m BROWN CLAY 6.00m-7.50m BROWN S/C 8.00m-9.00m YELLOW BROWN S/C 9.00m-9.50m BROWN MED SAND 9.50m-10.00m BROWN COARSE SAND 10.50m-11.50m BROWN MED SAND 11.50m-12.00m GRAVELS BROWN GREY CLAY 12.50m-13.00m GREY CLAY 13.50m-16.00m YELLOW GREY S/C 17.00m-18.00m GREY CLAY 18.50m-22.00m BROWN GREY CLAY 22.50m-25.00m GREY BROWN S/C		Date/time: 2013-02-19 1200 Quality: 47 WLMP: 6.75m DBNS: 6.54m RWL: 109.21 mAHd		1975-09-19	1334	North
22150	Groundwater Investigation					1991-10-23	1343	North East
22086	Observation	0.00m-0.50m BROWN CLAY DRY 0.50m-1.00m RED BROWN CLAY MOIST 1.00m-2.00m LIGHT BROWN SILTY CLAY MOIST 2.00m-2.50m LIGHT BROWN SILTY CLAY WET 2.50m-6.00m BROWN AND WHITE COARSE SAND WET 6.00m-9.00m GREENY GREY CLAY WET 9.00m-11.50m BROWN AND GREY SILTY CLAY WET 11.50m-15.00m GREY AND BROWN CLAY WET		Date/time: 1995-08-30 0000 Quality: 47 WLMP: 6.00m DBNS: 6.00m RWL:		1991-02-28	1343	North East
45628	Observation			Date/time: 1996-08-14 0000 Quality: 47 WLMP: 2.25m DBNS: 2.25m RWL:		1991-02-28	1343	North East
2241	Groundwater Investigation	0.00m-2.00m CLAYEY SAND MOIST 2.00m-20.00m SILTY CLAY MOIST				1981-06-18	1348	North East
2136	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 0.18m DBNS: 0.17m RWL: 114.10 mAHd		1950-01-01	1380	North
2135	Groundwater Investigation, Observation			Date/time: 1958-12-16 0000 Quality: 47 WLMP: 1.30m DBNS: 1.23m RWL: 114.06 mAHd		1950-01-01	1380	North
43945	Groundwater Investigation, Observation			Date/time: 1961-08-11 0000 Quality: 47 WLMP: 1.65m DBNS: 1.65m RWL:		1950-01-01	1380	North

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
WRK086827	Observation	0.00m-5.00m FILL 5.00m-10.50m CLAY and sandy clay	0.00m-7.00m INNER LINING - CASING = Pvc 0.00m-5.50m OUTER LINING - GRAVEL = Cement 5.50m-6.50m OUTER LINING - GRAVEL = Bentonite 6.50m-10.50m OUTER LINING - GRAVEL = Gravel			2015-06-05	1402	North West
WRK017187	Observation	0.00m-4.00m Brown Silty Clay 4.00m-9.00m Brown Silty sandy Clay		Date/time: 2010-03-31 1400 Quality: 47 WLMP: 6.43m DBNS: RWL:		2010-02-01	1404	South East
42598	Groundwater Investigation					1950-01-01	1409	North
2321	Groundwater Investigation	0.00m-5.50m BR ZC MOIST 5.50m-7.00m GRY BR ZC WET 7.00m-9.50m GRY BR SZC WET 9.50m-10.00m GRY BR SZC WET 10.00m-11.50m BR ZS FINE WET 11.50m-12.00m BR GRY SZC MOIST 12.00m-15.50m GRY ZC MOIST 15.50m-16.00m BR GRY ZC MOIST 16.00m-17.50m GRY BR ZC MOIST 17.50m-19.50m BR GRY ZC MOIST 19.50m-20.00m GRY BR ZC MOIST				1976-10-13	1409	North
WRK017183	Groundwater Investigation	0.00m-1.00m Brown silty sandy clay 1.00m-2.00m Brown clayey fine sand 2.00m-6.50m Brown fine sandy clay 6.50m-8.00m Brown medium coarse sand	0.30m-5.50m INNER LINING - CASING = Pvc Class 9			2009-06-18	1422	South East
WRK017188	Observation	0.00m-4.00m Brown Silty Clay 4.00m-9.00m Brown & Grey Silty Clay		Date/time: 2010-03-31 1400 Quality: 47 WLMP: 6.75m DBNS: RWL:		2010-02-02	1430	South East
WRK086828	Observation	0.00m-1.00m FILL 1.00m-7.00m CLAY 7.00m-10.00m SANDY CLAY	0.00m-6.00m INNER LINING - CASING = Pvc 0.00m-4.00m OUTER LINING - GRAVEL = Cement 4.00m-5.00m OUTER LINING - GRAVEL = Bentonite 5.00m-10.50m OUTER LINING - GRAVEL = Gravel			2015-06-05	1447	North West
WRK017189	Observation	0.00m-2.00m Brown Silty Clay 2.00m-9.00m Brown Fine Sandy clay		Date/time: 2010-03-31 1400 Quality: 47 WLMP: 3.13m DBNS: RWL:		2010-02-02	1451	South East
42646	Groundwater Investigation	2.50m-6.50m YELLOW GREY MED COARSE SAND				1982-04-20	1459	North East
90904	Groundwater Investigation	0.00m-0.50m YELLOW BROWN SANDY CLAY MOIST 0.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-2.50m YELLOW BROWN SANDY CLAY GREY INCLU DAMP 2.50m-6.50m YELLOW GREY MED COARSE SAND WET 6.50m-10.00m SILTY SANDY CLAY MOIST				1982-04-20	1459	North East
90958	Not Known	0.00m-0.80m BROWN SILTY TOPSOIL 0.80m-1.50m DRY SAND, SILT & CLAY 1.50m-3.30m CLAYEY BROWN SAND 3.30m-5.20m WHITE SANDY CLAY 5.20m-7.90m GREY & WHITE CLAY 7.90m-43.20m VARIOUS CLAYS.GRAVEL & SAND PARTICLES - ABANDONED	0.00m-1.50m INNER LINING - CASING = Not Known 1.50m-3.30m INNER LINING - SCREEN = Not Known			1986-06-27	1495	South East
42566	Groundwater Investigation	2.00m-7.50m YELLOW GREY COARSE SAND				1981-07-09	1498	North East
2242	Groundwater Investigation	0.00m-2.00m SANDY CLAY MOIST 2.00m-7.50m COARSE SAND GRAVEL WET 7.50m-20.00m SILTY CLAY MOIST				1981-06-22	1498	North East
45512	Groundwater Investigation	2.00m-7.50m YELLOW GREY COARSE SAND				1981-06-22	1498	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2253	Groundwater Investigation, Observation	0.50m-1.00m BROWN S/C 1.00m-1.50m RED BROWN S/C 1.50m-2.50m BROWN S/C 3.00m-4.50m BROWN CLAY 5.00m-5.50m GREY BROWN CLAY 5.50m-6.00m BROWN GREY CLAY 6.00m-6.50m GREY BROWN CLAY 6.50m-7.00m BROWN S/C 7.00m-7.50m GREY BROWN S/C 7.50m-8.00m ORANGE S/C 8.00m-9.50m BROWN GREY S/C 10.00m-11.00m BROWN SAND (FINE) 11.50m-12.00m GREY BROWN C/S 12.00m-12.50m GREY CLAY 12.50m-13.00m GREY BROWN S/C 13.00m-14.50m GREY CLAY 15.00m-16.00m BROWN GREY CLAY 16.00m-16.50m GREY BROWN C/S 16.50m-18.50m GRAVELS BROWN GREY CLAY 19.00m-19.50m BROWN GREY CLAY 19.50m-20.00m GREY C/S 20.00m-21.00m BROWN GREY C/S 21.50m-25.00m GREY RED CLAY		Date/time: 1997-02-11 0000 Quality: 47 WLMP: 2.30m DBNS: 2.22m RWL: 112.18 mAHD		1975-10-16	1512	North
42574	Groundwater Investigation, Observation			Date/time: 1997-02-11 0000 Quality: 47 WLMP: 1.35m DBNS: 1.27m RWL: 113.13 mAHD		1975-10-16	1512	North
WRK086829	Observation	0.00m-5.00m FILL 5.00m-7.00m CLAY 7.00m-10.00m SANDY CLAY	0.00m-7.50m INNER LINING - CASING = Pvc 0.00m-6.00m OUTER LINING - GRAVEL = Cement 6.00m-7.00m OUTER LINING - GRAVEL = Bentonite			2015-06-05	1513	North West
WRK009755	Domestic & Stock	0.00m-0.50m BROWN TOPSOIL 0.50m-4.50m BROWN GREY MED HEAVY CLAY 4.50m-6.50m BROWN GREY FINE SANDY CLAY 6.50m-9.20m BROWN MED FINE SAND	0.30m-6.20m INNER LINING - CASING = Pvc Class 9 6.20m-9.20m INNER LINING - SCREEN = Pvc Class 9 5.50m-9.20m OUTER LINING - GRAVEL = Gravel		6.20m-9.20m Sand	2003-11-04	1514	South
WRK950991		0.00m-1.00m GREY BROWN CLAY MOIST 1.00m-9.50m BROWN CLAY MOIST 9.50m-11.50m BROWN SILTY CLAY 11.50m-15.00m GREY BROWN CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 2003-03-28 1400 Quality: 47 WLMP: 7.70m DBNS: RWL:	12.00m-15.00m Clay	2003-03-22	1518	North East
2322	Groundwater Investigation	0.00m-2.00m BR ZC DRY 2.00m-5.50m BR ZC MOIST 5.50m-6.50m BR GRY ZC MOIST 6.50m-7.50m BLK GRY BR ZC MOIST 7.50m-8.50m GRY BR SZC WET 8.50m-10.50m GRY BR ZC MOIST 10.50m-11.50m GRY BR ZC WET 11.50m-12.50m GRY BR SZC WET 12.50m-18.50m BR GRY SZC WET 18.50m-20.00m GRY BR ZSC WET				1976-10-20	1540	North East
42599	Groundwater Investigation					1950-01-01	1540	North East
90943	Not Known					1983-09-24	1552	South
90932	Domestic, Stock		0.00m-9.40m INNER LINING - CASING = Pvc 9.40m-10.60m INNER LINING - SCREEN = Pvc		9.40m-10.60m Sand	1979-07-17	1553	South
90942	Domestic, Stock		0.00m-10.00m INNER LINING - CASING = Pvc 10.00m-11.58m INNER LINING - SCREEN = Pvc 11.58m-11.80m INNER LINING - CASING = Pvc		10.00m-11.58m Sand	1983-08-02	1580	North East



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2360	Groundwater Investigation, Observation	0.50m-1.00m RED BROWN CLAY 1.00m-1.50m LIGHT BROWN CLAY 2.00m-2.50m YELLOW XCLAY 3.00m-3.50m BROWN CLAY 3.50m-4.00m BROWN CLAY GRAVELS 4.50m-5.00m GREY BROWN S/C 5.50m-17.50m GREY BROWN CLAY 18.00m-18.50m GREY BROWN S/C 19.00m-19.50m GREY BROWN CLAY 20.00m-25.00m GREY BROWN S/C		Date/time: 2013-05-21 1200 Quality: 47 WLMP: 0.32m DBNS: 0.16m RWL: 117.98 mAHD		1976-07-13	1624	East
42609	Groundwater Investigation, Observation			Date/time: 2012-11-22 1200 Quality: 47 WLMP: 1.66m DBNS: 1.49m RWL: 116.65 mAHD		1976-07-13	1624	East
42591	Groundwater Investigation, Observation					1950-01-01	1652	South
2287	Groundwater Investigation, Observation	0.00m-1.00m BR ZC DRY 1.00m-2.00m BR SZC DRY 2.00m-2.50m BR ZSC DRT 2.50m-3.00m BR ZS DRY MED 3.00m-3.50m BR SZC MOIST 3.50m-5.00m GRY BR ZC MOIST 5.00m-7.00m BR GRY ZC MOIST 7.00m-8.00m GRY ZC WET 8.00m-9.00m BR GRY ZC WET 9.00m-9.50m BR GRY ZC MOIST 9.50m-10.00m BR GRY SZC MOIST 10.00m-11.00m GRY ZSC WET 11.00m-13.00m BR ZSC WET 13.00m-15.50m BR GRY ZC MOIST 15.50m-16.00m GRY SZC MOIST 16.00m-16.50m GRY CZS WET 16.50m-17.50m BR GRY SZC WET 17.50m-18.00m GRY BR SZC WET 18.00m-20.00m GRY BR ZC MOIST		Date/time: 1977-02-08 0000 Quality: 47 WLMP: 5.22m DBNS: 4.96m RWL: 110.08 mAHD		1976-09-10	1652	South
91000	Domestic & Stock, Dewatering, Irrigation, Not Known	0.00m-0.50m BROWN CLAY DRY 0.50m-1.00m RED BROWN CLAY MOIST 1.00m-2.00m LIGHT BROWN SILTY CLAY MOIST 2.00m-2.50m LIGHT BROWN SILTY CLAY WET 2.50m-6.50m ORANGEY BROWN AND WHITE MEDIUM COARSE SAND WET 6.50m-7.50m BROWN AND GREY CLAY WET				1991-10-23	1665	North East
WRK017184	Groundwater Investigation	0.00m-5.00m Brown silty clay	0.30m-11.50m INNER LINING - CASING = Pvc Class 9			2009-06-19	1686	South East
2254	Groundwater Investigation	0.50m-1.00m BROWN CLAY 1.00m-1.50m GREY BROWN CLAY 2.00m-9.00m GREY BROWN SILTY CLAY 9.50m-10.00m BROWN FINE SAND 10.50m-13.00m BROWN MEDIUM SAND 13.50m-19.50m GREY BROWN CLAY 20.00m-20.50m GREY BROWN SILTY CLAY 20.50m-23.50m GREY BROWN CLAY 24.00m-25.00m GREY BROWN SILTY CLAY				1975-10-28	1703	North
WRK950990		0.00m-2.50m BROWN GRITTY CLAY MOIST 2.50m-15.00m BROWN CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 2003-03-28 1400 Quality: 47 WLMP: 11.94m DBNS: RWL:	12.00m-15.00m Clay	2003-03-24	1705	North East
WRK017185	Groundwater Investigation	0.00m-4.00m Brown silty clay 4.00m-6.50m Brown silty sandy clay 6.50m-9.50m Brown fine clayey sand	0.30m-7.00m INNER LINING - CASING = Pvc Class 9			2009-06-19	1713	South East
WRK016442	Groundwater Investigation	0.00m-2.00m brown silty sandy clay 2.00m-8.00m grey & brown silty clay				2009-04-09	1733	East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
43938	Groundwater Investigation, Observation, Stock	0.00m-4.00m CLAY 4.00m-4.50m IRONSTONE 4.50m-26.00m SAND 26.00m-31.00m SAND 31.00m-33.00m SAND 33.00m-35.60m SAND 35.60m-37.00m DRIFT 37.00m-38.00m CLAY 38.00m-40.00m RUBBLE 40.00m-41.00m FREESTONE 41.00m-45.50m FREESTONE 45.50m-46.00m CLAY	0.00m-41.40m INNER LINING - CASING = Steel	Date/time: 1961-08-11 0000 Quality: 47 WLMP: 1.83m DBNS: RWL:		1995-03-10	1753	North East
2371	Groundwater Investigation					1950-01-01	1770	North
2372	Groundwater Investigation					1950-01-01	1829	North
126310	Groundwater Investigation	0.00m-0.50m BROWN SANDY TOP SOIL 0.50m-3.00m DARK BROWN SANDY CLAY 3.00m-7.00m BROWN SILTY CLAY 7.00m-7.50m COARSE SAND 7.50m-8.00m SILTY CLAY 8.00m-11.00m COARSE SAND	-0.20m-6.50m INNER LINING - CASING = Pvc 6.50m-11.00m INNER LINING - SCREEN = Pvc 5.00m-11.00m OUTER LINING - GRAVEL = Gravel			1995-11-24	1840	South East
126309	Groundwater Investigation	0.00m-0.50m BROWN SANDY TOP SOIL 0.50m-3.00m DARK BROWN SANDY CLAY 3.00m-7.00m BROWN SILTY CLAY 7.00m-7.50m SAND LAYER 7.50m-8.00m SILTY CLAY 8.00m-11.00m COARSE SAND	-0.20m-7.00m INNER LINING - CASING = Pvc 7.00m-11.00m INNER LINING - SCREEN = Pvc 5.00m-11.00m OUTER LINING - GRAVEL = Gravel			1995-11-23	1846	South East
115063	Domestic & Stock	0.00m-3.00m BROWN GREY CLAY 3.00m-5.00m BROWN CLAY 5.00m-8.00m HARD BROWN SAND				1992-12-23	1851	South West
125928	Groundwater Investigation	0.00m-0.50m BROWN SANDY TOP SOIL 0.50m-3.50m DARK BROWN SANDY CLAY 3.50m-8.00m BROWNY RED SILTY CLAY 8.00m-11.00m COARSE SAND 11.00m-11.50m FINE SAND 11.50m-12.50m SILTY CLAY	-0.24m-6.50m INNER LINING - CASING = Pvc 6.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1995-10-11 1400 Quality: 47 WLMP: 3.07m DBNS: RWL:		1995-10-09	1853	South East
128468	Groundwater Investigation	0.00m-5.00m BROWN CLAY MOIST 5.00m-10.00m BROWN SILTY CLAY MOIST 10.00m-11.00m SANDY CLAY WET 11.00m-19.50m BROWN & GREY CLAY MOIST 19.50m-21.00m MEDIUM SAND WET 21.00m-22.00m BROWN CLAY MOIST	-0.25m-19.50m INNER LINING - CASING = Pvc 19.50m-22.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-04 1400 Quality: 47 WLMP: 4.30m DBNS: RWL:		1997-01-30	1857	South East
115070	Stock	0.00m-3.00m GREY SANDY CLAY 3.00m-6.00m BROWN WHITE CLAY 6.00m-9.00m WHITE BROWN CLAY				1993-01-23	1871	South West
128469	Groundwater Investigation	0.00m-5.50m BROWN CLAY MOIST 5.50m-7.00m BROWN SILTY CLAY MOIST 7.00m-9.00m FINE SAND WET 9.00m-10.00m BROWN & GREY CLAY MOIST	-0.25m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-04 1400 Quality: 47 WLMP: 2.30m DBNS: RWL:		1997-01-31	1875	South East
2288	Groundwater Investigation, Observation	0.00m-2.50m BR ZC DRY 2.50m-3.00m BR ZC MOIST 3.00m-4.00m BLK BR ZC MOIST 4.00m-7.00m BR ZC MOIST 7.00m-7.50m BR SZC MOIST 7.50m-8.00m GRY BR SZC MOIST 8.00m-12.00m BR GRY ZC MOIST 12.00m-13.00m BR GRY ZC MOIST 13.00m-14.50m BR ZSC WET 14.50m-15.00m GRY BR SZC WET 15.00m-19.50m GRY BR ZC MOIST 19.50m-20.00m BR GRY ZC MOIST		Date/time: 1977-02-08 0000 Quality: 47 WLMP: 6.40m DBNS: 6.17m RWL: 108.79 mAHD		1976-09-14	1887	South
42592	Groundwater Investigation, Observation					1950-01-01	1887	South
WRK012647	Commercial						1892	North West

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
129078	Groundwater Investigation	0.00m-1.00m BROWN CLAY DRY 1.00m-4.50m BROWN CLAY MOIST 4.50m-7.00m BROWN SILTY CLAY MOIST 7.00m-10.00m BROWN CLAY MOIST	-0.25m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-28 1400 Quality: 47 WLMP: 2.72m DBNS: RWL:		1997-02-25	1904	South East
WRK958903	Commercial	0.00m-1.00m BROWN SILTY CLAY 1.00m-5.00m GREY SILTY SANDY CLAY 5.00m-7.00m BROWN MED COARSE SAND 7.00m-7.50m BROWN COARSE SILTY SANDY CLAY	0.30m-5.00m INNER LINING - CASING = Pvc 4.00m-7.50m OUTER LINING - GRAVEL = Gravel		5.00m-7.50m Sand	2007-08-27	1934	North West
126095	Groundwater Investigation	0.00m-0.50m DARK BROWN TOP SOIL 0.50m-3.00m BROWN SILTY CLAY 3.00m-6.50m RED & BROWN CLAY 6.50m-7.50m FINE SAND 7.50m-12.00m SILTY CLAY	-0.07m-6.00m INNER LINING - CASING = Pvc 6.00m-8.50m INNER LINING - SCREEN = Pvc 8.50m-12.00m INNER LINING - CASING = Pvc	Date/time: 1995-10-18 1400 Quality: 47 WLMP: 2.86m DBNS: RWL:		1995-10-16	1938	South East
2361	Groundwater Investigation, Observation	0.50m-1.00m LIGHT BROWN CLAY 1.50m-2.00m BROWN CLAY 2.50m-3.00m RED BROWN CLAY 3.50m-4.00m BROWN CLAY 4.50m-5.00m RED BROWN CLAY 5.00m-5.50m BROWN CLAY 5.50m-6.50m GREY BROWN S/C 7.00m-9.00m RED GREY BROWN S/C 9.50m-12.00m BROWN GREY CLAY 12.00m-15.50m GREY BROWN S/C 16.00m-16.50m GREY S/C 16.50m-20.50m GREY BROWN CLAY 20.50m-25.00m GREY RED CLAY		Date/time: 2013-06-18 1200 Quality: 47 WLMP: 0.50m DBNS: 0.37m RWL: 117.72 mAHD		1976-07-09	1944	East
42610	Groundwater Investigation, Observation			Date/time: 2012-11-22 1200 Quality: 47 WLMP: 1.41m DBNS: 1.39m RWL: 116.70 mAHD		1976-07-09	1944	East
128470	Groundwater Investigation	0.00m-5.00m BROWN CLAY MOIST 5.00m-7.00m BROWN SILTY CLAY MOIST 7.00m-9.50m FINE MEDIUM SAND WET 9.50m-10.00m GREY CLAY MOIST	-0.25m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-04 1400 Quality: 47 WLMP: 2.81m DBNS: RWL:		1997-02-03	1947	South East
131174	Domestic	0.00m-8.50m BROWN CLAY MOIST 8.50m-10.00m BROWN SILTY CLAY WET 10.00m-11.00m BROWN & GREY CLAY MOIST 11.00m-0.00m BACKFILLED WITH SPOIL				1997-02-08	1949	East
42575	Groundwater Investigation, Observation			Date/time: 2006-05-24 1200 Quality: 47 WLMP: 2.30m DBNS: 2.05m RWL: 112.08 mAHD		1950-01-01	1959	North
2255	Groundwater Investigation, Observation	0.50m-4.00m BROWN CLAY 4.50m-7.00m GREY BROWN CLAY 7.50m-10.50m GREY BROWN S/C 11.00m-12.00m BROWN FINE SAND 12.50m-13.50m BROWN MED SAND 14.00m-16.00m BROWN GREY CLAY 16.50m-18.50m GREY BROWN CLAY 19.00m-19.50m BROWN CLAY 20.00m-21.50m GREY BROWN CLAY 22.00m-25.00m GREY BROWN S/C		Date/time: 2013-02-19 1200 Quality: 47 WLMP: 4.75m DBNS: 4.67m RWL: 110.12 mAHD		1975-10-20	1959	North

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
42576	Groundwater Investigation, Observation			Date/time: 2012-02-22 1200 Quality: 47 WLMP: 1.50m DBNS: 1.27m RWL: 113.52 mAHD		1950-01-01	1959	North
WRK008447	Dewatering, Irrigation	0.00m-2.00m BROWN SILTY SANDY CLAY 2.00m-5.00m BROWN COARSE SAND	0.00m-4.90m INNER LINING - CASING = Pvc 3.00m-5.00m INNER LINING - SCREEN = Pvc 2.00m-5.00m OUTER LINING - GRAVEL = Gravel		3.00m-5.00m Sand	1999-03-08	1960	North East
90965	Not Known	0.00m-1.50m GREY SILTY CLAY 1.50m-5.50m BROWN & GREY SILTY CLAY 5.50m-6.50m BROWN SILTY SANDY CLAY 6.50m-11.00m BROWN SILTY CLAY - ABANDONED				1988-02-28	1961	East
136878	Not Used - Capped	0.00m-2.30m RED CLAY 2.30m-11.00m SANDY CLAY WITH FINE SAND SEAMS 11.00m-13.00m GREY CLAY 13.00m-0.00m BACKFILLED				1992-07-17	1980	North
2129	Groundwater Investigation, Observation			Date/time: 2013-07-08 1200 Quality: 47 WLMP: 2.80m DBNS: 2.60m RWL: 115.50 mAHD		1950-01-01	1983	East
129079	Groundwater Investigation	0.00m-2.50m BROWN GRITTY CLAY DRY 2.50m-9.50m BROWN CLAY MOIST	-0.25m-6.50m INNER LINING - CASING = Pvc 6.50m-9.50m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-28 1400 Quality: 47 WLMP: 4.59m DBNS: 4.59m RWL:		1997-02-26	1998	South East
WRK016443	Groundwater Investigation	0.00m-1.50m brown silty sandy clay 1.50m-4.50m brown med coarse sand	0.30m-11.50m INNER LINING - CASING = Pvc Class 9			2009-04-09	1999	East

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

## Shepparton South East Precinct Structure Plan (Section 1)

### Boreholes (Earth Resources Database)

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

Bore Id	Bore Type	Company	Usage	Method	Status	Drill Date	Depth	Elevation	Accuracy (m)	Dist (m)	Direct
2283		Rural Water Commission	Groundwater Investigation			01/01/1950		115.54	300	0	Onsite
2284		Rural Water Commission	Groundwater Investigation			01/01/1950		115.52	300	0	Onsite
2351		Rural Water Commission	Groundwater Investigation			01/01/1950			300	0	Onsite
42587		Rural Water Commission	Groundwater Investigation			01/01/1950		115.57	300	0	Onsite
42588		Rural Water Commission	Groundwater Investigation			01/01/1950		115.52	300	0	Onsite
82516		Rural Water Commission	Groundwater Investigation			01/01/1950		107.22	300	0	Onsite
2352		Rural Water Commission	Groundwater Investigation			01/01/1950			300	103	East
2353		Rural Water Commission	Groundwater Investigation			01/01/1950			300	247	East
90860		Department of Manufacturing & Industry Development		Percussion (cable)		21/10/1974	13.00	114.68	300	288	North
2285		Rural Water Commission	Groundwater Investigation			01/01/1950		115.69	300	348	South
42589		Rural Water Commission	Groundwater Investigation			01/01/1950		115.69	300	348	South
42605		Rural Water Commission	Groundwater Investigation			01/01/1950		115.67	300	374	East
2354		Rural Water Commission	Groundwater Investigation			01/01/1950		115.67	300	374	East
90926		Private Individual/Corporation	Fire fighting/Sports/general			09/12/1974	10.98		300	381	North
2510		Rural Water Commission	Groundwater Investigation			01/01/1950		115.16	300	472	North East
2506		Rural Water Commission	Groundwater Investigation			01/01/1950		115.28	300	522	North East
2507		Rural Water Commission	Groundwater Investigation			01/01/1950		115.09	300	528	North East
90844		Department of Manufacturing & Industry Development		Percussion (cable)		27/08/1974	10.00	115.28	300	528	North East
2514		Rural Water Commission	Groundwater Investigation			01/01/1950		114.99	300	529	North East
2508		Rural Water Commission	Groundwater Investigation			01/01/1950		115.17	300	532	North East
90861		Department of Manufacturing & Industry Development		Percussion (cable)		22/10/1974	12.00	114.68	300	559	North
2509		Rural Water Commission	Groundwater Investigation			01/01/1950		115.50	300	572	North East
2511		Rural Water Commission	Groundwater Investigation			01/01/1950		115.40	300	593	North East
42652		Rural Water Commission	Groundwater Investigation			01/01/1950		115.40	300	593	North East



Bore Id	Bore Type	Company	Usage	Method	Status	Drill Date	Depth	Elevation	Accuracy (m)	Dist (m)	Direct
43873		Rural Water Commission	Groundwater Investigation			01/01/1950		114.87	300	600	North
43874		Rural Water Commission	Groundwater Investigation			01/01/1950		114.87	300	600	North
90845		Department of Manufacturing & Industry Development		Percussion (cable)		28/08/1974	12.00	115.03	300	629	North East
2503		Rural Water Commission	Groundwater Investigation			01/01/1950		115.46	300	640	North East
2504		Rural Water Commission	Groundwater Investigation			01/01/1950		115.49	300	674	North East
2512		Rural Water Commission	Groundwater Investigation			01/01/1950		115.03	300	680	North East
42653		Rural Water Commission	Groundwater Investigation			01/01/1950		115.03	300	680	North East
2355		Rural Water Commission	Groundwater Investigation			01/01/1950		115.80	300	681	East
2515		Rural Water Commission	Groundwater Investigation			01/01/1950		114.97	300	700	North East
42655		Rural Water Commission	Groundwater Investigation			01/01/1950		114.97	300	700	North East
90862		Department of Manufacturing & Industry Development		Percussion (cable)		26/10/1974	13.00	114.70	300	715	North
2118		Rural Water Commission	Groundwater Investigation			01/01/1950			300	719	South East
2501		Rural Water Commission	Groundwater Investigation			01/01/1950		115.39	300	724	North East
2116		Rural Water Commission	Groundwater Investigation			01/01/1950			300	728	South East
90846		Department of Manufacturing & Industry Development		Percussion (cable)		31/08/1974	10.00	115.03	300	732	North East
90849		Department of Manufacturing & Industry Development		Percussion (cable)		05/09/1974	13.50	115.21	300	733	North East
90851		Department of Manufacturing & Industry Development		Percussion (cable)		11/09/1974	13.50	115.18	300	733	North East
90852		Department of Manufacturing & Industry Development		Percussion (cable)		21/09/1974	13.50	115.16	300	745	North East
90853		Department of Manufacturing & Industry Development		Percussion (cable)		28/09/1974	13.00	115.29	300	745	North East
90850		Department of Manufacturing & Industry Development		Percussion (cable)		11/09/1974	13.20	115.24	300	745	North East
90847		Department of Manufacturing & Industry Development		Percussion (cable)		07/09/1974	15.00	115.40	300	745	North East
90848		Department of Manufacturing & Industry Development		Percussion (cable)		07/09/1974	15.00	115.39	300	745	North East
42513		Rural Water Commission	Groundwater Investigation			01/01/1950			300	775	South East
2505		Rural Water Commission	Groundwater Investigation			01/01/1950		115.11	300	777	North East
42516		Rural Water Commission	Groundwater Investigation			01/01/1950			300	780	South East
90902		Rural Water Commission	Groundwater Investigation			01/01/1950			300	780	South East

Bore Id	Bore Type	Company	Usage	Method	Status	Drill Date	Depth	Elevation	Accuracy (m)	Dist (m)	Direct
90903		Rural Water Commission	Groundwater Investigation			01/01/1950			300	780	South East
2502		Rural Water Commission	Groundwater Investigation			01/01/1950		115.38	300	813	North East
2513		Rural Water Commission	Groundwater Investigation			01/01/1950		115.60	300	829	North East
42654		Rural Water Commission	Groundwater Investigation			01/01/1950		115.60	300	829	North East
2117		Rural Water Commission	Groundwater Investigation			01/01/1950			300	831	South East
90863		Department of Manufacturing & Industry Development		Percussion (cable)		26/10/1974	14.00	114.96	300	860	North
2115		Rural Water Commission	Groundwater Investigation			01/01/1950			300	895	South East
42511		Rural Water Commission	Groundwater Investigation			01/01/1950			300	895	South East
42512		Rural Water Commission	Groundwater Investigation			01/01/1950			300	895	South East
42590		Rural Water Commission	Groundwater Investigation			01/01/1950		115.11	300	961	South
2286		Rural Water Commission	Groundwater Investigation			01/01/1950		115.11	300	961	South
2356		Rural Water Commission	Groundwater Investigation			01/01/1950		115.04	300	994	East
42606		Rural Water Commission	Groundwater Investigation			01/01/1950		115.04	300	994	East
90930		Private Individual/Corporation	Fire fighting/Sports/general			20/01/1975	10.06		300	1123	East
90864		Department of Manufacturing & Industry Development		Percussion (cable)		02/11/1974	13.50	114.78	300	1142	North
2051		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1144	East
2359		Rural Water Commission	Groundwater Investigation			01/01/1950		115.62	300	1152	East
42608		Rural Water Commission	Groundwater Investigation			01/01/1950		115.62	300	1152	East
2459		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1188	North East
42607		Rural Water Commission	Groundwater Investigation			01/01/1950		116.05	300	1198	East
2357		Rural Water Commission	Groundwater Investigation			01/01/1950		116.05	300	1198	East
2458		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1236	North East
2456		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1241	North East
2251		Rural Water Commission	Groundwater Investigation			01/01/1950		114.28	300	1253	North
42572		Rural Water Commission	Groundwater Investigation			01/01/1950		114.28	300	1253	North
2358		Rural Water Commission	Groundwater Investigation			01/01/1950		116.01	300	1254	East
2460		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1281	North East
2127		Rural Water Commission	Groundwater Investigation			01/01/1950		115.66	300	1293	East
2052		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1297	East
2457		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1311	North East
2364		Rural Water Commission	Groundwater Investigation			01/01/1950		115.90	300	1316	East
42613		Rural Water Commission	Groundwater Investigation			01/01/1950		115.90	300	1316	East

Bore Id	Bore Type	Company	Usage	Method	Status	Drill Date	Depth	Elevation	Accuracy (m)	Dist (m)	Direct
2252		Rural Water Commission	Groundwater Investigation			01/01/1950		114.27	300	1334	North
42573		Rural Water Commission	Groundwater Investigation			01/01/1950		114.27	300	1334	North
2241		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1347	North East
2321		Rural Water Commission	Groundwater Investigation			01/01/1950		114.40	300	1410	North
42598		Rural Water Commission	Groundwater Investigation			01/01/1950		114.40	300	1410	North
42646		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1458	North East
90904		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1458	North East
45512		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1497	North East
42566		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1497	North East
2242		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1497	North East
2253		Rural Water Commission	Groundwater Investigation			01/01/1950		114.40	300	1512	North
42574		Rural Water Commission	Groundwater Investigation			01/01/1950		114.40	300	1512	North
42599		Rural Water Commission	Groundwater Investigation			01/01/1950		114.92	300	1540	North East
2322		Rural Water Commission	Groundwater Investigation			01/01/1950		114.92	300	1540	North East
90943		Private Individual/Corporation		Jet	Abandoned	24/09/1983	30.50		100	1552	South
90942		Private Individual/Corporation	Domestic & Stock water supply	Hand Auger		02/08/1983	11.80		100	1579	North East
42609		Rural Water Commission	Groundwater Investigation			01/01/1950		115.37	300	1623	East
2360		Rural Water Commission	Groundwater Investigation			01/01/1950		115.37	300	1623	East
90932		Private Individual/Corporation	Domestic water supply	Mechanical Auger		17/07/1979	10.60		300	1635	South
2287		Rural Water Commission	Groundwater Investigation			01/01/1950		115.04	300	1651	South
42591		Rural Water Commission	Groundwater Investigation			01/01/1950		115.04	300	1651	South
42592		Rural Water Commission	Groundwater Investigation			01/01/1950		114.96	300	1886	South
2288		Rural Water Commission	Groundwater Investigation			01/01/1950		114.96	300	1886	South
2361		Rural Water Commission	Groundwater Investigation			01/01/1950		115.31	300	1942	East
42610		Rural Water Commission	Groundwater Investigation			01/01/1950		115.31	300	1942	East
2255		Rural Water Commission	Groundwater Investigation			01/01/1950		114.13	300	1959	North
42575		Rural Water Commission	Groundwater Investigation			01/01/1950		114.13	300	1959	North
42576		Rural Water Commission	Groundwater Investigation			01/01/1950		114.13	300	1959	North
2129		Rural Water Commission	Groundwater Investigation			01/01/1950		116.55	300	1982	East

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 dataset 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

## Historical Mining Activity - Shafts

### Shepparton South East Precinct Structure Plan (Section 1)

## Historical Mining Activity - Shafts

Mine Shaft Locations were collected by a variety of methods from 1869 in some areas of the state, mainly concentrating in Ballarat and Bendigo. In places a shaft may be recorded multiple times with a different source. In cases where several shaft locations are shown close together (generally with separations less than stated position errors) and they have different sources, it is possible that one shaft has been mapped several times. In cases where several shaft locations are shown close together but they have the same information source, it is possible that each shaft location represents a different shaft on the ground.

Historical Mine Shafts within the dataset buffer:

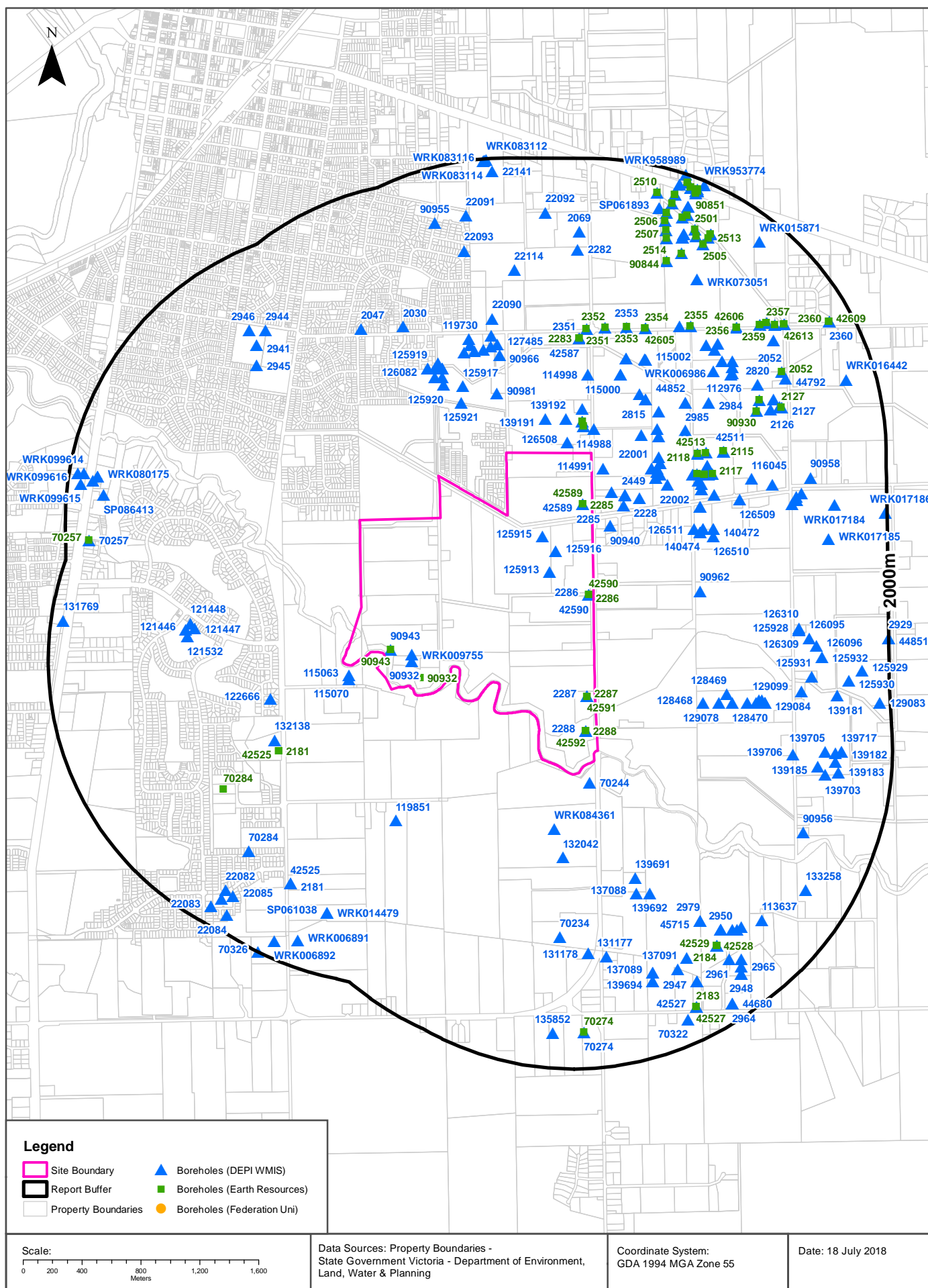
Map Id	Name	Source	Depth (m)	Collar (ft)	Fill/Cap Method	Location Desc	Location Accuracy	Distance	Direction
N/A	No records in buffer								

Historical Mining Activity Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources

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## Shepparton South East Precinct Structure Plan (Section 2)



# Groundwater Boreholes

## Shepparton South East Precinct Structure Plan (Section 2)

### Boreholes (DEPI WMIS)

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

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
90932	Domestic, Stock		0.00m-9.40m INNER LINING - CASING = Pvc 9.40m-10.60m INNER LINING - SCREEN = Pvc		9.40m-10.60m Sand	1979-07-17	0	Onsite
WRK009755	Domestic & Stock	0.00m-0.50m BROWN TOPSOIL 0.50m-4.50m BROWN GREY MED HEAVY CLAY 4.50m-6.50m BROWN GREY FINE SANDY CLAY 6.50m-9.20m BROWN MED FINE SAND	0.30m-6.20m INNER LINING - CASING = Pvc Class 9 6.20m-9.20m INNER LINING - SCREEN = Pvc Class 9 5.50m-9.20m OUTER LINING - GRAVEL = Gravel		6.20m-9.20m Sand	2003-11-04	0	Onsite
125913	Groundwater Investigation	0.00m-0.50m DARK BROWN SANDY TOP SOIL 0.50m-1.00m BROWN SILTY CLAY 1.00m-3.00m GREY & BROWN SANDY CLAY 3.00m-7.50m BROWN SILTY CLAY 7.50m-9.50m MEDIUM TO COARSE SAND 9.50m-10.00m SILTY CLAY	-0.20m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 4.55m DBNS: RWL:		1995-09-13	0	Onsite
125915	Groundwater Investigation	0.00m-0.50m BROWNY RED SANDY TOP SOIL 0.50m-1.00m DARK BROWN SANDY CLAY 1.00m-4.00m LIGHT BROWN SANDY CLAY 4.00m-20.00m BROWN SILTY CLAY	-0.11m-17.00m INNER LINING - CASING = Pvc 17.00m-20.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 6.00m DBNS: RWL:		1995-09-12	0	Onsite
125916	Groundwater Investigation	0.00m-0.50m RED SANDY TOP SOIL 0.50m-1.00m REDY BROWN SANDY CLAY 1.00m-4.00m BROWN SANDY CLAY 4.00m-15.00m GREY & BROWN SANDY CLAY	-0.26m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 6.35m DBNS: RWL:		1995-09-13	0	Onsite
42590	Groundwater Investigation, Observation			Date/time: 1995-08-29 0000 Quality: 47 WLMP: 1.13m DBNS: 0.95m RWL: 114.16 mAHD		1976-09-30	0	Onsite
2285	Groundwater Investigation, Observation	0.00m-1.00m BR ZC DRY 1.00m-3.00m BR ZC MOIST 3.00m-4.00m BLK BR ZC MOIST 4.00m-4.50m BR ZC MOIST 4.50m-5.00m GRY BR ZC MOIST 5.00m-6.50m GRY BR SZC MOIST 6.50m-7.00m GRY BR SZC WET 7.00m-8.00m BR ZSC WET 8.00m-10.50m BR ZS MED WET 10.50m-11.50m BR GRY ZC MOIST 11.50m-12.00m GRY ZC MOIST 12.00m-13.50m BR GRY ZC MOIST 13.50m-14.00m GRY ZC MOIST 14.00m-14.50m BR GRY ZC MOIST 14.50m-15.50m GRY SZC MOIST 15.50m-17.00m BR GRY SZC MOIST 17.00m-19.00m GRY BR ZC MOIST 19.00m-20.00m BR GRY ZC MOIST		Date/time: 1977-02-08 0000 Quality: 47 WLMP: 2.60m DBNS: 2.36m RWL: 113.33 mAHD		1976-09-28	0	Onsite
42591	Groundwater Investigation, Observation					1950-01-01	0	Onsite

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2287	Groundwater Investigation, Observation	0.00m-1.00m BR ZC DRY 1.00m-2.00m BR SZC DRY 2.00m-2.50m BR ZSC DRT 2.50m-3.00m BR ZS DRY MED 3.00m-3.50m BR SZC MOIST 3.50m-5.00m GRY BR ZC MOIST 5.00m-7.00m BR GRY ZC MOIST 7.00m-8.00m GRY ZC WET 8.00m-9.00m BR GRY ZC WET 9.00m-9.50m BR GRY ZC MOIST 9.50m-10.00m BR GRY SZC MOIST 10.00m-11.00m GRY ZSC WET 11.00m-13.00m BR ZSC WET 13.00m-15.50m BR GRY ZC MOIST 15.50m-16.00m GRY SZC MOIST 16.00m-16.50m GRY CZS WET 16.50m-17.50m BR GRY SZC WET 17.50m-18.00m GRY BR SZC WET 18.00m-20.00m GRY BR ZC MOIST		Date/time: 1977-02-08 0000 Quality: 47 WLMP: 5.22m DBNS: 4.96m RWL: 110.08 mAHD		1976-09-10	0	Onsite
42589	Groundwater Investigation, Observation			Date/time: 1977-02-08 0000 Quality: 47 WLMP: 0.50m DBNS: 0.26m RWL: 115.43 mAHD		1950-01-01	0	Onsite
42592	Groundwater Investigation, Observation					1950-01-01	0	Onsite
2286	Groundwater Investigation, Observation	0.00m-1.00m BR ZC DRY 1.00m-2.00m BR ZC MOIST 2.00m-5.00m BR SZC MOIST 5.00m-8.00m GRY BR ZC MOIST 8.00m-10.00m BR ZS MED WET 10.00m-10.50m BR GRY ZC MOIST 10.50m-11.50m GRY ZC MOIST 11.50m-12.50m GRY BR ZC MOIST 12.50m-16.50m BR GRY ZC MOIST 16.50m-18.50m GRY BR ZC WET 18.50m-19.50m GRY BR SZC WET 19.50m-20.00m BR GRY ZC MOIST		Date/time: 1995-08-29 0000 Quality: 47 WLMP: 1.50m DBNS: 1.25m RWL: 113.86 mAHD		1976-09-30	0	Onsite
2288	Groundwater Investigation, Observation	0.00m-2.50m BR ZC DRY 2.50m-3.00m BR ZC MOIST 3.00m-4.00m BLK BR ZC MOIST 4.00m-7.00m BR ZC MOIST 7.00m-7.50m BR SZC MOIST 7.50m-8.00m GRY BR SZC MOIST 8.00m-12.00m BR GRY ZC MOIST 12.00m-13.00m BR GRY SZC MOIST 13.00m-14.50m BR ZSC WET 14.50m-15.00m GRY BR SZC WET 15.00m-19.50m GRY BR ZC MOIST 19.50m-20.00m BR GRY ZC MOIST		Date/time: 1977-02-08 0000 Quality: 47 WLMP: 6.40m DBNS: 6.17m RWL: 108.79 mAHD		1976-09-14	0	Onsite
90943	Not Known					1983-09-24	0	Onsite
115063	Domestic & Stock	0.00m-3.00m BROWN GREY CLAY 3.00m-5.00m BROWN CLAY 5.00m-8.00m HARD BROWN SAND				1992-12-23	68	South West
126508	Groundwater Investigation	0.00m-3.50m BROWN CLAY 3.50m-7.00m BROWN SILTY CLAY 7.00m-10.00m BROWN CLAY AND GRAVEL 10.00m-15.00m BROWN CLAY	-0.30m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 6.54m DBNS: RWL:		2000-05-02	71	North East
114991	Groundwater Investigation, Observation	0.00m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-1.50m BROWN SANDY CLAY MOIST 1.50m-7.50m BROWN SILTY CLAY MOIST 7.50m-9.50m FINE SAND WET 9.50m-10.00m MEDIUM SAND WET 10.00m-11.00m SILTY CLAY MOIST	0.00m-8.00m INNER LINING - CASING = Pvc 7.50m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 2.16m DBNS: RWL:		1993-06-02	74	North East
115070	Stock	0.00m-3.00m GREY SANDY CLAY 3.00m-6.00m BROWN WHITE CLAY 6.00m-9.00m WHITE BROWN CLAY				1993-01-23	91	South West

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
70244	Not Known	0.00m-10.00m BROWN CLAY 10.00m-24.00m SANDY CLAY BROWN 24.00m-30.00m SAND BROWN 30.00m-69.00m BROWN CLAY 69.00m-75.00m WHITE BROWN BASEMENT				1988-02-03	97	South East
90940	Domestic		0.00m-12.40m INNER LINING - CASING = Pvc 12.40m-13.70m INNER LINING - SCREEN = Pvc		12.40m-13.70m Sand	1980-05-06	120	North East
2227	Groundwater Investigation, Observation	0.00m-1.00m RED BROWN CLAY MOIST 1.00m-1.50m DARK BROWN CLAY MOIST 1.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-4.00m BROWN CLAY MOIST 4.00m-8.00m CLAYS WET 8.00m-10.50m SAND WET 10.50m-11.50m CLAYS WET	0.00m-7.50m INNER LINING - CASING = Pvc 7.50m-10.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-12 0000 Quality: 47 WLMP: 2.42m DBNS: RWL:		1989-11-20	132	North East
114988	Groundwater Investigation, Observation	0.00m-0.50m BROWN CLAYEY FINE SAND MOIST 0.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-3.50m GREY BROWN SANDY CLAY MOIST 3.50m-8.50m BROWN SILTY CLAY MOIST 8.50m-15.00m BROWN SILTY CLAY WET	0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 6.15m DBNS: RWL:		1993-05-31	163	North East
82516	Groundwater Investigation					1950-01-01	181	North East
2884	Observation			Date/time: 1974-04-15 0000 Quality: 47 WLMP: 10.16m DBNS: 9.87m RWL: 97.35mAHD		1800-01-01	181	North East
2229	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN CLAY MOIST 0.50m-1.00m RED BROWN AND BLACK CLAY MOIST 1.00m-1.50m GREENY GREY CLAY MOIST 1.50m-2.00m BROWN AND GREY CLAY MOIST 2.00m-3.00m BROWN CLAY MOIST 3.00m-4.00m DARK BROWN CLAY MOIST 4.00m-5.50m BROWN SILTY CLAY MOSIT 5.50m-8.00m BROWN SILTY CLAY WET 8.00m-11.00m FINE TO MEDIUM SAND WET	0.00m-8.00m INNER LINING - CASING = Pvc 8.00m-11.00m INNER LINING - SCREEN = Pvc	Date/time: 2010-08-20 1400 Quality: 47 WLMP: 4.75m DBNS: RWL:		1989-11-16	211	North East
42588	Groundwater Investigation, Observation			Date/time: 2011-08-17 1200 Quality: 47 WLMP: 1.50m DBNS: 1.28m RWL: 114.24 mAHD		1976-09-29	212	North East
2284	Groundwater Investigation, Observation	0.00m-1.50m BR ZC DRY 1.50m-2.00m GRY BR ZC MOIST 2.00m-4.00m BR ZC MOIST 4.00m-4.50m BR SZC MOIST 4.50m-5.50m GRY BR ZC MOIST 5.50m-6.00m BR ZC WET 6.00m-8.00m GRY BR ZC WET 8.00m-8.50m GRY BR SZC WET 8.50m-9.00m GRY SZC WET 9.00m-9.50m BR SC WET 9.50m-11.00m BR GRY ZC MOIST 11.00m-11.50m GRY SZC MOIST 11.50m-12.50m BR SZC MOIST 12.50m-14.50m GRY ZC WET 14.50m-20.00m BR GRY ZC MOIST		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 5.02m DBNS: 4.67m RWL: 111.58 mAHD		1976-09-29	212	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2418	Observation			Date/time: 1999-08-18 0000 Quality: 47 WLMP: 3.32m DBNS: RWL:		1989-11-30	222	North East
2795	Observation			Date/time: 1992-03-19 0000 Quality: 47 WLMP: 11.25m DBNS: RWL:		1989-11-21	222	North East
139191	Groundwater Investigation	0.00m-3.50m BROWN CLAY 3.50m-8.00m BROWN SILTY CLAY 8.00m-11.00m BROWN CLAY 11.00m-13.50m BROWN CLAY AND GRAVEL 13.50m-18.00m BROWN SILTY CLAY 18.00m-20.00m BROWN GREY SILTY CLAY	-0.20m-17.00m INNER LINING - CASING = Pvc 17.00m-20.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 6.74m DBNS: RWL:		2000-04-28	231	North
139192	Groundwater Investigation	0.00m-3.00m BROWN CLAY 3.00m-6.50m BROWN SILTY CLAY 6.50m-8.00m BROWN GREY CLAY 8.00m-13.00m BROWN SILTY CLAY 13.00m-16.50m BROWN CLAY	-0.30m-13.50m INNER LINING - CASING = Pvc 13.50m-16.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 6.90m DBNS: RWL:		2000-05-01	231	North
139193	Groundwater Investigation	0.00m-1.50m BROWN CLAY 1.50m-5.50m BROWN SILTY CLAY 5.50m-7.00m BROWN GREY CLAY 7.00m-12.00m BROWN SILTY CLAY AND GRAVEL 12.00m-16.50m BROWN CLAY	-0.30m-13.50m INNER LINING - CASING = Pvc 13.50m-16.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 7.25m DBNS: RWL:		2000-05-01	302	North East
2228	Groundwater Investigation, Observation	0.00m-0.50m BROWN SILTY CLAY DRY-MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-1.50m RED BROWN SANDY CLAY MOIST 1.50m-3.00m LIGHT BROWN SANDY CLAY MOIST 3.00m-4.00m RED BROWN SANDY CLAY MOIST 4.00m-8.50m CLAYS MOIST 8.50m-10.50m SAND WET	0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-10.50m INNER LINING - SCREEN = Pvc	Date/time: 1999-08-18 0000 Quality: 47 WLMP: 3.73m DBNS: RWL:		1989-11-20	322	North East
114990	Groundwater Investigation, Observation	0.00m-0.50m LIGHT BROWN CLAYEY SILT MOIST 0.50m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-1.50m BROWN SANDY CLAY MOIST 1.50m-3.00m GREY BROWN SANDY CLAY MOIST 3.00m-5.00m GREY SANDY CLAY WET 5.00m-9.00m GREY BROWN SILTY CLAY MOIST 9.00m-10.50m FINE SAND WET 10.50m-11.50m SILTY CLAY MOIST	0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 2.09m DBNS: RWL:		1993-06-01	358	North East
WRK084361	Observation	0.00m-1.00m RED TOP SOIL 1.00m-4.00m RED SILTY CLAY 4.00m-16.00m GREYBROWN CLAY 16.00m-17.00m GREYSILT 17.00m-18.00m GREY-CLAY 18.00m-21.00m GREY-BROWN CLAY 21.00m-22.00m BROWN SAND 22.00m-27.00m GREYBROWN CLAY 27.00m-29.50m GREY-SAND 29.50m-37.00m BROWN CLAY 37.00m-40.00m BROWN SILTY CLAY 40.00m-54.00m BROWN CLAY	0.50m-26.50m INNER LINING - CASING = Pvc 26.50m-29.50m INNER LINING - SCREEN = Pvc 0.00m-22.00m OUTER LINING - GRAVEL = Cement 22.00m-23.00m OUTER LINING - GRAVEL = Seal 23.00m-30.00m OUTER LINING - GRAVEL = Gravel 30.00m-54.00m OUTER LINING - GRAVEL = Gravel			2015-04-16	388	South



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
115573	Groundwater Investigation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-3.00m GREY BROWN SILTY CLAY MOIST 3.00m-6.00m GREY BROWN SANDY CLAY MOIST 6.00m-8.50m BROWN SILTY CLAY MOIST 8.50m-11.00m MEDIUM SAND WET 11.00m-11.50m SILTY CLAY MOIST	0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-07-16 1400 Quality: 47 WLMP: 2.34m DBNS: RWL:		1993-07-13	404	North East
114777	Groundwater Investigation	0.00m-0.50m BROWN CLAYEY SILT MOIST 0.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-3.00m GREY BROWN SILTY CLAY MOIST 3.00m-6.00m GREY BROWN SANDY CLAY MOIST 6.00m-8.50m BROWN SILTY CLAY MOIST 8.50m-11.00m SAND WET	0.00m-6.26m INNER LINING - CASING = Pvc 6.26m-10.76m INNER LINING - SCREEN = Pvc 5.00m-10.76m OUTER LINING - GRAVEL = Gravel			1993-07-19	404	North East
90981	Domestic	0.00m-2.50m RED BROWN SILTY CLAY 2.50m-5.50m BROWN MEDIUM FINE SAND	0.00m-4.00m INNER LINING - CASING = Pvc 4.00m-5.50m INNER LINING - SCREEN = Pvc 3.00m-5.50m OUTER LINING - GRAVEL = Not Known		4.00m-5.50m Sand	1989-12-30	405	North
2449	Observation	0.00m-0.50m LIGHT BROWN SILTY CLAY DRY 0.50m-1.00m BROWN SILTY CLAY (BITS OF SILTSTONE) MOIST 1.00m-1.50m BROWN SILTY CLAY MOIST 1.50m-2.50m GREENY BROWN SILTY CLAY MOIST 2.50m-3.50m LIGHT BROWN SANDYY CLAY MOIST 3.50m-6.00m LIGHT BROWN CLAYEY SAND WET 6.00m-9.00m LIGHT BROWN SILTY CLAY WET 9.00m-10.50m GREY BROWN MEDIUM SAND WET 10.50m-15.00m BROWN GRITTY CLAY WET		Date/time: 2014-02-28 1626 Quality: 45 WLMP: 19.09m DBNS: 19.09m RWL: 97.92mAHD		1990-05-14	433	North East
45401	Observation			Date/time: 1990-08-29 0000 Quality: 47 WLMP: 1.61m DBNS: RWL:		1990-05-15	433	North East
114778	Groundwater Investigation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST 3.00m-4.00m GREY BROWN SANDY CLAY MOIST 4.00m-8.00m GREY BROWN SANDY CLAY WET 8.00m-11.00m SAND WET	0.00m-6.33m INNER LINING - CASING = Pvc 6.33m-10.83m INNER LINING - SCREEN = Pvc 5.00m-10.83m OUTER LINING - GRAVEL = Gravel			1993-07-19	444	North East
115572	Groundwater Investigation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-5.00m BROWN SILTY CLAY MOIST 5.00m-8.50m GREY BROWN SANDY CLAY WET 8.50m-10.50m FINE TO MEDIUM SAND WET 10.50m-11.50m SILTY CLAY MOIST	0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 2.53m DBNS: RWL:		1993-07-12	444	North East
115006	Groundwater Investigation, Observation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST	0.00m-1.00m INNER LINING - CASING = Pvc 1.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 3.00m DBNS: RWL:		1993-07-29	444	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
22001	Observation	0.00m-0.50m LIGHT BROWN SANDY CLAY MOIST 0.50m-1.00m LIGHT BROWN CLAY MOIST 1.00m-3.50m LIGHT BROWN GRITTY CLAY MOIST 3.50m-5.00m LIGHT BROWN CLAY MOIST 5.00m-8.50m LIGHT BROWN SILTY CLAY WET 8.50m-11.00m GREY AND BROWN FINE TO MEDIUM SANDS WET 11.00m-11.50m GREY AND BROWN SILTY CLAY WET		Date/time: 1993-08-12 0000 Quality: 47 WLMP: 2.37m DBNS: RWL:		1990-05-19	455	North East
125921	Groundwater Investigation	0.00m-0.50m LIGHT & DARK BROWN TOP SOIL 0.50m-1.00m BROWN SILTY CLAY 1.00m-3.00m BROWN GRAVELY CLAY 3.00m-15.00m GREY ORANGE BROWN CLAY	-0.17m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 5.37m DBNS: RWL:		1995-09-14	456	North
115574	Groundwater Investigation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST 3.00m-4.00m GREY BROWN SANDY CLAY MOIST 4.00m-8.00m BROWN SANDY CLAY WET 8.00m-10.00m FINE TO MEDIUM SAND WET 10.00m-11.00m COARSE SAND WET 11.00m-11.50m SILTY CLAY MOIST	0.00m-8.50m INNER LINING - CASING = Pvc 8.50m-11.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-07-16 1400 Quality: 47 WLMP: 2.38m DBNS: RWL:		1993-07-13	464	North East
115571	Groundwater Investigation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST 3.00m-4.00m GREY BROWN SANDY CLAY MOIST 4.00m-8.00m GREY BROWN SANDY CLAY WET 8.00m-10.00m FINE SAND WET 10.00m-10.50m COARSE SAND WET 10.50m-11.00m SILTY CLAY MOIST	0.00m-8.00m INNER LINING - CASING = Pvc 8.00m-11.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 2.60m DBNS: RWL:		1993-07-13	465	North East
115005	Groundwater Investigation, Observation	0.00m-0.50m DARK BROWN CLAYEY SILT MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST	0.00m-1.00m INNER LINING - CASING = Pvc 1.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 1.75m DBNS: RWL:		1993-07-29	465	North East
2450	Observation	0.00m-0.50m BROWN SANDY CLAY DRY 0.50m-1.00m BROWN GRITTY CLAY MOIST 1.00m-2.50m GREENY GREY CLAY MOIST 2.50m-5.50m LIGHT BROWN CLAY WET 5.50m-9.00m LIGHT BROWN SILTY CLAY WET 9.00m-10.00m LIGHT BROWN SILTY SAND WET 10.00m-10.50m LIGHT BROWN AND GREY CLAY WET		Date/time: 1991-08-05 0000 Quality: 47 WLMP: 0.97m DBNS: RWL:		1990-05-15	470	North East
22008	Observation	0.00m-0.50m LIGHT BROWN SANY CLAY 0.50m-1.00m LIGHT BROWN CLAY 1.00m-3.50m LIGHT BROWN GRITTY CLAY 3.50m-5.00m LIGHT BROWN CLAY 5.00m-8.50m LIGHT BROWN SILTY CLAY 8.50m-11.00m BROWN AND GREY MEDIUM SANDS		Date/time: 1991-08-05 0000 Quality: 47 WLMP: 1.33m DBNS: RWL:		1990-05-28	475	North East
22002	Observation	0.00m-0.50m BROWN SANDY CLAY MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-3.00m LIGHT BROWN CLAY MOIST 3.00m-5.00m BROWN CLAY MOIST 5.00m-6.50m LIGHT BROWN CLAY WET 6.50m-8.50m LIGHT BROWN SILTY CLAY WET 8.50m-11.00m GREY FINE TO MEDIUM SANDS WET 11.00m-11.50m GREENY GREY CLAY WET		Date/time: 1999-08-18 0000 Quality: 47 WLMP: 3.70m DBNS: RWL:		1990-05-20	513	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
45403	Observation			Date/time: 2012-08-15 1200 Quality: 47 WLMP: 6.00m DBNS: 6.00m RWL: 110.30 mAHD		1990-05-14	515	North East
2815	Observation	0.00m-0.50m RED BROWN CLAY MOIST 0.50m-1.00m BROWN SANDY CLAY MOIST 1.00m-2.00m LIGHT BROWN SANDY CLAY WET 2.00m-5.50m GREY BROWN SILTY CLAYS WET 5.50m-9.00m LIGHT BROWN SILTY CLAYS WET 9.00m-10.00m BROWN SILTY SAND WET 10.00m-12.00m LIGHT BROWN CLAY WET 12.00m-15.00m LIGHT BROWN SILTY CLAY WET		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 7.34m DBNS: 7.34m RWL: 108.96 mAHD		1990-05-11	515	North East
114989	Groundwater Investigation, Observation	0.00m-0.50m BROWN CLAYEY FINE SAND MOIST 0.50m-1.00m BROWN CLAYEY MEDIUM SAND MOIST 1.00m-3.00m GREY BROWN SANDY CLAY MOIST 3.00m-12.50m GREY BROWN CLAY MOIST 12.50m-13.00m FINE SAND WET 13.00m-14.00m MEDIUM SAND WET 14.00m-14.50m SILTY CLAY MOIST	0.00m-11.50m INNER LINING - CASING = Pvc 11.50m-14.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 3.76m DBNS: 3.76m RWL:		1993-06-01	518	North East
114998	Groundwater Investigation, Observation	0.00m-1.00m GREY BROWN SILTY CLAY MOIST 1.00m-2.00m DARK GREY BROWN SILTY CLAY MOIST 2.00m-15.00m BROWN SILTY CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 5.95m DBNS: 5.95m RWL:		1993-06-02	532	North East
2816	Observation	0.00m-1.00m RED BROWN SANDY CLAY MOIST 1.00m-1.50m BROWN GRITTY CLAY MOIST 1.50m-3.50m LIGHT BROWN CLAY MOIST 3.50m-5.00m BROWN CLAYEY SAND WET 5.00m-7.00m LIGHT GREY BROWN CLAY WET 7.00m-10.00m LIGHT BROWN SILTY CLAY WET 10.00m-13.00m BROWN CLAY WET 13.00m-15.00m GREY SANDY CLAY WET				1990-05-16	537	North East
125917	Groundwater Investigation	0.00m-0.50m RED SANDY TOP SOIL 0.50m-2.00m BROWN FINE SANDY CLAY 2.00m-3.00m BROWN SILTY SAND 3.00m-7.00m BROWN SANDY CLAY 7.00m-13.00m GREY & BROWN SILTY CLAY 13.00m-15.00m GRAVELY CLAY	-0.19m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 5.78m DBNS: 5.78m RWL:		1995-09-14	538	North
122666	Domestic, Stock	0.00m-1.00m HAR BROWN CLAY 1.00m-7.50m SAND CLAYS 7.50m-9.50m DIRTY BROWN SAND	-0.50m-8.00m INNER LINING - CASING = Pvc 8.00m-9.50m INNER LINING - SCREEN = Pvc 1.00m-9.50m OUTER LINING - GRAVEL = Gravel			1994-05-28	551	South West
114999	Groundwater Investigation, Observation	0.00m-0.50m GREY BROWN FINE SANDY CLAY MOIST 0.50m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-1.50m GREY BROWN SILTY CLAY MOIST 1.50m-3.50m GREY BROWN FIEN SANDY CLAY MOIST 3.50m-4.00m FINE MEDIUM WET 4.00m-4.50m COARSE SAND WET 4.50m-15.00m SILTY CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 3.50m-4.50m INNER LINING - SCREEN = Pvc 12.00m-15.00m INNER LINING - SCREEN = Not Known	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 7.05m DBNS: 7.05m RWL:		1993-06-03	567	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
115000	Groundwater Investigation, Observation	0.00m-5.00m REFER TO DRILLERS LOG NUMBERED	0.00m-3.00m INNER LINING - CASING = Pvc 3.00m-5.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 1.88m DBNS: RWL:		1993-06-03	567	North East
132042	Irrigation					1997-01-01	568	South
125920	Groundwater Investigation	0.00m-0.50m BROWN & RED TOP SOIL 0.50m-2.00m BROWN SILTY CLAY 2.00m-4.00m BROWN SANDY CLAY 4.00m-15.00m GREY-BROWN SILTY CLAY	-0.25m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 5.65m DBNS: RWL:		1995-09-18	618	North
2986	Observation	0.00m-1.00m ORANGE/BROWN SANDY CLAY DAMP 1.00m-2.50m BROWN SANDY CLAY MOIST 2.50m-3.00m BROWN SANDY CLAY DRY 3.00m-4.00m RED/BROWN SILTY CLAY MOIST 4.00m-15.00m CLAYS	0.00m-13.00m INNER LINING - CASING = Pvc 13.00m-15.00m INNER LINING - SCREEN = Slotted Pvc 13.00m-15.00m OUTER LINING - GRAVEL = Seal	Date/time: 1991-08-05 0000 Quality: 47 WLMP: 5.85m DBNS: RWL:		1989-01-23	654	North East
90966	Domestic	0.00m-1.30m REDDISH BROWN SILTY CLAY 1.30m-2.00m BROWN FINE SAND 2.00m-2.50m BROWN FINE SAND 2.50m-3.00m FINE TO MEDIUM BROWN SAND 3.00m-4.40m MED BROWN SAND BEC SL COARSER 4.40m-4.60m RED BROWN SAND & CLAY 4.60m-4.70m FIRM R-BR CLAY	0.00m-2.50m INNER LINING - CASING = Pvc 2.50m-4.50m INNER LINING - SCREEN = Pvc 4.50m-4.70m INNER LINING - CASING = Pvc 1.30m-4.00m OUTER LINING - GRAVEL = Gravel		2.50m-4.50m Sand	1985-07-28	661	North
126297	Groundwater Investigation	0.00m-0.50m REDY BROWN TOP SOIL 0.50m-6.00m BROWN SILTY CLAY	-0.23m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-12-04 1400 Quality: 47 WLMP: 4.60m DBNS: RWL:		1995-11-17	667	North
126296	Groundwater Investigation	0.00m-0.50m REDY BROWN TOP SOIL 0.50m-6.00m BROWN SILTY CLAY	-0.24m-3.00m INNER LINING - CASING = Pvc 3.00m-6.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-12-04 1400 Quality: 47 WLMP: 1.32m DBNS: RWL:		1995-11-16	667	North
115566	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-8.00m GREY BROWN SILTY CLAY MOIST 8.00m-9.00m FINE SAND WET 9.00m-10.00m MEDIUM SAND WET 10.00m-12.00m COARSE SAND WET 12.00m-12.50m SILTY CLAY MOIST	0.00m-9.50m INNER LINING - CASING = Pvc 8.00m-12.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-07-16 1400 Quality: 47 WLMP: 2.86m DBNS: RWL:		1993-07-15	684	North East
114783	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST	0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 2.00m DBNS: RWL:		1993-07-27	684	North East
114996	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SANDY CLAY MOIST 1.50m-2.50m MEDIUM SAND WET 2.50m-3.50m COARSE SAND WET 3.50m-15.00m SILTY CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 6.90m DBNS: RWL:		1993-06-03	684	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
115001	Groundwater Investigation, Observation	0.00m-4.00m REFER TO DRILLERS LOG NUMBERED	0.00m-2.00m INNER LINING - CASING = Pvc 1.50m-3.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 2.02m DBNS: RWL:		1993-06-03	684	North East
126511	Groundwater Investigation	0.00m-4.00m BROWN CLAY 4.00m-10.00m BROWN SILTY CLAY 10.00m-12.00m MEDIUM SAND 12.00m-12.50m GREY CLAY	-0.30m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 3.91m DBNS: RWL:		2000-05-03	689	East
132138	Domestic	0.00m-1.00m BROWN CLAY 1.00m-5.50m GREY CLAY 5.50m-7.50m SAND	0.00m-6.00m INNER LINING - CASING = Pvc 6.00m-7.50m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel		6.00m-7.50m Sand	1997-08-08	703	South West
2116	Groundwater Investigation	0.00m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-4.00m GREY BROWN SILTY CLAY MOIST 4.00m-9.00m SILTY CLAY MOIST TO DAMP 9.00m-11.50m SAND WET 11.50m-15.00m SILTY CLAY MOIST				1982-03-09	714	North East
125918	Groundwater Investigation	0.00m-0.50m RED TOP SOIL 0.50m-3.50m BROWN SANDY CLAY 3.50m-5.50m COARSE SAND 5.50m-15.00m BROWN SILTY CLAY	-0.20m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 5.91m DBNS: RWL:		1995-09-15	716	North
126609	Dewatering, Irrigation	0.00m-0.50m RED TOP SOIL 0.50m-3.50m BROWN SANDY CLAY 3.50m-5.50m COARSE SAND 5.50m-6.00m SILTY CLAY	-0.20m-3.50m INNER LINING - CASING = Pvc 3.50m-6.00m INNER LINING - SCREEN = Pvc 3.00m-6.00m OUTER LINING - GRAVEL = Gravel			1995-11-30	716	North
129896	Dewatering, Irrigation	0.00m-1.00m RED CLAY 1.00m-1.50m BROWN CLAY 1.50m-4.60m SAND	0.00m-1.50m INNER LINING - CASING = Pvc 1.50m-4.60m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel		1.50m-4.60m Sand	1995-06-14	716	North
126081	Groundwater Investigation	0.00m-0.50m RED TOP SOIL 0.50m-3.50m BROWN SANDY CLAY 3.50m-5.50m COARSE SAND	-0.21m-2.50m INNER LINING - CASING = Pvc 2.50m-5.50m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 0.89m DBNS: RWL:		1995-09-15	716	North
2118	Groundwater Investigation					1982-03-04	720	North East
90962	Not Known	0.00m-2.50m BROWN SILTY CLAY 2.50m-4.50m BROWN SANDY CLAY 4.50m-8.50m GREY & BROWN SILTY CLAY 8.50m-9.50m GREY & BROWN SILTY SANDY CLAY 9.50m-11.50m GREY BROWN SILTY CLAY - ABANDONED				1987-11-28	722	East
44852	Observation	0.00m-1.00m RED/BROWN CLAYEY SAND 1.00m-2.00m RED/BROWN SANDY CLAY 2.00m-3.00m GREY/BROWN HARD SILTY CLAY 3.00m-4.00m BROWN SILTY CLAY 4.00m-7.00m CLAYS 7.00m-9.50m SOFT CLAYS 9.50m-10.50m SANDS	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-10.50m INNER LINING - SCREEN = Slotted Pvc 9.50m-10.50m OUTER LINING - GRAVEL = Seal	Date/time: 1995-08-30 0000 Quality: 47 WLMP: 1.37m DBNS: RWL:		1989-01-20	722	North East
119732	Groundwater Investigation	0.00m-0.50m RED BROWN CLAY MOIST 0.50m-2.00m BROWN SILTY CLAY WET 2.00m-4.00m GREY BROWN CLAYEY SAND WET	-0.28m-2.00m INNER LINING - CASING = Pvc 2.00m-4.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-07-24 1400 Quality: 47 WLMP: 0.38m DBNS: RWL:		1995-07-19	722	North



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2985	Observation	0.00m-1.00m RED/BROWN CLAYEY SAND MOIST 1.00m-2.00m RED/BROWN SANDY CLAY DAMP 2.00m-3.00m GREY/BROWN HRAD SILTY CLAY MOI 3.00m-4.00m BROWN SILTY CLAY MOIST 4.00m-7.00m CLAYS MOIST 7.00m-9.50m SOFT CLAYS WET 9.50m-10.00m SAND 10.00m-15.00m CLAYS	0.00m-13.00m INNER LINING - CASING = Pvc 13.00m-15.00m INNER LINING - SCREEN = Slotted Pvc 13.00m-15.00m OUTER LINING - GRAVEL = Seal	Date/time: 1995-08-30 0000 Quality: 47 WLMP: 6.00m DBNS: RWL:		1989-01-23	722	North East
114784	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SILTY CLAY MOIST 1.50m-3.00m GREY BROWN SANDY CLAY MOIST	0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 2.53m DBNS: RWL:		1993-07-27	723	North East
126295	Groundwater Investigation	0.00m-0.50m RED & BROWN SANDY TOP SOIL 0.50m-2.50m BROWN SANDY CLAY 2.50m-3.50m FINE SAND 3.50m-5.00m COARSE SAND 5.00m-5.50m SILTY CLAY	-0.20m-2.50m INNER LINING - CASING = Pvc 2.50m-5.50m INNER LINING - SCREEN = Pvc	Date/time: 1995-12-04 1400 Quality: 47 WLMP: 1.30m DBNS: RWL:		1995-11-16	727	North
90982	Domestic	0.00m-2.50m BROWN SILTY SANDY CLAY 2.50m-5.00m BROWN MEDIUM COARSE SAND 5.00m-5.50m BROWN MEDIUM COARSE SANDY CLAY	0.00m-4.00m INNER LINING - CASING = Pvc 4.00m-5.50m INNER LINING - SCREEN = Pvc 3.00m-5.50m OUTER LINING - GRAVEL = Not Known		4.00m-5.50m Sand	1990-01-19	727	North
140475	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-4.00m BROWN CLAY	-0.30m-1.00m INNER LINING - CASING = Pvc 1.00m-4.00m INNER LINING - SCREEN = Pvc 1.00m-4.00m OUTER LINING - GRAVEL = Gravel	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 4.00m DBNS: RWL:	1.00m-4.00m Clay	2000-08-02	728	East
140474	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-5.50m BROWN CLAY 5.50m-7.50m BROWN SILTY CLAY 7.50m-9.00m MEDIUM SAND 9.00m-10.00m BROWN CLAY	-0.30m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 3.96m DBNS: RWL:		2000-08-02	728	East
128468	Groundwater Investigation	0.00m-5.00m BROWN CLAY MOIST 5.00m-10.00m BROWN SILTY CLAY MOIST 10.00m-11.00m SANDY CLAY WET 11.00m-19.50m BROWN & GREY CLAY MOIST 19.50m-21.00m MEDIUM SAND WET 21.00m-22.00m BROWN CLAY MOIST	-0.25m-19.50m INNER LINING - CASING = Pvc 19.50m-22.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-04 1400 Quality: 47 WLMP: 4.30m DBNS: RWL:		1997-01-30	728	South East
125919	Groundwater Investigation	0.00m-0.50m RED & BROWN SANDY TOP SOIL 0.50m-2.00m RED SANDY CLAY 2.00m-5.00m COARSE SAND 5.00m-15.00m GREY & BROWN SANDY CLAY	-0.17m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 5.83m DBNS: RWL:		1995-09-15	730	North
126082	Groundwater Investigation	0.00m-0.50m RED & BROWN SANDY TOP SOIL 0.50m-2.00m RED SANDY CLAY 2.00m-5.00m COARSE SAND 5.00m-5.50m SILTY CLAY	-0.18m-2.50m INNER LINING - CASING = Pvc 2.50m-5.50m INNER LINING - SCREEN = Pvc	Date/time: 1995-09-25 1400 Quality: 47 WLMP: 1.19m DBNS: RWL:		1995-09-18	730	North
114997	Groundwater Investigation, Observation	0.00m-1.00m BROWN SILTY CLAY MOIST 1.00m-2.50m GREY BROWN CLAYEY SILT MOIST 2.50m-3.50m GREY BROWN CLAYEY SILT WET 3.50m-4.00m FINE SAND WET 4.00m-5.00m COARSE SAND WET 5.00m-15.00m SILTY CLAY MOIST	0.00m-12.00m INNER LINING - CASING = Pvc 3.50m-5.00m INNER LINING - SCREEN = Pvc 12.00m-15.00m INNER LINING - SCREEN = Not Known	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 6.30m DBNS: RWL:		1993-06-04	731	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
115004	Groundwater Investigation	0.00m-3.00m REFER TO DRILLERS LOG NUMBERED	0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 1.19m DBNS: RWL:		1993-07-27	731	North East
115003	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN FINE SANDY CLAY MOIST 0.50m-1.00m BROWN FINE SANDY CLAY MOIST 1.00m-9.00m BROWN SILTY CLAY MOIST 9.00m-10.50m MEDIUM SAND WET 10.50m-12.00m COARSE SAND WET 12.00m-12.50m SILTY CLAY MOIST	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 2.95m DBNS: RWL:		1993-07-27	731	North East
115002	Groundwater Investigation, Observation	0.00m-5.50m REFER TO DRILLERS LOG NUMBERED	0.00m-3.50m INNER LINING - CASING = Pvc 3.50m-5.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-06-07 1400 Quality: 47 WLMP: 1.90m DBNS: RWL:		1993-06-04	731	North East
WRK006986	Dewatering	1.00m-2.00m RED SANDY CLAY 2.00m-5.30m SAND	0.00m-5.30m INNER LINING - CASING = Pvc 3.30m-5.30m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel			1994-06-15	732	North East
127485	Domestic	0.00m-2.00m RED SILTY CLAY 2.00m-4.60m SAND	0.00m-2.60m INNER LINING - CASING = Pvc 2.60m-4.60m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel			1995-11-16	736	North
126610	Dewatering, Irrigation	0.00m-0.50m RED TOP SOIL 0.50m-3.50m BROWN SANDY CLAY 3.50m-5.00m COARSE SAND 5.00m-5.50m SILTY CLAY	-0.20m-3.00m INNER LINING - CASING = Pvc 3.00m-5.50m INNER LINING - SCREEN = Pvc 2.00m-5.50m OUTER LINING - GRAVEL = Gravel			1995-11-30	737	North
116504	Groundwater Investigation	0.00m-0.50m RED BROWN CLAY MOIST 0.50m-4.00m BROWN & GREY CLAY WET	-0.30m-2.00m INNER LINING - CASING = Pvc 2.00m-4.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-07-24 1400 Quality: 47 WLMP: 0.50m DBNS: RWL:		1995-07-19	737	North
115569	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SANDY CLAY MOIST 1.50m-3.00m GREY BROWN SANDY CLAY MOIST 3.00m-8.00m BROWN SILTY CLAY MOIST 8.00m-8.50m FINE SAND WET 8.50m-11.00m MEDIUM SAND WET 11.00m-12.00m COARSE SAND WET 12.00m-12.50m SILTY CLAY MOIST	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-07-16 1400 Quality: 47 WLMP: 3.00m DBNS: RWL:		1993-07-14	742	North East
115570	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SANDY CLAY MOIST 1.50m-3.00m GREY BROWN SANDY CLAY MOIST 3.00m-8.00m BROWN SILTY CLAY MOIST 8.00m-12.00m SAND WET	0.00m-7.40m INNER LINING - CASING = Pvc 7.40m-11.90m INNER LINING - SCREEN = Pvc			1993-07-16	742	North East
115568	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SILTY CLAY MOIST 1.50m-3.00m GREY BROWN SANDY CLAY MOIST 3.00m-10.50m BROWN SILTY CLAY MOIST 10.50m-11.00m FINE TO MEDIUM SAND WET 11.00m-12.00m COARSE SAND WET 12.00m-12.50m SILTY CLAY MOIST	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 3.08m DBNS: RWL:		1993-07-14	743	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
140471	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-4.00m BROWN CLAY	-0.30m-1.00m INNER LINING - CASING = Pvc 1.00m-4.00m INNER LINING - SCREEN = Pvc 1.00m-4.00m OUTER LINING - GRAVEL = Gravel	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 4.00m DBNS: RWL:	1.00m-4.00m Clay	2000-08-02	749	East
140470	Groundwater Investigation	0.00m-0.50m BROWN CLAYEY TOPSOIL 0.50m-4.00m BROWN CLAY 4.00m-7.00m BROWN SILTY CLAY 7.00m-7.50m MEDIUM SAND 7.50m-9.50m BROWN SILTY CLAY 9.50m-14.00m MEDIUM SAND 14.00m-14.50m BROWN CLAY	-0.30m-11.50m INNER LINING - CASING = Pvc 11.50m-14.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 4.23m DBNS: RWL:		2000-08-02	749	East
42516	Groundwater Investigation	9.00m-12.00m GREY BROWN MED COARSE SAND		Date/time: 1987-08-17 1400 Quality: 47 WLMP: 2.70m DBNS: RWL:		1982-03-04	766	North East
90902	Groundwater Investigation					1950-01-01	766	North East
90903	Groundwater Investigation	9.00m-12.00m YELLOW BROWN COARSE SAND				1982-04-14	766	North East
131038	Not Used - Capped	0.00m-2.00m BROWN RED CLAY 2.00m-3.00m BROWN GREY CLAY 3.00m-6.00m SAND 6.00m-0.00m BORE HAS BEEN CULTIVATED OVER	0.00m-6.00m INNER LINING - CASING = Pvc 4.00m-6.00m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel			1996-11-19	766	North
119731	Groundwater Investigation	0.00m-0.50m RED BROWN CLAY MOIST 0.50m-2.00m BROWN SILTY CLAY WET 2.00m-2.50m GREY BROWN CLAYEY SAND WET 2.50m-4.00m GREY BROWN SILTY CLAY WET	-0.30m-2.00m INNER LINING - CASING = Pvc 2.00m-4.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-07-24 1400 Quality: 47 WLMP: 0.58m DBNS: RWL:		1995-07-19	769	North
42513	Groundwater Investigation	9.00m-11.00m YELLOW BROWN MED FINE SAND				1982-03-24	776	North East
2283	Groundwater Investigation, Observation	0.00m-0.50m BR ZC DRY 0.50m-1.00m BR ZC MOIST 1.00m-2.50m BR ZCS MOIST 2.50m-3.00m BR ZCS WET 3.00m-4.00m BR ZC MOIST 4.00m-7.50m GRY BR ZC MOIST 7.50m-13.50m BR GRY ZC MOIST 13.50m-15.00m GRY ZC MOIST 15.00m-20.00m BR GRY ZC MOIST		Date/time: 1993-08-12 0000 Quality: 47 WLMP: 6.64m DBNS: 6.54m RWL: 109.00 mAHD		1976-09-30	776	North
42587	Groundwater Investigation, Observation			Date/time: 1993-08-12 0000 Quality: 47 WLMP: 1.19m DBNS: 1.09m RWL: 114.48 mAHD		1950-01-01	776	North
114781	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.00m RED BROWN SANDY CLAY MOIST 1.00m-2.00m BROWN SANDY CLAY MOIST 2.00m-9.50m GREY BROWN SILTY CLAY MOIST 9.50m-10.50m GINE SAND WET 10.50m-11.50m MEDIUM SAND WET 11.50m-12.00m SILTY CLAY MOIST	0.00m-9.00m INNER LINING - CASING = Pvc 9.00m-12.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 3.03m DBNS: RWL:		1993-07-29	785	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
114782	Groundwater Investigation, Observation	0.00m-3.00m REFER TO DRILLERS LOG NUMBERED	0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-3.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-08-06 0000 Quality: 47 WLMP: 3.00m DBNS: RWL:		1993-07-28	785	North East
115567	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-2.50m LIGHT BROWN GREY SILTY CLAY MOIST 2.50m-9.50m BROWN SILTY CLAY MOIST 9.50m-10.50m FINE SAND WET 10.50m-12.00m MEDIUM SAND WET 12.00m-12.50m SILTY CLAY MOIST	0.00m-9.50m INNER LINING - CASING = Pvc 9.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1993-07-16 1400 Quality: 47 WLMP: 3.03m DBNS: RWL:		1993-07-15	794	North East
128467	Groundwater Investigation	0.00m-2.00m BROWN SILTY CLAYS MOIST 2.00m-2.50m BROWN SAND MOIST 2.50m-4.50m MEDIUM COARSE SAND WET 4.50m-5.50m BROWN & GREY CLAY MOIST	-0.15m-2.50m INNER LINING - CASING = Pvc 2.50m-4.50m INNER LINING - SCREEN = Pvc			1997-01-10	797	North
139691	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-5.00m BROWN GREY CLAY 5.00m-7.00m BROWN SILTY CLAY	-0.30m-4.00m INNER LINING - CASING = Pvc 4.00m-7.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-15 1400 Quality: 47 WLMP: 3.82m DBNS: RWL:	4.00m-7.00m Clay	2000-05-11	810	South East
119730	Groundwater Investigation	0.00m-0.50m BROWN SILTY CLAY MOIST 0.50m-1.00m RED BROWN CLAY MOIST 1.00m-3.50m BROWN & GREY CLAY DRY	-0.24m-1.50m INNER LINING - CASING = Pvc 1.50m-3.50m INNER LINING - SCREEN = Pvc	Date/time: 1995-07-24 1400 Quality: 47 WLMP: 2.48m DBNS: RWL:		1995-07-19	811	North
126510	Groundwater Investigation	0.00m-3.00m BROWN CLAY 3.00m-7.00m BROWN SILTY CLAY 7.00m-12.00m BROWN CLAY AND GRAVEL 12.00m-16.00m BROWN CLAY	-0.30m-12.00m INNER LINING - CASING = Pvc 12.00m-16.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 6.35m DBNS: RWL:		2000-05-03	818	East
140472	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-2.50m BROWN SANDY CLAY AND GRAVEL 2.50m-4.00m BROWN CLAY 4.00m-10.00m BROWN SILTY CLAY 10.00m-11.00m MEDIUM SAND 11.00m-12.00m BROWN CLAY	-0.30m-9.00m INNER LINING - CASING = Pvc 9.00m-12.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 4.14m DBNS: RWL:		2000-08-03	819	East
2117	Groundwater Investigation	0.00m-1.00m YELLOW BROWN SILTY CLAY MOIST 1.00m-2.50m BROWN SANDY CLAY MOIST 2.50m-4.00m RED BROWN SILTY CLAY MOIST 4.00m-9.00m SILTY AND SANDY CLAY MOIST TO DAMP 9.00m-12.00m SAND WET 12.00m-15.00m SILTY CLAY MOIST				1982-03-09	819	North East
140473	Groundwater Investigation	0.00m-0.50m BROWN TOP SOIL 0.50m-2.50m BROWN SANDY CLAY AND GRAVEL 2.50m-4.00m BROWN CLAY	-0.30m-1.00m INNER LINING - CASING = Pvc 1.00m-4.00m INNER LINING - SCREEN = Pvc 1.00m-4.00m OUTER LINING - GRAVEL = Gravel	Date/time: 2000-08-04 1400 Quality: 47 WLMP: 4.00m DBNS: RWL:	1.00m-4.00m Clay	2000-08-03	819	East
WRK006985	Dewatering	0.00m-1.20m RED CLAY 1.20m-10.00m SANDY CLAY 10.00m-12.00m SAND	0.00m-10.00m INNER LINING - CASING = Pvc 10.00m-12.00m INNER LINING - SCREEN = Screened Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel			1994-07-17	829	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
129078	Groundwater Investigation	0.00m-1.00m BROWN CLAY DRY 1.00m-4.50m BROWN CLAY MOIST 4.50m-7.00m BROWN SILTY CLAY MOIST 7.00m-10.00m BROWN CLAY MOIST	-0.25m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-28 1400 Quality: 47 WLMP: 2.72m DBNS: RWL:		1997-02-25	838	South East
2351	Groundwater Investigation	0.00m-1.50m BR ZC MOIST 1.50m-4.00m GRY BR ZC MOIST 4.00m-4.50m BR ZC MOIST 4.50m-8.50m GRY BR ZC MOIST 8.50m-11.00m BR GRY ZC MOIST 11.00m-12.50m GRY BR ZC MOIST 12.50m-13.00m RD BR GRY SZC MOIST 13.00m-15.00m BR GRY ZC MOIST 15.00m-15.50m BR ZSC MOIST 15.50m-17.50m BR GRY ZC MOIST 17.50m-18.50m RD BR GRY ZC MOIST 18.50m-19.50m BR GRY ZC MOIST 19.50m-20.00m GRY BR ZC MOIST 20.00m-21.00m BR GRY ZC MOIST 21.00m-24.00m GRY BR ZC MOIST 24.00m-25.00m BR GRY ZC MOIST				1950-01-01	840	North
2352	Groundwater Investigation	0.00m-1.50m BR ZC MOIST 1.50m-2.50m BR SZC DRY 2.50m-3.50m BR ZC DRY 3.50m-5.00m BL GRY BR SZC MOIST 5.00m-5.50m BR ZC MOIST 5.50m-6.50m BL GRY BR ZC MOIST 6.50m-8.50m GRY BR ZC MOIST 8.50m-9.50m BR GRY ZC MOIST 9.50m-11.00m GRY BR ZC MOIST 11.00m-12.00m BR GRY ZSC MOIST 12.00m-13.00m GRY SZC MOIST 13.00m-14.00m GRY BR SZC MOIST 14.00m-15.50m GRY ZC MOIST 15.50m-17.00m BR GRY ZC MOIST 17.00m-20.50m GRY BR ZC MOIST 20.50m-24.50m BR GRY ZC MOIST 24.50m-25.00m RD GRY BR SZC MOIST				1975-11-03	856	North
119851	Domestic, Stock	0.00m-0.30m REDISH BROWN TOPSOIL 0.30m-3.50m RED-BROWN CLAY BEOMING SILTY 3.50m-4.30m SILTY & SNAD BROWN CLAY 4.30m-5.00m BROWN SAND LIT CLAY 5.00m-8.60m BROWN TO GREY SOFT SILT & CLAY & VERY FINE SAND 8.60m-10.40m BROWN SAND MED TO FINE WITH DD FIRM SEAM 10.40m-11.50m FIRM BROWN-GREY CLAY	-0.15m-8.50m INNER LINING - CASING = Pvc Class 9 0.00m-11.50m INNER LINING - CASESCRN = Not Known 8.50m-9.90m INNER LINING - SCREEN = Not Known 9.90m-10.50m INNER LINING - SCREEN = Slotted Pvc 10.50m-11.50m INNER LINING - CASING = Pvc Class 9 3.50m-10.50m OUTER LINING - GRAVEL = Gravel			1993-08-05	861	South West
2984	Observation			Date/time: 1995-08-30 0000 Quality: 47 WLMP: 1.00m DBNS: RWL:		1989-03-17	867	North East
2353	Groundwater Investigation	0.00m-0.50m BR ZC DRY 0.50m-2.00m BR SZC DRY 2.00m-4.50m BR SZC MOIST 4.50m-7.00m GRY BR ZC MOIST 7.00m-7.50m GRY BR SZC MOIST 7.50m-8.00m GRY BR ZC MOIST 8.00m-8.50m BR GRY ZC MOIST 8.50m-9.50m GRY BR ZC MOIST 9.50m-10.00m GREY BR SZC MOIST 10.00m-10.50m BR SC WET 10.50m-11.50m BR ZSC WET 11.50m-12.00m BR GRY SZC MOIST 12.00m-12.50m GRY BR SZC MOIST 12.50m-13.50m BR GRY SZC MOIST 13.50m-14.00m GRY BR ZC MOIST 14.00m-14.50m GRY BR SZC MOIST 14.50m-15.50m BR SZC WET 15.50m-16.00m GRY BR SZC WET 16.00m-17.00m GRY BR ZC MOIST 17.00m-18.00m BR GRY ZC MOIST 18.00m-20.00m BR GRY ZC MOIST				1975-11-06	887	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
128469	Groundwater Investigation	0.00m-5.50m BROWN CLAY MOIST 5.50m-7.00m BROWN SILTY CLAY MOIST 7.00m-9.00m FINE SAND WET 9.00m-10.00m BROWN & GREY CLAY MOIST	-0.25m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-04 1400 Quality: 47 WLMP: 2.30m DBNS: RWL:		1997-01-31	891	East
2115	Groundwater Investigation	0.00m-1.50m BROWN SILTY CLAY MOIST 1.50m-2.50m YELLOW BROWN SILTY CLAY MOIST 2.50m-9.50m YELLOW BROWN SANDY CLAY MOIST TO DAMP 9.50m-12.00m SAND WET 12.00m-15.00m SILTY CLAY MOIST				1982-03-05	896	North East
42512	Groundwater Investigation	9.00m-12.00m YELLOW BROWN MED FINE SAND]				1982-04-26	896	North East
42511	Groundwater Investigation	9.00m-10.50m YELLOW BROWN FINE SAND				1982-04-08	896	North East
137088	Groundwater Investigation	0.00m-2.00m BROWN GRITTY CLAY MOIST 2.00m-3.00m MEDIUM COARSE SAND MOIST 3.00m-6.00m MEDIUM COARSE SAND WET 6.00m-7.00m BROWN CLAY MOIST	-0.30m-4.00m INNER LINING - CASING = Pvc 4.00m-7.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-01-19 1400 Quality: 47 WLMP: 3.66m DBNS: RWL:	4.00m-7.00m Sand	2000-01-18	904	South East
22090	Observation	0.00m-1.00m BROWN SANDY CLAY MOIST 1.00m-2.00m GREY BROWN CLAY MOIST 2.00m-3.00m GREENY BROWN CLAY MOIST 3.00m-5.00m LIGHT BROWN CLAY MOIST 5.00m-6.00m LIGHT BROWN SILTY CLAY WET 6.00m-7.50m BROWN CLAYEY SAND WET 7.50m-8.50m BROWN AND GREY CLAY WET		Date/time: 1991-08-05 0000 Quality: 47 WLMP: 3.60m DBNS: RWL:		1991-04-09	914	North
2354	Groundwater Investigation, Observation	0.50m-1.50m BROWN CLAY 2.00m-2.50m BROWN S/C 3.00m-4.50m BROWN CLAY GRAVELS 5.00m-7.00m GREY BROWN CLAY 7.50m-10.00m YELLOW CLAY 10.50m-12.00m GREY BROWN CLAY 12.50m-13.00m YELLOW S/C 13.00m-14.50m BROWN GREY CLAY 15.00m-17.50m GREY RED CLAY 18.00m-21.00m BROWN GREY CLAY 21.50m-22.00m GREY BROWN S/C 22.50m-30.00m GREY BROWN CLAY		Date/time: 2013-06-18 1200 Quality: 47 WLMP: 9.83m DBNS: 9.71m RWL: 106.40 mAHD		1976-06-25	923	North East
42605	Groundwater Investigation, Observation			Date/time: 2012-11-22 1200 Quality: 47 WLMP: 1.72m DBNS: 1.57m RWL: 114.54 mAHD		1950-01-01	923	North East
128470	Groundwater Investigation	0.00m-5.00m BROWN CLAY MOIST 5.00m-7.00m BROWN SILTY CLAY MOIST 7.00m-9.50m FINE MEDIUM SAND WET 9.50m-10.00m GREY CLAY MOIST	-0.25m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-04 1400 Quality: 47 WLMP: 2.81m DBNS: RWL:		1997-02-03	928	South East
139692	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-3.00m BROWN CLAY AND GRAVEL 3.00m-5.50m MEDIUM SAND 5.50m-7.00m BROWN GREY SILTY CLAY	-0.30m-4.00m INNER LINING - CASING = Pvc Class 9 4.00m-7.00m INNER LINING - SCREEN = Pvc Class 9	Date/time: 2000-05-15 1400 Quality: 47 WLMP: 3.58m DBNS: RWL:	4.00m-7.00m Clay	2000-05-11	947	South East



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2819	Observation	0.00m-2.00m GREY BROWN CLAY MOIST 2.00m-5.00m BROWN CLAY MOIST 5.00m-7.50m LIGHT BROWN SILTY CLAY MOIST 7.50m-11.50m LIGHT BROWN SILTY CLAY WET 11.50m-15.00m BROWN CLAY WET		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 7.10m DBNS: 7.10m RWL: 109.85 mAHD		1990-05-22	994	North East
126509	Groundwater Investigation	0.00m-1.00m BROWN CLAY 1.00m-3.50m GREY CLAY 3.50m-4.50m BROWN SILTY CLAY 4.50m-7.00m BROWN CLAY 7.00m-9.00m BROWN SILTY CLAY 9.00m-10.00m MEDIUM SAND 10.00m-11.00m GREY CLAY	-0.30m-8.00m INNER LINING - CASING = Pvc 8.00m-11.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-05-05 1400 Quality: 47 WLMP: 3.61m DBNS: 3.61m RWL:		2000-05-03	1001	East
121447	Groundwater Investigation	0.00m-1.00m BROWN SANDY CLAY MOIST 1.00m-4.00m BROWN SILTY CLAY MOIST 4.00m-4.50m FINE SAND WET 4.50m-10.00m SILTY CLAY	0.00m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1994-07-13 1400 Quality: 47 WLMP: 5.40m DBNS: 5.40m RWL:		1994-06-28	1028	West
129079	Groundwater Investigation	0.00m-2.50m BROWN GRITTY CLAY DRY 2.50m-9.50m BROWN CLAY MOIST	-0.25m-6.50m INNER LINING - CASING = Pvc 6.50m-9.50m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-28 1400 Quality: 47 WLMP: 4.59m DBNS: 4.59m RWL:		1997-02-26	1028	East
2030	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 1.32m DBNS: 1.33m RWL: 113.09 mAHD		1950-01-01	1040	North
2048	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 0.53m DBNS: 0.45m RWL: 115.17 mAHD		1950-01-01	1048	North East
121448	Groundwater Investigation	0.00m-10.00m BROWN SILTY CLAY MOIST	0.00m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1994-07-13 1400 Quality: 47 WLMP: 3.52m DBNS: 3.52m RWL:		1994-06-28	1065	West
22009	Observation	0.00m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-2.00m LIGHT BROWN SILTY CLAY WET 2.00m-4.50m LIGHT BROWN CLAYEY SAND WET 4.50m-5.50m BROWN CLAY WET		Date/time: 1995-08-30 0000 Quality: 47 WLMP: 2.00m DBNS: 2.00m RWL:		1990-05-25	1067	North East
121532	Groundwater Investigation	0.00m-1.50m BROWN SILTY CLAY MOIST 1.50m-3.00m COARSE SAND WET 3.00m-4.00m SILTY CLAY	0.00m-1.00m INNER LINING - CASING = Pvc 1.00m-4.00m INNER LINING - SCREEN = Pvc	Date/time: 1994-07-13 1400 Quality: 47 WLMP: 1.78m DBNS: 1.78m RWL:		1994-06-29	1068	West

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
116045	Groundwater Investigation	0.00m-0.50m RED BROWN CLAYEY SILT MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-9.00m GREY BROWN SILTY MOIST 9.00m-9.50m MEDIUM SAND WET 9.50m-12.00m SILTY CLAY MOIST	0.00m-9.00m INNER LINING - CASING = Pvc 9.00m-12.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-09-01 1400 Quality: 47 WLMP: 3.12m DBNS: RWL:		1993-08-31	1083	North East
2818	Observation	0.00m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-2.00m BROWN SANDY CLAY MOIST 2.00m-5.00m GREY BROWN CLAY MOIST 5.00m-7.00m GREY SILTY CLAY MOIST 7.00m-10.00m GREY BROWN SANDY CLAY MOIST 10.00m-11.50m GREY BROWN GRITTY CLAY MOIST		Date/time: 2002-08-29 1500 Quality: 47 WLMP: 7.95m DBNS: RWL:		1990-05-22	1083	North East
121446	Groundwater Investigation	0.00m-3.50m BROWN SILTY CLAY MOSIT 3.50m-4.50m FINE TO MEDIUM SAND WET 4.50m-5.00m SILTY CLAY MOIST	0.00m-2.00m INNER LINING - CASING = Pvc 2.00m-5.00m INNER LINING - SCREEN = Pvc	Date/time: 1994-07-13 1400 Quality: 47 WLMP: 2.10m DBNS: RWL:		1994-06-28	1086	West
115563	Groundwater Investigation	0.00m-1.00m RED BROWN CLAY MOIST 1.00m-4.00m BROWN SILTY CLAY MOIST 4.00m-7.50m LIGHT BROWN SILTY CLAY MOIST 7.50m-9.50m COARSE CLAYEY SAND WET 9.50m-10.50m GREY AND BROWN CLAY MOIST	0.00m-6.58m INNER LINING - CASING = Pvc 6.58m-10.50m INNER LINING - SCREEN = Pvc 10.00m-10.50m OUTER LINING - GRAVEL = Gravel			1993-06-29	1086	North East
129080	Groundwater Investigation	0.00m-1.50m BROWN CLAY DRY 1.50m-5.50m BROWN CLAY MOIST 5.50m-9.50m BROWN SANDY CLAY MOIST	-0.25m-6.50m INNER LINING - CASING = Pvc 6.50m-9.50m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-28 1400 Quality: 47 WLMP: 4.44m DBNS: RWL:		1997-02-27	1088	East
2817	Observation	0.00m-1.00m BROWN SANDY CLAY MOIST 1.00m-1.50m GREY BROWN SANDY CLAY MOIST 1.50m-2.50m BROWN CLAYEY SAND WET 2.50m-5.50m BROWN/YELLOW, WHITE COARSE SAND WET		Date/time: 1996-08-14 0000 Quality: 47 WLMP: 2.54m DBNS: RWL:		1990-05-25	1092	North East
2355	Groundwater Investigation	0.50m-2.50m BROWN CLAY 3.00m-3.50m GREY BROWN CLAY 3.50m-4.00m GREY BROWN S/C 4.00m-4.50m GREY BROWN CLAY 4.50m-5.00m BROWN CLAY 5.00m-6.00m YELLOW BROWN CLAY 6.50m-7.00m BROWN CLAY 7.00m-7.50m GREY YELLOW CLAY 7.50m-8.00m BROWN YELLOW S/C 8.00m-10.00m GREY YELLOW S/C 10.50m-11.50m BROWN MED SAND 12.00m-12.50m GREY YELLOW S/C 12.50m-13.00m GREY CLAY 13.00m-13.50m BROWN GREY CLAY 13.50m-14.00m GREY CLAY GRAVELS 14.50m-15.00m GREY YELLOW CLAY GRAVELS 15.50m-16.50m GREY RED CLAY 17.00m-18.00m BROWN GREY CLAY 18.50m-19.50m GREY BROWN CLAY 20.00m-21.50m GREY BROWN S/C 22.00m-22.50m BROWN CLAY GRAVELS 22.50m-24.00m BROWN GREY CLAY 24.50m-25.00m GREY YELLOW S/C				1976-06-23	1093	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
112976	Groundwater Investigation	0.00m-0.50m BROWN SANDY CLAY MOIST 0.50m-1.50m BROWN SILTY CLAY MOIST 1.50m-2.50m GREY CLAY MOIST 2.50m-5.00m BROWN CLAY MOIST 5.00m-6.00m BROWN SILTY CLAY MOIST 6.00m-8.00m BROWN AND GREY CLAY MOIST 8.00m-10.00m LIGHT BROWN SAND CLAY WET 10.00m-12.00m GREY BROWN GRITTY CLAY MOIST	0.00m-12.00m INNER LINING - SCREEN = Not Known 0.00m-12.00m OUTER LINING - GRAVEL = Gravel			1992-12-17	1099	North East
70234	Groundwater Investigation		0.00m-107.28m INNER LINING - CASESCRN = Not Known			1967-12-31	1107	South
129100	Groundwater Investigation	0.00m-5.00m BROWN GRITTY CLAY MOIST	-0.25m-3.50m INNER LINING - CASING = Pvc 3.50m-5.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-10-07 1400 Quality: 47 WLMP: 2.70m DBNS: RWL:	3.50m-5.00m Clay	1997-10-01	1109	East
112977	Groundwater Investigation	0.00m-0.50m RED BROWN SANDY CLAY MOIST 0.50m-2.00m BROWN SILTY CLAY MOIST 2.00m-2.50m BROWN SILTY CLAY WET 2.50m-3.50m GRYE CLAY MOIST 3.50m-8.00m ORANGEY BROWN AND GREY CLAY MOIST 8.00m-11.00m GREY BROWN SANDY CLAY WET 11.00m-12.00m GREY CLAY MOIST	0.00m-11.60m INNER LINING - SCREEN = Not Known 0.00m-11.60m OUTER LINING - GRAVEL = Gravel			1992-12-17	1120	North East
2047	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 0.58m DBNS: 0.56m RWL: 114.50 mAHD		1950-01-01	1126	North West
129099	Groundwater Investigation	0.00m-5.00m BROWN CLAY MOIST	-0.25m-3.50m INNER LINING - CASING = Pvc 3.50m-5.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-10-07 1400 Quality: 47 WLMP: 3.38m DBNS: RWL:	3.50m-5.00m Clay	1997-10-01	1129	East
120143	Domestic & Stock, Dewatering					1800-01-01	1133	North East
22005	Observation	0.00m-1.00m BROWN SANDY CLAY MOIST 1.00m-2.50m GREY BROWN SILTY CLAY MOIST 2.50m-3.00m GREY BROWN SILTY CLAY WET 3.00m-5.50m GRET CLAY WET		Date/time: 1999-08-18 0000 Quality: 47 WLMP: 1.93m DBNS: RWL:		1990-05-29	1141	North East
127705	Groundwater Investigation	0.00m-1.00m BROWN CLAY MOIST 1.00m-2.00m BROWN GRITTY CLAY MOIST 2.00m-4.00m MEDIUM COARSE SAND WET 4.00m-5.00m BROWN & GREY CLAY MOIST	-0.25m-2.50m INNER LINING - CASING = Pvc 2.50m-5.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-04 1400 Quality: 47 WLMP: 2.09m DBNS: RWL:		1997-02-03	1148	East
129084	Groundwater Investigation	0.00m-1.00m BROWN CLAY MOIST 1.00m-2.50m BROWN SANDY CLAY MOIST 2.50m-4.50m COARSE SAND WET 4.50m-5.00m BROWN CLAY MOIST	-0.20m-2.50m INNER LINING - CASING = Pvc 2.50m-5.00m INNER LINING - SCREEN = Pvc 1.00m-5.00m OUTER LINING - GRAVEL = Gravel			1997-04-01	1148	East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
128471	Groundwater Investigation	0.00m-1.00m BROWN CLAY MOIST 1.00m-2.00m BROWN GRITTY CLAY MOIST 2.00m-4.00m MEDIUM COARSE SAND WET 4.00m-16.50m BROWN & GREY CLAY MOIST 16.50m-19.50m BROWN SILTY CLAY MOIST 19.50m-21.50m FINE SAND WET 21.50m-22.00m GREY CLAY MOIST	-0.20m-19.50m INNER LINING - CASING = Pvc 19.50m-22.00m INNER LINING - SCREEN = Pvc	Date/time: 1997-02-04 1400 Quality: 47 WLMP: 4.58m DBNS: RWL:		1997-02-03	1148	East
90930	Miscellaneous		0.00m-0.60m INNER LINING - CASING = Not Known 0.60m-10.05m INNER LINING - SCREEN = Not Known			1975-01-10	1156	North East
2051	Groundwater Investigation	0.50m-1.00m RED BROWN SILTY CLAY DRY 1.00m-1.50m BROWN SILTY CLAY DRY 2.00m-5.50m BROWN SILTY CLAY WITH GRAVELS DAMP 5.50m-6.00m BROWN SILTY CLAY DAMP 6.50m-7.50m YELLOW BROWN SILTY CLAY DAMP 8.00m-9.00m YELLOW BROWN SILTY CLAY WITH GREY WET 9.50m-11.50m BROWN MEDIUM SAND WATER 11.50m-12.00m YELLOW BROWN SILTY CLAY WITH GREY WET 12.00m-13.00m GREY SILTY CLAY 13.00m-13.50m YELLOW BROWN SANDY CLAY WITH GREY DAMP 14.00m-16.00m GREY SILTY CLAY WITH BROWN DAMP 16.50m-20.00m BROWN SILTY CLAY		Date/time: 1999-03-05 1400 Quality: 47 WLMP: 5.18m DBNS: RWL:		1978-04-27	1196	North East
131178	Domestic	0.00m-1.00m RED CLAY 1.00m-3.00m LIGHT BROWN CLAY 3.00m-4.50m WHITE CLAY 4.50m-6.00m SAND	0.00m-4.50m INNER LINING - CASING = Pvc 4.50m-6.00m INNER LINING - SCREEN = Pvc 0.00m-0.00m OUTER LINING - GRAVEL = Gravel			1997-02-05	1217	South
2820	Observation	0.00m-0.50m BROWN SANDY CLAY MOIST 0.50m-1.50m BROWN CLAY MOIST 1.50m-4.50m LIGHT BROWN CLAY MOIST 4.50m-6.00m LIGHT BROWN GRITTY SILTY CLAY MOIST 6.00m-9.50m LIGHT GREY BROWN SILTY CLAY WET 9.50m-13.00m GREY CLAY WET 13.00m-15.00m BROWN AND GREY CLAY WET		Date/time: 2005-09-02 1200 Quality: 47 WLMP: 4.10m DBNS: RWL:		1990-05-21	1217	North East
116046	Groundwater Investigation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-2.00m BROWN FINE SANDY CLAY MOIST 2.00m-12.00m GREY BROWN SILTY CLAY MOIST	0.00m-9.00m INNER LINING - CASING = Pvc 9.00m-12.00m INNER LINING - SCREEN = Pvc	Date/time: 1993-09-01 1400 Quality: 47 WLMP: 3.16m DBNS: RWL:		1993-08-31	1223	East
22114	Observation	0.00m-0.50m LIGHT BROWN SILTY CLAY DRY 0.50m-1.50m BROWN GRITTY CLAY MOIST 1.50m-4.50m LIGHT BROWN CLAY MOIST 4.50m-6.50m LIGHT BROWN SILTY CLAY MOIST 6.50m-7.50m LIGHT BROWN SILTY CLAY WET 7.50m-8.50m BROWN SANDY CLAY WET 8.50m-10.00m BROWN AND GREY CLAY WET		Date/time: 1991-03-18 1400 Quality: 47 WLMP: 5.94m DBNS: RWL:		1991-03-13	1240	North
2126	Groundwater Investigation	0.00m-1.00m BR ZSC WET 1.00m-1.50m BR GRY SZC WET 1.50m-2.50m BR GRY SZC MOIST 2.50m-5.00m GRY BR SZC MOIST 5.00m-7.00m GRY BR ZC MOIST				1976-10-27	1251	North East
131177	Domestic	0.00m-2.00m RED SILTY CLAY 2.00m-4.20m SAND	0.00m-2.70m INNER LINING - CASING = Pvc 2.70m-4.20m INNER LINING - SCREEN = Pvc			1997-02-04	1255	South
2945	Groundwater Investigation	0.00m-1.50m BROWN SILTY CLAY MOIST 1.50m-4.00m BROWN SILTY SAND MOIST 4.00m-12.00m SILTY SAND MOIST 12.00m-14.50m SILTY CLAY WET				1986-11-19	1261	North West

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2053	Groundwater Investigation	0.00m-1.00m RED BROWN SILTY CLAY DRY 1.00m-1.50m GREY SILTY CLAY WITH RED BROWN MOIST 1.50m-2.50m YELLOW BROWN SANDY SILTY CLAY MOIST 2.50m-3.00m PINK BROWN SANDY SILTY CLAY WITH BROWN MOIST 3.00m-3.50m BROWN SANDY SILTY CLAY MOIST 3.50m-5.50m YELLOW BROWN SILTY CLAY WITH GREY MOIST 5.50m-7.00m YELLOW BROWN SANDY SILTY CLAY MOIST 7.00m-9.50m LIGHT BROWN SANDY CLAY WET 9.50m-13.00m YELLOW BROWN MEDIUM SAND WET 13.00m-14.00m YELLOW GREY SANDY SILTY CLAY MOIST 14.00m-14.50m YELL GRY SANDY SILTY CLAY WITH YELL BRN MOIST				1978-05-04	1288	North East
2979	Observation	0.00m-5.50m BROWN SILTY CLAY MOIST 5.50m-8.50m LT BROWN FINE SANDY CLAY DAMP 8.50m-10.00m SILTY CLAY MOIST	0.00m-7.50m INNER LINING - CASING = Pvc 7.50m-10.00m INNER LINING - SCREEN = Slotted Pvc 7.50m-10.00m OUTER LINING - GRAVEL = Seal	Date/time: 2005-08-23 1200 Quality: 47 WLMP: 7.15m DBNS: RWL:		1988-06-03	1298	South East
45715	Observation	0.00m-3.00m REFER TO DRILLERS LOG NUMBERED		Date/time: 2005-08-23 1200 Quality: 47 WLMP: 2.46m DBNS: RWL:		1988-06-03	1298	South East
42606	Groundwater Investigation, Observation			Date/time: 2011-08-17 1200 Quality: 47 WLMP: 1.86m DBNS: 1.76m RWL: 113.28 mAHD		1976-06-21	1301	North East
2356	Groundwater Investigation, Observation	0.50m-1.50m BROWN CLAY 2.00m-2.50m YELLOW BROWN CLAY 2.50m-3.00m GREY BROWN CLAY 4.00m-6.00m YELLOW BROWN CLAY 6.50m-8.50m GREY YELLOW CLAY 9.00m-10.00m BROWN GREY S/C 10.50m-12.00m BROWN GREY CLAY 12.50m-13.00m BROWN GREY CLAY 13.00m-13.50m YELLOW GREY CLAY 14.00m-14.50m YELLOW GREY S/C 14.50m-15.00m GREY S/C 15.00m-17.00m BROWN GREY S/C 17.50m-18.00m BROWN GREY CLAY GRAVELS 18.00m-22.00m BROWN GREY S/C 22.50m-23.50m GREY BROWN CLAY 24.00m-25.00m GREY BROWN S/C		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 3.63m DBNS: 3.50m RWL: 114.00 mAHD		1976-06-21	1301	North East
2049	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 0.60m DBNS: 0.47m RWL: 115.48 mAHD		1950-01-01	1314	North East
139706	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-5.00m BROWN GREY CLAY 5.00m-8.00m BROWN SILTY CLAY AND GRAVEL 8.00m-10.00m BROWN CLAY	-0.30m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-06-21 1400 Quality: 47 WLMP: 3.72m DBNS: RWL:		2000-06-20	1323	South East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2127	Groundwater Investigation, Observation	0.00m-1.50m BR ZC MOIST 1.50m-3.50m GRY BR ZC MOIST 3.50m-6.50m BR ZC MOIST 6.50m-9.50m BR ZC WET 9.50m-12.00m BR S MEDIUM WET 12.00m-14.50m BR GRY ZC MOIST		Date/time: 1989-10-17 0000 Quality: 47 WLMP: 1.85m DBNS: 1.81m RWL: 113.85 mAHD		1976-11-08	1326	North East
WRK017187	Observation	0.00m-4.00m Brown Silty Clay 4.00m-9.00m Brown Silty sandy Clay		Date/time: 2010-03-31 1400 Quality: 47 WLMP: 6.43m DBNS: RWL:		2010-02-01	1357	East
2941	Groundwater Investigation	0.00m-6.00m SILTY CLAY MOIST 6.00m-28.00m SILTY CLAY WET		Date/time: 2000-10-02 0000 Quality: 47 WLMP: 1.77m DBNS: RWL:		1986-10-30	1379	North West
WRK073051	Domestic & Stock	0.00m-6.00m CLAY 6.00m-8.00m CLAY 8.00m-9.00m SAND 9.00m-12.00m SAND	0.00m-10.00m INNER LINING - CASING = Pvc Class 9 10.00m-12.00m INNER LINING - SCREEN = Pvc Class 9 1.00m-4.00m OUTER LINING - GRAVEL = Bentonite 7.00m-12.00m OUTER LINING - GRAVEL = Gravel			2013-02-12	1381	North East
2282	Groundwater Investigation	0.00m-1.50m BR ZC DRY 1.50m-2.00m BR SZC MOIST 2.00m-3.00m BR ZC MOIST 3.00m-5.00m BLK BR ZC MOIST 5.00m-6.00m BR ZC MOIST 6.00m-7.00m GRY BR ZC MOIST 7.00m-8.50m BR ZC MOIST 8.50m-9.00m GRY BR ZC MOIST 9.00m-9.50m GRY BR ZC WET 9.50m-11.00m GRY BR ZC MOIST 11.00m-12.50m BR GRY ZC MOIST 12.50m-13.00m BR GRY SZC MOIST 13.00m-14.00m GRY SZC WET 14.00m-15.00m GR BRY ZC MOIST 15.00m-16.00m GRY BR ZC MOIST 16.00m-17.00m GRY RD ZC MOIST 17.00m-18.50m GRY BR ZC WET 18.50m-20.00m GRY BR SZC WET				1976-09-08	1382	North
WRK017183	Groundwater Investigation	0.00m-1.00m Brown silty sandy clay 1.00m-2.00m Brown clayey fine sand 2.00m-6.50m Brown fine sandy clay 6.50m-8.00m Brown medium coarse sand	0.30m-5.50m INNER LINING - CASING = Pvc Class 9			2009-06-18	1386	East
125928	Groundwater Investigation	0.00m-0.50m BROWN SANDY TOP SOIL 0.50m-3.50m DARK BROWN SANDY CLAY 3.50m-8.00m BROWNY RED SILTY CLAY 8.00m-11.00m COARSE SAND 11.00m-11.50m FINE SAND 11.50m-12.50m SILTY CLAY	-0.24m-6.50m INNER LINING - CASING = Pvc 6.50m-12.50m INNER LINING - SCREEN = Pvc	Date/time: 1995-10-11 1400 Quality: 47 WLMP: 3.07m DBNS: RWL:		1995-10-09	1388	East
126309	Groundwater Investigation	0.00m-0.50m BROWN SANDY TOP SOIL 0.50m-3.00m DARK BROWN SANDY CLAY 3.00m-7.00m BROWN SILTY CLAY 7.00m-7.50m SAND LAYER 7.50m-8.00m SILTY CLAY 8.00m-11.00m COARSE SAND	-0.20m-7.00m INNER LINING - CASING = Pvc 7.00m-11.00m INNER LINING - SCREEN = Pvc 5.00m-11.00m OUTER LINING - GRAVEL = Gravel			1995-11-23	1388	East
126310	Groundwater Investigation	0.00m-0.50m BROWN SANDY TOP SOIL 0.50m-3.00m DARK BROWN SANDY CLAY 3.00m-7.00m BROWN SILTY CLAY 7.00m-7.50m COARSE SAND 7.50m-8.00m SILTY CLAY 8.00m-11.00m COARSE SAND	-0.20m-6.50m INNER LINING - CASING = Pvc 6.50m-11.00m INNER LINING - SCREEN = Pvc 5.00m-11.00m OUTER LINING - GRAVEL = Gravel			1995-11-24	1389	East



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
WRK017188	Observation	0.00m-4.00m Brown Silty Clay 4.00m-9.00m Brown & Grey Silty Clay		Date/time: 2010-03-31 1400 Quality: 47 WLMP: 6.75m DBNS: RWL:		2010-02-02	1389	East
22093	Observation	0.00m-0.50m DARK BROWN CLAY MOIST 0.50m-6.00m BROWN CLAY MOIST 6.00m-7.00m LIGHT BROWN SANDY CLAY MOIST 7.00m-12.00m BROWN & GREY CLAY MOIST 12.00m-13.50m BROWN SANDY CLAY WET 13.50m-15.00m ORANGEY BROWN & GREY SILTY CLAY WET		Date/time: 1991-04-16 1400 Quality: 47 WLMP: 5.98m DBNS: RWL:		1991-04-10	1399	North
90844	Not Known		0.00m-3.80m INNER LINING - CASING = Not Known 3.80m-5.20m INNER LINING - SCREEN = Not Known			1974-08-27	1399	North East
90963	Not Known	0.00m-1.50m BROWN SILTY CLAY 1.50m-2.50m GREY BROWN SILTY CLAY 2.50m-3.00m BROWN MED COARSE SAND 3.00m-6.00m GREY BROWN CLAYEY SAND 6.00m-9.00m GREY BROWN SILTY CLAY - ABANDONED				1987-11-28	1402	East
2052	Groundwater Investigation, Observation	0.00m-0.50m LIGHT BROWN SILTY CLAY 0.50m-1.00m RED BROWN SILTY CLAY DRY 1.50m-2.50m BROWN SILTY CLAY DAMP 2.50m-3.50m YELLOW BROWN SANDY CLAY WET 3.50m-5.00m YELLOW BROWN MED COARSE SAND WATER 5.00m-7.50m GREY SILTY CLAY WITH BROWN DAMP 7.50m-11.00m YELLOW BROWN SILTY CLAY WITH GREY WET 11.00m-12.00m BROWN MED SAND WATER 12.00m-13.50m GREY MED SAND WATER 13.50m-14.00m GREY COARSE MED SAND WITH GRAVELS WATER 14.00m-15.00m YELLOW BROWN SILTY CLAY WITH GREY DAMP 15.00m-16.00m GREY SILTY CLAY DAMP 16.00m-20.00m BROWN SILTY CLAY WITH GREY DAMP		Date/time: 2006-05-24 1400 Quality: 47 WLMP: 4.40m DBNS: RWL:		1978-04-28	1403	North East
44792	Groundwater Investigation, Observation			Date/time: 2006-05-24 1400 Quality: 47 WLMP: 4.40m DBNS: RWL:		1978-04-28	1409	North East
WRK017189	Observation	0.00m-2.00m Brown Silty Clay 2.00m-9.00m Brown Fine Sandy clay		Date/time: 2010-03-31 1400 Quality: 47 WLMP: 3.13m DBNS: RWL:		2010-02-02	1421	East
70284	Domestic, Stock		0.00m-9.10m INNER LINING - CASING = Pvc 9.10m-11.84m INNER LINING - SCREEN = Pvc		9.10m-11.84m Gravel	1980-04-21	1429	South West
2950	Groundwater Investigation, Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.50m BROWN SILTY CLAY MOIST 1.50m-2.50m BROWN SILTY SANDY CLAY MOIST TO DAMP 2.50m-4.00m BROWN COARSE SAND WET 4.00m-7.00m SILTY CLAY MOIST 7.00m-8.00m SAND WET 8.00m-15.00m SILTY CLAY MOIST		Date/time: 2005-08-23 1200 Quality: 47 WLMP: 8.35m DBNS: 124.73m RWL: -8.35mAHD		1988-03-04	1431	South East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
44734	Groundwater Investigation, Observation		-0.20m-5.70m INNER LINING - CASING = Pvc 5.70m-8.70m INNER LINING - SCREEN = Slotted Pvc 5.70m-8.70m OUTER LINING - GRAVEL = Seal	Date/time: 2005-08-23 1200 Quality: 47 WLMP: 4.70m DBNS: RWL:		1988-03-04	1431	South East
44676	Observation	0.00m-4.50m REFER TO DRILLERS LOG NUMBERED	-0.20m-2.50m INNER LINING - CASING = Pvc 2.50m-4.50m INNER LINING - SCREEN = Slotted Pvc 2.50m-4.50m OUTER LINING - GRAVEL = Seal	Date/time: 2004-08-07 0000 Quality: 47 WLMP: 2.77m DBNS: 119.15m RWL: -2.77mAHD		1988-03-04	1431	South East
2359	Groundwater Investigation	0.50m-1.00m BROWN S/C 1.50m-2.00m GREY BROWN CLAY 2.00m-2.50m GREY CLAY 3.00m-3.50m GREY BROWN CLAY 4.00m-4.50m BROWN GREY CLAY 4.50m-5.00m BROWN CLAY 5.50m-6.00m YELLOW BROWN CLAY 6.00m-7.00m GREY BROWN CLAY 7.50m-8.00m BROWN CLAY 8.00m-8.50m BROWN S/C 9.00m-10.00m GREY BROWN S/C 10.00m-11.00m GREY YELLOW S/C 11.50m-13.00m BROWN GREY CLAY 14.00m-15.50m GREY YELLOW S/C 16.00m-23.00m BROWN GREY CLAY 23.50m-24.00m RED BROWN S/C 24.50m-25.00m BROWN YELLOW S/C				1976-06-21	1437	North East
42608	Groundwater Investigation					1950-01-01	1437	North East
2944	Groundwater Investigation	0.00m-1.00m BROWN SILTY CLAY DRY 1.00m-4.00m BROWN SILTY CLAY MOIST 4.00m-9.00m SILTY CLAY MOIST 9.00m-10.00m SILTY CLAY WET 10.00m-11.00m SAND WATER				1986-11-17	1439	North West
139693	Groundwater Investigation	0.00m-1.00m BROWN SANDY TOP SOIL 1.00m-2.50m BROWN SILTY CLAY 2.50m-3.50m MEDIUM SAND 3.50m-4.00m BROWN SILTY CLAY 4.00m-5.00m BROWN GREY CLAY 5.00m-9.00m BROWN SILTY CLAY	-0.20m-7.00m INNER LINING - CASING = Pvc Class 9 7.00m-9.00m INNER LINING - SCREEN = Pvc Class 9	Date/time: 2000-05-15 1400 Quality: 47 WLMP: 4.12m DBNS: RWL:	7.00m-9.00m Clay	2000-05-10	1443	South East
137089	Groundwater Investigation	0.00m-2.00m BROWN SANDY CLAY 2.00m-3.50m MEDIUM SAND 3.50m-8.50m BROWN SILTY CLAY 8.50m-9.00m MEDIUM SAND 9.00m-11.00m BROWN GREY CLAY 11.00m-15.00m GREY CLAY	-0.30m-12.00m INNER LINING - CASING = Pvc Class 9 12.00m-15.00m INNER LINING - SCREEN = Pvc Class 9	Date/time: 1999-08-01 1400 Quality: 47 WLMP: 7.24m DBNS: RWL:	12.00m-15.00m Clay	1999-07-29	1443	South East
120142	Dewatering					1800-01-01	1452	North East
137090	Groundwater Investigation	0.00m-1.00m BROWN CLAY 1.00m-2.00m BROWN GREY CLAY 2.00m-8.00m BROWN SILTY CLAY 8.00m-10.00m BROWN CLAY & GRAVEL 10.00m-12.00m BROWN CLAY 12.00m-15.00m GREY CLAY	-0.30m-12.00m INNER LINING - CASING = Pvc Class 9 12.00m-15.00m INNER LINING - SCREEN = Pvc Class 9	Date/time: 2004-08-07 0000 Quality: 47 WLMP: 8.50m DBNS: RWL:	12.00m-15.00m Clay	1999-07-30	1453	South East
126095	Groundwater Investigation	0.00m-0.50m DARK BROWN TOP SOIL 0.50m-3.00m BROWN SILTY CLAY 3.00m-6.50m RED & BROWN CLAY 6.50m-7.50m FINE SAND 7.50m-12.00m SILTY CLAY	-0.07m-6.00m INNER LINING - CASING = Pvc 6.00m-8.50m INNER LINING - SCREEN = Pvc 8.50m-12.00m INNER LINING - CASING = Pvc	Date/time: 1995-10-18 1400 Quality: 47 WLMP: 2.86m DBNS: RWL:		1995-10-16	1458	East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
125931	Groundwater Investigation	0.00m-0.50m LIGHT & DARK BROWN SOIL 0.50m-4.00m BROWN SILTY CLAY 4.00m-13.00m ORANGE & BROWN CLAY	-0.21m-10.00m INNER LINING - CASING = Pvc 10.00m-13.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-10-11 1400 Quality: 47 WLMP: 7.60m DBNS: RWL:		1995-10-05	1474	East
2960	Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-3.00m BROWN SILTY CLAY MOIST TO DAMP 3.00m-5.50m GREY BROWN SILTY CLAY MOIST 5.50m-7.50m SANDY CLAY DAMP 7.50m-9.50m SAND WET 9.50m-10.30m SILTY CLAY MOIST	-0.25m-7.30m INNER LINING - CASING = Pvc 7.30m-10.30m INNER LINING - SCREEN = Slotted Pvc 7.30m-10.30m OUTER LINING - GRAVEL = Seal	Date/time: 2000-10-04 0000 Quality: 47 WLMP: 5.35m DBNS: 121.98m RWL: -5.35mAHD		1988-04-12	1480	South East
2357	Groundwater Investigation, Observation	0.50m-1.00m BROWN CLAY 1.50m-2.00m RED CLAY 2.50m-9.00m BROWN CLAY 9.50m-14.00m GREY BROWN CLAY GRAVELS 14.50m-18.50m GREY BROWN S/C 19.00m-20.00m GREY BROWN CLAY 20.50m-21.00m GREY BROWN S/C 21.00m-21.50m GREY BROWN CLAY 22.00m-24.00m GREY BROWN S/C 24.50m-25.00m BROWN GRAVELLY CLAY		Date/time: 2013-06-18 1200 Quality: 47 WLMP: 7.94m DBNS: 7.81m RWL: 110.15 mAHd		1976-06-10	1481	North East
42607	Groundwater Investigation, Observation			Date/time: 2012-11-22 1200 Quality: 47 WLMP: 1.39m DBNS: 1.31m RWL: 116.65 mAHd		1976-06-10	1481	North East
90958	Not Known	0.00m-0.80m BROWN SILTY TOPSOIL 0.80m-1.50m DRY SAND, SILT & CLAY 1.50m-3.30m CLAYEY BROWN SAND 3.30m-5.20m WHITE SANDY CLAY 5.20m-7.90m GREY & WHITE CLAY 7.90m-43.20m VARIOUS CLAYS, GRAVEL & SAND PARTICLES - ABANDONED	0.00m-1.50m INNER LINING - CASING = Not Known 1.50m-3.30m INNER LINING - SCREEN = Not Known			1986-06-27	1483	East
42525	Groundwater Investigation, Observation	0.00m-2.00m REFER TO DRILLERS LOG NUMBERED		Date/time: 2012-11-22 1200 Quality: 47 WLMP: 1.75m DBNS: 1.55m RWL: 116.16 mAHd		1976-04-09	1486	South West
2181	Groundwater Investigation, Observation	0.00m-6.50m BR ZC MOIST 6.50m-7.50m BR SZC MOIST 7.50m-8.00m BR SZC WET 8.00m-9.00m GRY BR SZC WET 9.00m-10.00m GRY BR SZC MOIST 10.00m-10.50m GRY BR ZC MOIST 10.50m-12.50m BR GRY ZC MOIST 12.50m-13.00m BR GRY SZC MOIST 13.00m-14.00m BR GRY ZC MOIST 14.00m-14.50m BR GRY ZC MOIST 14.50m-15.50m BR GRY ZC MOIST 15.50m-19.00m GRY BR ZC MOIST 19.00m-20.00m BR GRY ZC MOIST		Date/time: 2013-06-18 1200 Quality: 47 WLMP: 5.99m DBNS: 5.82m RWL: 111.89 mAHd		1976-04-09	1486	South West
90845	Not Known		0.00m-10.40m INNER LINING - CASING = Not Known 10.40m-11.00m INNER LINING - SCREEN = Not Known			1974-08-28	1487	North East
2946	Groundwater Investigation	0.00m-1.00m GREY SILTY CLAY DRY 1.00m-4.00m BROWN SILTY CLAY MOIST 4.00m-9.50m SILTY CLAY MOIST 9.50m-12.50m SILTY CLAY WET 12.50m-14.00m SAND WATER 14.00m-14.50m SILTY CLAY WET				1986-11-18	1491	North West

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
137091	Groundwater Investigation	0.00m-0.50m BROWN CLAY 0.50m-1.50m BROWN GREY CLAY 1.50m-7.50m BROWN SILTY CLAY 7.50m-10.00m BROWN CLAY & GRAVEL 10.00m-15.00m BROWN GREY CLAY	-0.30m-12.00m INNER LINING - CASING = Pvc Class 9 12.00m-15.00m INNER LINING - SCREEN = Pvc Class 9	Date/time: 1999-08-01 1400 Quality: 47 WLMP: 10.85m DBNS: RWL:	12.00m-15.00m Clay	1999-07-29	1494	South East
139185	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-5.00m BROWN SILTY CLAY 5.00m-7.00m BROWN GREY CLAY 7.00m-13.00m BROWN SILTY CLAY 13.00m-15.00m BROWN CLAY 15.00m-17.00m BROWN SILTY CLAY 17.00m-18.00m FINE SAND 18.00m-19.50m BROWN SILTY CLAY	-0.30m-16.50m INNER LINING - CASING = Pvc 16.50m-19.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-20 1500 Quality: 47 WLMP: 13.65m DBNS: RWL:		2000-04-20	1496	South East
139694	Groundwater Investigation	0.00m-0.50m BROWN CLAY 0.50m-1.00m BROWN SANDY CLAY 1.00m-2.00m BROWN SILTY CLAY 2.00m-3.00m MEDIUM SAND 3.00m-10.00m BROWN SILTY CLAY 10.00m-11.50m BROWN GREY CLAY	-0.20m-8.50m INNER LINING - CASING = Pvc Class 9 8.50m-11.50m INNER LINING - SCREEN = Pvc Class 9	Date/time: 2000-05-15 1400 Quality: 47 WLMP: 4.27m DBNS: RWL:	8.50m-11.50m Clay	2000-05-10	1499	South East
139695	Groundwater Investigation	0.00m-0.50m BROWN CLAY 0.50m-1.00m BROWN SANDY CLAY 1.00m-2.00m BROWN SILTY CLAY 2.00m-3.00m MEDIUM SAND 3.00m-3.50m BROWN SILTY CLAY	-0.20m-2.50m INNER LINING - CASING = Pvc Class 9 2.50m-3.50m INNER LINING - SCREEN = Pvc Class 9	Date/time: 2000-05-15 1400 Quality: 47 WLMP: 2.32m DBNS: RWL:	2.50m-3.50m Sand	2000-05-11	1499	South East
90956	Not Known	0.00m-0.30m TOPSOIL 0.30m-24.00m SAND - ABANDONED				1986-11-20	1499	South East
2978	Not Known	7.50m-10.00m YELLOW BROWN MED-COARSE SAND	0.00m-7.50m INNER LINING - CASING = Pvc 7.50m-10.00m INNER LINING - SCREEN = Pvc 7.50m-10.00m OUTER LINING - GRAVEL = Seal	Date/time: 2000-10-04 0000 Quality: 47 WLMP: 4.55m DBNS: RWL:		1988-06-03	1500	South East
42529	Groundwater Investigation, Observation	0.00m-2.00m REFER TO DRILLERS LOG NUMBERED		Date/time: 2012-11-22 1200 Quality: 47 WLMP: 1.80m DBNS: 1.65m RWL: 115.43 mAHD		1976-01-01	1501	South East
42528	Groundwater Investigation, Observation			Date/time: 1980-03-07 1400 Quality: 47 WLMP: 2.10m DBNS: RWL:		1950-01-01	1501	South East
2184	Groundwater Investigation, Observation			Date/time: 2012-11-22 1200 Quality: 47 WLMP: 5.40m DBNS: 5.24m RWL: 111.84 mAHD		1976-01-01	1501	South East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2069	Groundwater Investigation, Observation			Date/time: 1963-07-06 0000 Quality: 47 WLMP: 0.41m DBNS: 0.37m RWL: 114.13 mAHD		1950-01-01	1502	North
2977	Not Known		0.00m-7.20m INNER LINING - CASING = Pvc 7.20m-9.20m INNER LINING - SCREEN = Slotted Pvc 7.20m-9.20m OUTER LINING - GRAVEL = Seal	Date/time: 2000-10-04 0000 Quality: 47 WLMP: 3.78m DBNS: RWL:		1988-06-02	1504	South East
126096	Groundwater Investigation	0.00m-0.50m DARK BROWN TOP SOIL 0.50m-3.50m LIGHT BROWN CLAY 3.50m-7.50m REDY BROWN CLAY 7.50m-8.00m FINE SAND 8.00m-10.00m SILTY CLAY	-0.20m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-10-18 1400 Quality: 47 WLMP: 2.91m DBNS: RWL:		1995-10-16	1507	East
2358	Groundwater Investigation	0.50m-1.00m BROWN CLAY 1.00m-1.50m LIGHT BROWN CLAY 1.50m-3.50m BROWN CLAY 4.00m-4.50m GREY BROWN CLAY 5.00m-7.00m BROWN CLAY 7.50m-8.00m GREY BROWN CLAY 8.00m-8.50m GREY BROWN S/C 9.00m-9.50m GREY CLAY 9.50m-10.00m BROWN CLAY 10.50m-14.00m BROWN GREY CLAY 14.50m-15.00m BROWN GREY CLAY GRAVELS 15.00m-16.00m BROWN GREY CLAY 16.50m-17.00m BROWN GREY S/C 17.00m-17.50m GREY CLAY 17.50m-18.00m BROWN CLAY GRAVELS 18.00m-20.00m BROWN GREY CLAY 20.50m-25.00m GREY BROWN S/C				1976-06-15	1517	North East
2514	Groundwater Investigation					1950-01-01	1543	North East
139705	Groundwater Investigation	0.00m-1.00m BROWN CLAY 1.00m-3.00m BROWN SILTY CLAY 3.00m-5.00m BROWN CLAY AND GRAVEL 5.00m-10.00m BROWN CLAY	-0.30m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-06-21 1400 Quality: 47 WLMP: 7.12m DBNS: RWL:		2000-06-19	1543	South East
125932	Groundwater Investigation	0.00m-0.50m BROWN SANDY TOP SOIL 0.50m-3.50m BROWN GRAVELY CLAY 3.50m-6.00m REDY BROWN CLAY 6.00m-7.50m FINE SAND 7.50m-8.00m SILTY CLAY	-0.26m-5.00m INNER LINING - CASING = Pvc 5.00m-8.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-10-11 1400 Quality: 47 WLMP: 2.17m DBNS: RWL:		1995-10-06	1546	East
139703	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-8.00m BROWN GREY CLAY 8.00m-10.00m BROWN CLAY	-0.30m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-06-21 1400 Quality: 47 WLMP: 6.55m DBNS: RWL:		2000-06-20	1552	South East
113637	Domestic	0.00m-1.00m RED SANDY CLAY 1.00m-3.00m SANDY RED CLAY 3.00m-6.00m COARSE SAND	0.00m-4.00m INNER LINING - CASING = Pvc 4.00m-6.00m INNER LINING - SCREEN = Pvc			1992-05-15	1570	South East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2364	Groundwater Investigation, Observation	0.50m-1.00m LIGHT BROWN S/C 1.50m-2.00m BROWN CLAY 2.50m-3.00m GREY BROWN CLAY 3.50m-6.50m BROWN S/C 7.00m-8.50m GREY BROWN CLAY 9.00m-13.00m GREY BROWN S/C 13.50m-17.00m GREY BROWN S/C 17.50m-18.00m BROWN GREY S/C 18.50m-19.50m GREY RED S/C 20.00m-24.00m GREY BROWN CLAY 24.00m-25.00m GREY RED S/C		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 7.85m DBNS: 7.63m RWL: 110.45 mAHD		1976-07-14	1572	North East
42613	Groundwater Investigation, Observation			Date/time: 2011-08-19 1200 Quality: 47 WLMP: 1.76m DBNS: 1.56m RWL: 114.34 mAHD		1976-07-14	1572	North East
SP061038	Irrigation	0.00m-0.50m CLAY 0.50m-2.50m CLAY 2.50m-4.00m CLAY 4.00m-5.00m SAND 5.00m-8.00m CLAY 8.00m-9.00m SAND 9.00m-12.00m CLAY 12.00m-23.00m CLAY 23.00m-25.00m SILT				2008-07-02	1577	South West
WRK014479	Irrigation					2008-07-02	1577	South West
44455	Groundwater Investigation, Observation			Date/time: 2001-05-30 1400 Quality: 47 WLMP: 1.50m DBNS: RWL:		1950-01-01	1587	North East
44456	Groundwater Investigation, Observation			Date/time: 2012-11-23 1200 Quality: 47 WLMP: 1.02m DBNS: 0.82m RWL: 116.03 mAHD		1950-01-01	1587	North East
44454	Groundwater Investigation, Observation			Date/time: 2013-06-20 1200 Quality: 47 WLMP: 5.62m DBNS: 5.41m RWL: 111.44 mAHD		1950-01-01	1587	North East
2507	Groundwater Investigation					1950-01-01	1595	North East
WRK017185	Groundwater Investigation	0.00m-4.00m Brown silty clay 4.00m-6.50m Brown silty sandy clay 6.50m-9.50m Brown fine clayey sand	0.30m-7.00m INNER LINING - CASING = Pvc Class 9			2009-06-19	1601	East
2505	Groundwater Investigation					1950-01-01	1606	North East
44459	Groundwater Investigation, Observation			Date/time: 2012-12-17 1200 Quality: 47 WLMP: 0.70m DBNS: 0.44m RWL: 116.42 mAHD		1950-01-01	1609	North East



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
44458	Groundwater Investigation, Observation			Date/time: 1998-05-11 1400 Quality: 47 WLMP: 2.80m DBNS: RWL:		1950-01-01	1609	North East
44457	Groundwater Investigation, Observation			Date/time: 2013-03-21 1200 Quality: 47 WLMP: 8.70m DBNS: 8.42m RWL: 108.44 mAHD		1950-01-01	1609	North East
139184	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-4.00m COARSE SAND 4.00m-4.50m BROWN SILTY CLAY 4.50m-6.00m FINE SAND 6.00m-7.50m BROWN SILTY CLAY 7.50m-10.00m BROWN GREY CLAY 10.00m-13.00m BROWN SILTY CLAY 13.00m-15.00m GREY CLAY	-0.30m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-20 1400 Quality: 47 WLMP: 5.35m DBNS: RWL:		2000-04-19	1613	South East
139704	Groundwater Investigation	0.00m-1.50m BROWN CLAY 1.50m-3.00m BROWN SILTY CLAY 3.00m-10.00m BROWN CLAY	-0.30m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-06-21 1400 Quality: 47 WLMP: 6.30m DBNS: RWL:		2000-06-20	1614	South East
44733	Observation	0.00m-5.40m REFER TO DRILLERS LOG NUMBERED	-0.22m-2.40m INNER LINING - CASING = Pvc 2.40m-5.40m INNER LINING - SCREEN = Slotted Pvc 2.40m-5.40m OUTER LINING - GRAVEL = Seal	Date/time: 2012-08-23 1200 Quality: 47 WLMP: 3.14m DBNS: 3.14m RWL: 114.30 mAHD		1988-03-07	1626	South East
2947	Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.00m BROWN FINE SANDY CLAY MOIST 1.00m-2.00m BROWN FINE CLAYEY SAND WET 2.00m-4.50m BROWN MEDIUM-COARSE SAND WET 4.50m-14.80m SILTY CLAY MOIST	-0.21m-11.80m INNER LINING - CASING = Pvc 11.80m-14.80m INNER LINING - SCREEN = Slotted Pvc 11.80m-14.80m OUTER LINING - GRAVEL = Seal	Date/time: 2012-08-23 1200 Quality: 47 WLMP: 8.84m DBNS: 125.67m RWL: -8.84mAHD		1988-03-07	1626	South East
2961	Observation	0.00m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-2.50m BROWN SILTY CLAY MOIST 2.50m-3.50m BROWN SANDY CLAY MOIST 3.50m-8.00m BROWN SILTY CLAY MOIST TO DAMP 8.00m-9.00m CLAYEY SAND DAMP 9.00m-14.80m SILTY CLAY MOIST	-0.22m-11.80m INNER LINING - CASING = Pvc 11.80m-14.80m INNER LINING - SCREEN = Slotted Pvc 11.80m-14.80m OUTER LINING - GRAVEL = Seal	Date/time: 2000-10-04 0000 Quality: 47 WLMP: 5.48m DBNS: 122.57m RWL: -5.48mAHD		1988-04-11	1626	South East
22092	Observation	0.00m-0.50m BROWN SILTY CLAY DRY 0.50m-2.50m BROWN CLAY MOIST 2.50m-4.50m RED BROWN CLAY MOIST 4.50m-5.50m LIGHT BROWN CLAY MOIST 5.50m-6.50m LIGHT BROWN SILTY CLAY WET 6.50m-7.50m BROWN FINE MEDIUM SAND WET 7.50m-8.50m BROWN AND GREY CLA		Date/time: 1993-08-12 0000 Quality: 47 WLMP: 1.01m DBNS: RWL:		1991-03-14	1631	North

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
22091	Observation	0.00m-1.00m LIGHT BROWN CLAY DRY 1.00m-5.00m BROWN CLAY MOIST 5.00m-8.50m LIGHT BROWN SILTY CLAY MOIST 8.50m-10.00m LIGHT BROWN SANDY CLAY WET 10.00m-11.00m YELLOW BROWN & WHITE MEDIUM SAND WET 11.00m-11.50m BROWN CLAY WET		Date/time: 1991-08-05 0000 Quality: 47 WLMP: 2.50m DBNS: RWL:		1991-04-08	1633	North
90955	Domestic, Stock	0.00m-5.80m CLAY ORANGE 5.80m-6.70m SAND	0.00m-5.70m INNER LINING - CASING = Pvc 5.70m-6.70m INNER LINING - SCREEN = Pvc		5.70m-6.70m Sand	1987-10-21	1633	North
90846	Not Known					1974-08-31	1633	North East
139183	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-3.00m COARSE SAND 3.00m-5.00m BROWN GREY CLAY 5.00m-6.00m BROWN SILTY CLAY 6.00m-7.00m MEDIUM SAND 7.00m-8.50m BROWN GREY CLAY	-0.30m-5.50m INNER LINING - CASING = Pvc 5.50m-8.50m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-20 1400 Quality: 47 WLMP: 2.92m DBNS: RWL:		2000-04-19	1639	South East
139181	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-2.50m FINE SAND 2.50m-3.50m BROWN GREY CLAY 3.50m-9.00m BROWN SILTY CLAY 9.00m-15.00m BROWN CLAY AND GRAVEL 15.00m-18.00m BROWN CLAY 18.00m-20.00m GREY SANDY CLAY	-0.30m-17.00m INNER LINING - CASING = Pvc 17.00m-20.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-20 1400 Quality: 47 WLMP: 4.00m DBNS: RWL:		2000-04-13	1640	East
WRK017184	Groundwater Investigation	0.00m-5.00m Brown silty clay	0.30m-11.50m INNER LINING - CASING = Pvc Class 9			2009-06-19	1643	East
139182	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-5.00m COARSE SAND 5.00m-7.50m BROWN CLAY 7.50m-11.00m BROWN SILTY CLAY 11.00m-15.00m BROWN GREY CLAY	-0.30m-12.00m INNER LINING - CASING = Pvc 12.00m-15.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-20 1400 Quality: 47 WLMP: 5.88m DBNS: RWL:		2000-04-14	1653	South East
2506	Groundwater Investigation					1950-01-01	1653	North East
139717	Groundwater Investigation	0.00m-2.00m BROWN CLAY 2.00m-4.50m COARSE SAND 4.50m-5.00m BROWN GREY CLAY	-0.30m-2.00m INNER LINING - CASING = Pvc 2.00m-5.00m INNER LINING - SCREEN = Pvc	Date/time: 2000-04-20 1400 Quality: 47 WLMP: 2.90m DBNS: RWL:		2000-04-14	1653	South East
2502	Groundwater Investigation					1950-01-01	1661	North East
2501	Groundwater Investigation					1950-01-01	1671	North East
2966	Observation	0.00m-6.50m SILTY CLAY MOIST TO DAMP 6.50m-9.50m SAND WET 9.50m-10.00m SILTY CLAY MOIST	-0.18m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Slotted Pvc 7.00m-10.00m OUTER LINING - GRAVEL = Seal	Date/time: 2000-10-04 0000 Quality: 47 WLMP: 4.24m DBNS: 120.90m RWL: -4.24mAHD		1988-04-18	1675	South East
133258	Irrigation	0.00m-3.60m BROWN GREY SILTY CLAY 3.60m-4.20m FINE BROWN SAND 4.20m-4.60m GREY SILTY CLAY & SAND SEAMS 4.60m-6.40m GREY SAND BECOMING COARSER 6.40m-7.00m GREY CLAY 7.00m-0.00m BACKFILLED WITH SPOILS-WATER TO SALINE FOR PURPOSE				1997-10-29	1682	South East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2513	Groundwater Investigation	0.00m-0.50m BROWN S/CLAY DRY 0.50m-1.50m BROWN S/CLAY MOIST 1.50m-3.00m GREY S/CLAY WITH YELLOWEY BROWN (INC) MOIST 3.00m-3.50m BROWN S/CLAY MOIST 3.50m-4.50m YELLOWEY BROWN S/CLAY WITH GREY (INC) WET 4.50m-5.00m YELLOWEY BROWN S/CLAY WITH BLACK (INC) WET 5.00m-9.50m YELLOWEY BROWN S/CLAY WITH GREY (INC) WET 9.50m-14.00m GREYISH BROWN SAND MEDIUM WET 14.00m-16.00m GREY S/CLAY MOIST				1977-03-07	1692	North East
42654	Groundwater Investigation					1950-01-01	1692	North East
2508	Groundwater Investigation					1950-01-01	1710	North East
2503	Groundwater Investigation					1950-01-01	1712	North East
2965	Observation	6.50m-10.00m YELLOW BROWN MED COARSE SAND 6.50m-10.00m YELLOW BROWN MED- COARSE SAND	0.00m-7.50m INNER LINING - CASING = Pvc 7.50m-10.10m INNER LINING - SCREEN = Slotted Pvc 7.50m-10.10m OUTER LINING - GRAVEL = Seal	Date/time: 2008-08-22 1400 Quality: 47 WLMP: 4.55m DBNS: RWL:		1988-04-19	1715	South East
125930	Groundwater Investigation	0.00m-0.50m REDY BROWN TOP SOIL 0.50m-3.00m BROWN SANDY CLAY 3.00m-13.00m DARK BROWN SILTY CLAY	-0.27m-10.00m INNER LINING - CASING = Pvc 10.00m-13.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-10-11 1400 Quality: 47 WLMP: 2.10m DBNS: RWL:		1995-10-09	1724	East
SP03404	Domestic & Stock	0.00m-2.50m Brown Silty CLay 2.50m-3.50m Brown Med Coarse sand 3.50m-15.00m Brown & grey heavy clay				2008-10-03	1727	North East
SP061893	Domestic & Stock	0.00m-2.50m Brown Silty Clay 2.50m-3.50m Brown Medium Coarse Sand 3.50m-15.00m Brown & Grey Heavy Clay				2008-10-03	1727	North East
22082	Observation	0.00m-1.50m RED BROWN SILTY CLAY MOIST 1.50m-2.50m BROWN SAND WATER 2.50m-7.50m SILTY CLAY WET 7.50m-9.00m SAND WATER 9.00m-9.50m SILTY CLAY WET		Date/time: 1991-03-23 1400 Quality: 47 WLMP: 1.10m DBNS: RWL:		1991-03-22	1735	South West
2504	Groundwater Investigation			Date/time: 1996-08-14 0000 Quality: 47 WLMP: 2.25m DBNS: 2.11m RWL: 113.38 mAHD		1950-01-01	1740	North East
SP086413	Not Known	0.00m-4.00m grey brown clay 4.00m-9.00m silty brown clay 9.00m-15.00m orange grey clay 15.00m-20.00m brown sandy clay 20.00m-24.10m silty sandy medium	0.00m-21.10m INNER LINING - CASING = Pvc		21.10m-24.10m Sand	2009-11-13	1746	West
22085	Observation	0.00m-4.00m BROWN SILTY CLAY MOIST 4.00m-7.50m SILTY CLAY MOIST 7.50m-12.00m SILTY CLAY WET		Date/time: 1991-03-26 1400 Quality: 47 WLMP: 1.30m DBNS: RWL:		1991-03-25	1748	South West
70274	Not Known		0.00m-27.50m INNER LINING - CASING = Not Known 27.50m-30.50m INNER LINING - SCREEN = Not Known			1977-06-30	1752	South

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
2948	Observation	0.00m-1.00m RED BROWN SILTY CLAY MOIST 1.00m-6.50m BROWN SILTY CLAY MOIST TO DAMP 6.50m-10.00m GREY BROWN COARSE SAND WET 10.00m-10.90m SILTY CLAY MOIST	-0.26m-7.90m INNER LINING - CASING = Pvc 7.90m-10.90m INNER LINING - SCREEN = Slotted Pvc 7.90m-10.90m OUTER LINING - GRAVEL = Seal	Date/time: 2000-10-09 0000 Quality: 47 WLMP: 4.14m DBNS: 120.59m RWL: -4.14mAHD		1988-03-08	1754	South East
2949	Observation	0.00m-0.50m BROWN FINE SAND DRY 0.50m-2.00m BROWN SILTY SAND FINE MOIST 2.00m-4.00m BROWN FINE SANDY CLAY MOIST 4.00m-8.00m BROWN SANDY CLAY DAMP TO WET 8.00m-10.50m SAND WET 10.50m-11.60m SILTY CLAY MOIST	-0.26m-8.10m INNER LINING - CASING = Pvc 8.10m-11.60m INNER LINING - SCREEN = Slotted Pvc 8.10m-11.60m OUTER LINING - GRAVEL = Seal	Date/time: 2000-10-09 0000 Quality: 47 WLMP: 4.75m DBNS: 122.03m RWL: -4.75mAHD		1988-03-04	1754	South East
135852	Not Used - Capped	0.00m-1.50m RED BROWN SILTY CLAY 1.50m-12.00m BROWN & GREY SILTY SANDY CLAY 12.00m-0.00m BACKFILLED				1997-05-16	1759	South
42527	Groundwater Investigation, Observation	0.00m-1.90m REFER TO DRILLERS LOG NUMBERED		Date/time: 2013-06-18 1200 Quality: 47 WLMP: 1.79m DBNS: 1.67m RWL: 115.91 mAHD		1976-04-13	1777	South East
2183	Groundwater Investigation, Observation	0.00m-4.00m BR ZC DRY 4.00m-4.50m BR ZC MOIST 4.50m-5.00m GRY BR ZC MOIST 5.00m-5.50m BR SZC WET 5.50m-7.00m BR GRY ZC MOIST 7.00m-8.00m BR GRY SZC MOIST 8.00m-9.00m BR ZS WET 9.00m-9.50m GRY BR SZC MOIST 9.50m-10.50m GRY SZC MOIST 10.50m-11.00m GRY BR ZC MOIST 11.00m-13.50m BR GRY ZC MOIST 13.50m-15.50m BR GRY ZC MOIST 15.50m-16.50m YELL GRY ZC MOIST 16.50m-18.50m GRY BR ZC MOIST 18.50m-20.00m BR GRY ZC MOIST		Date/time: 2013-06-18 1200 Quality: 47 WLMP: 5.59m DBNS: 5.47m RWL: 112.11 mAHD		1976-04-13	1777	South East
2509	Groundwater Investigation					1950-01-01	1782	North East
44465	Groundwater Investigation, Observation			Date/time: 2002-06-20 1200 Quality: 47 WLMP: 12.61m DBNS: 12.42m RWL: 102.78 mAHD		1950-01-01	1796	North East
44467	Groundwater Investigation, Observation			Date/time: 2002-06-20 1200 Quality: 47 WLMP: 0.89m DBNS: 0.73m RWL: 114.47 mAHD		1950-01-01	1796	North East
44466	Groundwater Investigation, Observation			Date/time: 2000-06-07 1400 Quality: 47 WLMP: 3.50m DBNS: RWL:		1950-01-01	1796	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
WRK016442	Groundwater Investigation	0.00m-2.00m brown silty sandy clay 2.00m-8.00m grey & brown silty clay				2009-04-09	1797	North East
22115	Observation	0.00m-2.00m SILTY CLAY MOIST 2.00m-3.50m SILTY CLAY WET 3.50m-8.00m SILTY SAND WATER 8.00m-8.50m SILTY CLAY WET		Date/time: 1991-03-27 1400 Quality: 47 WLMP: 1.30m DBNS: RWL:		1991-03-26	1802	South West
WRK080174	Observation	0.00m-0.35m FILL 0.35m-2.00m SILTY CLAY 2.00m-2.50m SILTY CLAY (RED BROWN) 2.50m-3.40m SILTY CLAY 3.40m-3.60m CLAYEY SAND 3.60m-4.00m SILTY CLAY (PALE RED, BROWN) 4.00m-8.00m SILTY CLAY INCREASED SILT	0.00m-5.00m INNER LINING - CASING = UPVC class 6 5.00m-8.00m INNER LINING - SCREEN = Not Known 0.00m-3.00m OUTER LINING - GRAVEL = Cement 3.00m-4.00m OUTER LINING - GRAVEL = Bentonite 4.00m-8.00m OUTER LINING - GRAVEL = Gravel		5.00m-8.00m Clay	2014-06-17	1802	West
WRK080175	Observation	0.00m-0.30m FILL 0.30m-0.95m SILTY CLAY 0.95m-1.95m SILTY CLAY (BROWN) 1.95m-2.50m SILTY CLAY (PALE BROWN) 2.50m-3.20m SILTY CLAY 3.20m-3.50m SILTY SAND MEDIUM GRAIN 3.50m-3.80m PALE GREY WITH SOME CLAY 3.80m-4.20m INCREASED CLAY 4.20m-5.20m CLAYEY SAND FINE GRAIN 5.20m-7.00m SANDY CLAY (PALE BROWN) FINE GRAIN 7.00m-8.00m SILTY CLAY PALE ORGANESE BROWN HIGH SILT	0.00m-5.00m INNER LINING - CASING = UPVC class 6 5.00m-8.00m INNER LINING - SCREEN = Not Known 0.00m-3.00m OUTER LINING - GRAVEL = Cement 3.00m-4.00m OUTER LINING - GRAVEL = Bentonite 4.00m-8.00m OUTER LINING - GRAVEL = Gravel		5.00m-8.00m Clay	2014-06-17	1802	West
WRK080173	Observation	0.00m-0.50m FILL 0.50m-0.95m SILTY GRAVELLY SAND, FINE GRAIN WITH CLAY 0.95m-1.50m SILTY CLAY (BROWN) 1.50m-2.40m SILTY CLAY (PALE BORWN) 2.40m-3.00m SILTY SAND (FINE GRAIN) 3.00m-3.80m SILTY CLAY (PALE BROWN) 3.80m-7.00m AS ABOVE INCREASED SILT 7.00m-8.00m CLAYEY SAND	0.00m-3.00m INNER LINING - CASING = UPVC class 6 3.00m-8.00m INNER LINING - SCREEN = Not Known 0.00m-3.00m OUTER LINING - GRAVEL = Cement 3.00m-4.00m OUTER LINING - GRAVEL = Bentonite 4.00m-8.00m OUTER LINING - GRAVEL = Gravel		3.00m-8.00m Clay	2014-06-17	1802	West
125929	Groundwater Investigation	0.00m-0.50m RED & BROWN SANDY SOIL 0.50m-1.00m ORANGE & BROWN SANDY CLAY 1.00m-4.50m BROWN SILTY CLAY 4.50m-5.00m FINE SAND 5.00m-6.50m SILTY SAND 6.50m-13.00m SILTY CLAY	-0.23m-10.00m INNER LINING - CASING = Pvc 10.00m-13.00m INNER LINING - SCREEN = Pvc	Date/time: 1995-10-11 1400 Quality: 47 WLMP: 1.45m DBNS: RWL:		1995-10-06	1815	East
WRK006891	Domestic, Domestic & Stock, Irrigation, Stock	0.00m-1.50m BROWN SILTY SANDY CLAY 1.50m-4.00m BROWN MEDIUM-COARSE SAND 4.00m-4.80m BROWN MEDIUM-COARSE CLAYEY SAND	0.50m-3.00m INNER LINING - CASING = Pvc 3.00m-4.80m INNER LINING - SCREEN = Pvc 2.50m-4.80m OUTER LINING - GRAVEL = Gravel		3.00m-4.80m Sand	1990-11-24	1819	South West
2510	Groundwater Investigation					1950-01-01	1822	North
113187	Groundwater Investigation	0.00m-0.40m LIGHT BROWN SILTY CLAY, DRY 0.40m-1.50m LIGHT BROWN MOTTLED SILTY CLAY, DRY 1.50m-3.30m BROWN CLAY, DRY 3.30m-3.60m BROWN MEDIUM SAND, DRY 3.60m-3.90m BROWN MEDIUM SAND, MOIST 3.90m-5.40m GREY CLAY, SILT, FINE SAND, MOIST 5.40m-5.50m GREY MEDIUM/HEAVY CLAY, MOIST	0.00m-2.50m INNER LINING - CASING = Pvc Class 9 2.50m-5.00m INNER LINING - SCREEN = Pvc Class 9 1.50m-2.00m OUTER LINING - GRAVEL = Bentonite 2.00m-5.50m OUTER LINING - GRAVEL = Gravel			1992-09-04	1830	West
70322	Domestic, Stock					1988-01-01	1830	South East
WRK015871	Domestic & Stock	0.00m-2.00m BROWN SILTY CLAY 2.00m-6.00m BROWN SILTY SAND CLAY 6.00m-8.00m BROWN FINE SANDY CLAY 8.00m-12.00m BROWN MED FINE SAND 12.00m-12.50m BROWN & GREY SILTY CLAY	0.30m-10.00m INNER LINING - CASING = Pvc 10.00m-12.50m INNER LINING - SCREEN = Pvc 7.00m-12.50m OUTER LINING - GRAVEL = Gravel		10.00m-12.50m Sand	2008-12-08	1831	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
70257	Domestic, Stock		0.00m-50.90m INNER LINING - CASESCRN = Not Known			1970-11-24	1840	West
2511	Groundwater Investigation	0.00m-0.50m BROWN S/CLAY DRY 0.50m-1.00m BROWN S/CLAY MOIST 1.00m-1.50m BROWN S/CLAY WET 1.50m-2.50m GREY S/CLAY WITH BROWN (INC) WET 2.50m-3.00m GREY S/CLAY WITH YELLOWEY BROWN (INC) WET 3.00m-4.50m YELLOWEY BROWN S/CLAY WITH GREY (INC) MOIST 4.50m-5.50m YELLOWEY BROWN CLAY WITH GREY & BLACK (INC) MOIST 5.50m-6.50m GREY CLAY WITH YELLOWEY BROWN (INC) MOIST 6.50m-9.00m GREY CLAY WITH YELLOWEY BROWN & BLACK (INC) MOIST 9.00m-10.50m GREY S/CLAY WITH YELLOWEY BROWN (INC) WET 10.50m-11.50m YELLOWEY BROWN CLAYEY/SAND WITH GREY (INC) WET 11.50m-12.50m GREY S/CLAY WITH BROWN (INC) WET 12.50m-15.00m GREY S/CLAY WITH YELLOWEY BROWN (INC) MOIST				1977-03-03	1842	North East
42652	Groundwater Investigation					1950-01-01	1842	North East
2360	Groundwater Investigation, Observation	0.50m-1.00m RED BROWN CLAY 1.00m-1.50m LIGHT BROWN CLAY 2.00m-2.50m YELLOW XCLAY 3.00m-3.50m BROWN CLAY 3.50m-4.00m BROWN CLAY GRAVELS 4.50m-5.00m GREY BROWN S/C 5.50m-17.50m GREY BROWN CLAY 18.00m-18.50m GREY BROWN S/C 19.00m-19.50m GREY BROWN CLAY 20.00m-25.00m GREY BROWN S/C		Date/time: 2013-05-21 1200 Quality: 47 WLMP: 0.32m DBNS: 0.16m RWL: 117.98 mAHD		1976-07-13	1845	North East
42609	Groundwater Investigation, Observation			Date/time: 2012-11-22 1200 Quality: 47 WLMP: 1.66m DBNS: 1.49m RWL: 116.65 mAHD		1976-07-13	1845	North East
22083	Observation	0.00m-0.50m BROWN SILTY SAND WET 0.50m-4.50m SAND WATER 4.50m-15.00m SILTY CLAY WET		Date/time: 1991-03-23 1400 Quality: 47 WLMP: 1.10m DBNS: 1.10m RWL: 116.65 mAHD		1991-03-22	1879	South West
2964	Observation	0.00m-0.50m RED BROWN SILTY CLAY MOIST 0.50m-1.00m BROWN SILTY CLAY MOIST 1.00m-1.50m YELLOW BROWN SANDY CLAY MOIST 1.50m-2.50m BROWN SANDY CLAY MOIST 2.50m-4.00m BROWN SILTY SANDY CLAY MOIST 4.00m-14.80m SILTY SANDY CLAY MOIST TO DAMP	-0.21m-11.80m INNER LINING - CASING = Pvc 11.80m-14.80m INNER LINING - SCREEN = Slotted Pvc 11.80m-14.80m OUTER LINING - GRAVEL = Seal	Date/time: 2005-08-23 1200 Quality: 47 WLMP: 6.85m DBNS: 123.30m RWL: -6.85mAHD		1988-04-13	1880	South East
44680	Observation	0.00m-8.00m SILTY CLAY MOIST TO DAMP 8.00m-11.00m CLAYEY SAND WET	-0.24m-8.00m INNER LINING - CASING = Pvc 8.00m-11.00m INNER LINING - SCREEN = Slotted Pvc 8.00m-11.00m OUTER LINING - GRAVEL = Seal	Date/time: 2001-08-01 0000 Quality: 47 WLMP: 5.70m DBNS: 5.70m RWL: 116.65 mAHD		1988-04-19	1880	South East
WRK006892	Domestic, Domestic & Stock, Irrigation	0.00m-1.50m BROWN SILTY CLAY 1.50m-3.60m BROWN MEDIUM-COARSE SAND 3.60m-4.80m BROWN MEDIUM-COARSE CLAYEY SAND	0.50m-3.00m INNER LINING - CASING = Pvc 3.00m-4.80m INNER LINING - SCREEN = Pvc 2.00m-4.80m OUTER LINING - GRAVEL = Gravel		3.00m-4.80m Sand	1990-11-24	1881	South West



Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
22084	Observation	0.00m-2.50m BROWN SILTY CLAY MOIST 2.50m-7.50m SILTY CLAY WET 7.50m-9.50m SILTY SAND WATER 9.50m-10.00m SILTY CLAY WET		Date/time: 1991-03-26 1400 Quality: 47 WLMP: 1.40m DBNS: RWL:		1991-03-25	1882	South West
90851	Not Known		0.00m-8.80m INNER LINING - CASING = Not Known 8.80m-12.80m INNER LINING - SCREEN = Not Known			1974-09-11	1899	North East
WRK099614	Investigation	0.00m-10.50m CLAY	0.00m-3.50m OUTER LINING - GRAVEL = Cement 3.50m-4.50m OUTER LINING - GRAVEL = Bentonite 4.50m-9.00m OUTER LINING - GRAVEL = Gravel			2017-05-03	1900	West
WRK099615	Investigation	0.00m-0.00m NULL	0.00m-6.00m OUTER LINING - GRAVEL = Cement 6.00m-7.00m OUTER LINING - GRAVEL = Bentonite 7.00m-10.50m OUTER LINING - GRAVEL = Gravel			2017-05-03	1910	West
90849	Not Known		0.00m-8.00m INNER LINING - CASING = Not Known 8.00m-13.00m INNER LINING - SCREEN = Not Known			1974-09-05	1911	North East
22141	Groundwater Investigation, Observation			Date/time: 1991-10-18 1400 Quality: 47 WLMP: 1.22m DBNS: RWL:		1991-10-17	1912	North
90853	Not Known		0.00m-9.40m INNER LINING - CASING = Not Known 9.40m-12.80m INNER LINING - SCREEN = Not Known			1974-09-28	1915	North East
90847	Not Known		0.00m-9.70m INNER LINING - CASING = Not Known 9.70m-13.60m INNER LINING - SCREEN = Not Known			1974-09-07	1915	North East
90850	Not Known		0.00m-8.80m INNER LINING - CASING = Not Known 8.80m-12.80m INNER LINING - SCREEN = Not Known			1974-09-11	1915	North East
90852	Not Known		0.00m-8.70m INNER LINING - CASING = Not Known 8.70m-13.20m INNER LINING - SCREEN = Not Known			1974-09-21	1915	North East
44461	Groundwater Investigation, Observation			Date/time: 2003-08-05 1200 Quality: 47 WLMP: 0.97m DBNS: 0.64m RWL: 114.71 mAHD		1950-01-01	1917	North East
44460	Groundwater Investigation, Observation			Date/time: 2006-05-22 1200 Quality: 47 WLMP: 4.60m DBNS: 4.32m RWL: 111.03 mAHD		1950-01-01	1917	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
131769	Irrigation	0.00m-1.00m GREY & BROWN SILTY CLAY 1.00m-5.00m YELLOW BROWN SILTY CLAY 5.00m-11.00m BROWN SILTY SANDY SLAY 11.00m-14.50m BROWN CLAYEY FINE SAND 14.50m-18.00m BROWN & GREY SILTY CLAY 18.00m-19.00m BROWN MEDIUM FINE SAND 19.00m-24.00m BROWN & GREY SILTY CLAY 24.00m-29.00m BROWN MEDIUM COARSE SAND	-0.30m-26.00m INNER LINING - CASING = Pvc 26.00m-29.00m INNER LINING - SCREEN = Pvc 18.00m-24.00m OUTER LINING - GRAVEL = Cement		26.00m-29.00m Sand	1997-07-03	1918	West
2515	Groundwater Investigation, Observation			Date/time: 1988-08-16 1400 Quality: 47 WLMP: 3.28m DBNS: 3.13m RWL: 111.84 mAHD		1950-01-01	1924	North East
42655	Groundwater Investigation, Observation			Date/time: 1988-08-16 1400 Quality: 47 WLMP: 1.13m DBNS: 0.93m RWL: 114.04 mAHD		1950-01-01	1924	North East
44696	Observation			Date/time: 1988-08-16 1400 Quality: 47 WLMP: 2.08m DBNS: 2.08m RWL: 114.04 mAHD		1960-01-01	1924	North East
129083	Groundwater Investigation	0.00m-5.50m BROWN CLAY MOIST 5.50m-7.50m BROWN SANDY CLAY WET 7.50m-9.50m MEDIUM SAND WET 9.50m-10.00m BROWN CLAY MOIST	-0.20m-7.00m INNER LINING - CASING = Pvc 7.00m-10.00m INNER LINING - SCREEN = Pvc 5.50m-10.00m OUTER LINING - GRAVEL = Gravel			1997-04-01	1927	East
90848	Not Known		0.00m-9.00m INNER LINING - CASING = Not Known 9.00m-13.20m INNER LINING - SCREEN = Not Known			1974-09-07	1928	North East
WRK099616	Investigation	0.00m-10.50m CLAY	0.00m-3.50m OUTER LINING - GRAVEL = Cement 3.50m-4.50m OUTER LINING - GRAVEL = Bentonite 4.50m-9.00m OUTER LINING - GRAVEL = Gravel			2017-05-03	1940	West
42653	Groundwater Investigation, Observation			Date/time: 2011-08-17 1200 Quality: 47 WLMP: 1.91m DBNS: 1.80m RWL: 113.23 mAHD		1977-03-08	1949	North East
2512	Groundwater Investigation, Observation	0.00m-1.00m BROWN S/CLAY DRY 1.00m-2.00m YELLOWEY BROWN S/CLAY WITH GREY (INC) MOIST 2.00m-5.50m BROWN S/CLAY MOIST 5.50m-7.50m YELLOWEY BROWN S/CLAY WITH GREY (INC) WET 7.50m-9.50m GREY S/CLAY WITH YELLOWEY BROWN (INC) WET 9.50m-13.00m BROWN FINE SAND WET 13.00m-13.50m GREY G/CLAY WET 13.50m-14.00m GREY S/CLAY WITH YELLOWEY BROWN (INC) MOIST 14.00m-14.50m YELLOWEY BROWN S/CLAY WITH GREY (INC) MOIST		Date/time: 2012-08-15 1200 Quality: 47 WLMP: 4.84m DBNS: 4.70m RWL: 112.38 mAHD		1977-03-08	1949	North East

Bore Id	Use Type	Drillers Log	Construction	Latest Water Levels	Geology	Completed Date	Dist (m)	Dir
WRK953774	Domestic & Stock	0.00m-1.00m RED CLAY 1.00m-5.00m BROWN CLAY 5.00m-10.00m BROWN GREY CLAY 10.00m-11.80m SAND	9.80m-11.80m INNER LINING - SCREEN = Pvc 0.00m-11.80m OUTER LINING - GRAVEL = Gravel		9.80m-11.80m Sand	2005-05-17	1973	North East
WRK083114	Observation	0.00m-0.05m ASPHALT 0.05m-1.00m FILLGRAVELY SAND, GREY, FINE- COARSE GRAINED, MOIST 1.00m-10.00m SILTY CLAY - VERY STIFF - HARD BROWN-ORANGE, BROWN MOIST	0.00m-7.00m INNER LINING - CASING = UPVC class 12 0.00m-2.00m OUTER LINING - GRAVEL = Cement 2.00m-6.50m OUTER LINING - GRAVEL = Bentonite 6.50m-10.00m OUTER LINING - GRAVEL = Gravel		7.00m-10.00m Silt	2014-12-12	1985	North
WRK017186	Groundwater Investigation	0.00m-1.00m Brown fine sandy clay 1.00m-3.00m Brown silty clay 3.00m-8.00m Brown silty sandy clay 8.00m-9.00m Brown fine clayey sand	0.30m-7.00m INNER LINING - CASING = Pvc Class 9			2009-06-19	1989	East
WRK083116	Observation	0.00m-0.05m Asphalt 0.05m-0.80m FILL: SANDY GRAVEL, FINE TO COARSE GRAINED MED DENSE, MOIST 0.80m-10.00m SILTY CLAY: VERY STIFF TO HARD BROWN, ORANGE BROWN MOIST	0.00m-6.00m INNER LINING - CASING = UPVC class 12 0.00m-2.00m OUTER LINING - GRAVEL = Cement 2.00m-5.50m OUTER LINING - GRAVEL = Bentonite 5.50m-10.00m OUTER LINING - GRAVEL = Gravel		6.00m-10.00m Silt	2014-12-12	1990	North
WRK083112	Observation	0.00m-0.05m ASPHALT 0.05m-1.00m FILL, SANDY GRAVEL, INE-COARSE, GREY MOIST 1.00m-10.00m SILTY CLAY, VERY STIFF - HARD, BROWN - ORANGE BROWN, MOIST	0.00m-4.00m INNER LINING - CASING = UPVC class 12 0.00m-1.00m OUTER LINING - GRAVEL = Cement 1.00m-3.50m OUTER LINING - GRAVEL = Bentonite 3.50m-10.00m OUTER LINING - GRAVEL = Gravel		4.00m-10.00m Silt	2014-12-11	1994	North
WRK958989	Domestic & Stock	0.00m-4.00m RED BROWN SILTY CLAY 4.00m-8.00m BROWN SILTY SANDY CLAY 8.00m-12.00m BROWN MED COARSE SAND	0.30m-10.00m INNER LINING - CASING = Pvc 6.00m-12.00m OUTER LINING - GRAVEL = Gravel		10.00m-12.00m Sand	2007-10-29	1997	North East
70326	Dewatering	0.00m-2.50m RED BROWN SILTY CLAY 2.50m-3.50m BROWN MEDIUM COARSE CLAYEY SAND 3.50m-5.50m BROWN MEDIUM COARSE SAND	0.00m-4.00m INNER LINING - CASING = Not Known 4.00m-5.50m INNER LINING - SCREEN = Not Known 3.00m-5.50m OUTER LINING - GRAVEL = Gravel		4.00m-5.50m Sand	1991-02-03	1998	South West
44851	Observation	0.00m-7.00m CLAYS 7.00m-8.50m SAND	0.00m-7.00m INNER LINING - CASING = Pvc 7.00m-8.50m INNER LINING - SCREEN = Slotted Pvc 7.00m-8.50m OUTER LINING - GRAVEL = Seal	Date/time: 1993-08-12 0000 Quality: 47 WLMP: 2.20m DBNS: RWL:		1989-01-18	1998	East
2929	Observation	0.00m-1.00m RED/BROWN SANDY CLAY MOIST 1.00m-1.50m GREY/BROWN SANDY CLAY MOIST 1.50m-2.50m BROWN SANDY CLAY MOIST 2.50m-3.00m PURPLE/BROWN SANDY CLAY MOIST 3.00m-4.00m BROWN SANDY CLAYS MOIST 4.00m-7.00m CLAYS MOIST 7.00m-8.50m SANDS WET 8.50m-15.00m CLAYS WET	0.00m-13.00m INNER LINING - CASING = Pvc 13.00m-15.00m INNER LINING - SCREEN = Slotted Pvc 13.00m-15.00m OUTER LINING - GRAVEL = Seal	Date/time: 1992-08-17 1400 Quality: 47 WLMP: 4.23m DBNS: RWL:		1989-01-18	1998	East

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

## Shepparton South East Precinct Structure Plan (Section 2)

### Boreholes (Earth Resources Database)

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

Bore Id	Bore Type	Company	Usage	Method	Status	Drill Date	Depth	Elevation	Accuracy (m)	Dist (m)	Direct
2285		Rural Water Commission	Groundwater Investigation			01/01/1950		115.69	300	0	Onsite
2286		Rural Water Commission	Groundwater Investigation			01/01/1950		115.11	300	0	Onsite
2287		Rural Water Commission	Groundwater Investigation			01/01/1950		115.04	300	0	Onsite
2288		Rural Water Commission	Groundwater Investigation			01/01/1950		114.96	300	0	Onsite
42589		Rural Water Commission	Groundwater Investigation			01/01/1950		115.69	300	0	Onsite
42590		Rural Water Commission	Groundwater Investigation			01/01/1950		115.11	300	0	Onsite
42591		Rural Water Commission	Groundwater Investigation			01/01/1950		115.04	300	0	Onsite
42592		Rural Water Commission	Groundwater Investigation			01/01/1950		114.96	300	0	Onsite
90932		Private Individual/Corporation	Domestic water supply	Mechanical Auger		17/07/1979	10.60		300	0	Onsite
90943		Private Individual/Corporation		Jet	Abandoned	24/09/1983	30.50		100	0	Onsite
82516		Rural Water Commission	Groundwater Investigation			01/01/1950		107.22	300	182	North East
42588		Rural Water Commission	Groundwater Investigation			01/01/1950		115.52	300	213	North East
2284		Rural Water Commission	Groundwater Investigation			01/01/1950		115.52	300	213	North East
2116		Rural Water Commission	Groundwater Investigation			01/01/1950			300	712	North East
2118		Rural Water Commission	Groundwater Investigation			01/01/1950			300	718	North East
2181		Rural Water Commission	Groundwater Investigation			01/01/1950		113.12	300	742	South West
42525		Rural Water Commission	Groundwater Investigation			01/01/1950		113.12	300	742	South West
42516		Rural Water Commission	Groundwater Investigation			01/01/1950			300	764	North East
90902		Rural Water Commission	Groundwater Investigation			01/01/1950			300	764	North East
90903		Rural Water Commission	Groundwater Investigation			01/01/1950			300	764	North East
42513		Rural Water Commission	Groundwater Investigation			01/01/1950			300	775	North East
42587		Rural Water Commission	Groundwater Investigation			01/01/1950		115.57	300	777	North
2283		Rural Water Commission	Groundwater Investigation			01/01/1950		115.54	300	777	North
2117		Rural Water Commission	Groundwater Investigation			01/01/1950			300	817	North East
2351		Rural Water Commission	Groundwater Investigation			01/01/1950			300	841	North
2352		Rural Water Commission	Groundwater Investigation			01/01/1950			300	857	North

Bore Id	Bore Type	Company	Usage	Method	Status	Drill Date	Depth	Elevation	Accuracy (m)	Dist (m)	Direct
2353		Rural Water Commission	Groundwater Investigation			01/01/1950			300	887	North East
2115		Rural Water Commission	Groundwater Investigation			01/01/1950			300	895	North East
42511		Rural Water Commission	Groundwater Investigation			01/01/1950			300	895	North East
42512		Rural Water Commission	Groundwater Investigation			01/01/1950			300	895	North East
42605		Rural Water Commission	Groundwater Investigation			01/01/1950		115.67	300	923	North East
2354		Rural Water Commission	Groundwater Investigation			01/01/1950		115.67	300	923	North East
2355		Rural Water Commission	Groundwater Investigation			01/01/1950		115.80	300	1093	North East
90930		Private Individual/Corporation	Fire fighting/Sports/general			20/01/1975	10.06		300	1155	North East
70284		Private Individual/Corporation	Domestic & Stock water supply	Jet		21/04/1980	11.84		300	1182	South West
2051		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1195	North East
2356		Rural Water Commission	Groundwater Investigation			01/01/1950		115.04	300	1301	North East
42606		Rural Water Commission	Groundwater Investigation			01/01/1950		115.04	300	1301	North East
2127		Rural Water Commission	Groundwater Investigation			01/01/1950		115.66	300	1325	North East
90844		Department of Manufacturing & Industry Development		Percussion (cable)		27/08/1974	10.00	115.28	300	1399	North East
2052		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1403	North East
2359		Rural Water Commission	Groundwater Investigation			01/01/1950		115.62	300	1436	North East
42608		Rural Water Commission	Groundwater Investigation			01/01/1950		115.62	300	1436	North East
42607		Rural Water Commission	Groundwater Investigation			01/01/1950		116.05	300	1480	North East
2357		Rural Water Commission	Groundwater Investigation			01/01/1950		116.05	300	1480	North East
90845		Department of Manufacturing & Industry Development		Percussion (cable)		28/08/1974	12.00	115.03	300	1487	North East
42528		Rural Water Commission	Groundwater Investigation			01/01/1950			300	1500	South East
42529		Rural Water Commission	Groundwater Investigation			01/01/1950		116.67	300	1500	South East
2184		Rural Water Commission	Groundwater Investigation			01/01/1950		116.67	300	1500	South East
2358		Rural Water Commission	Groundwater Investigation			01/01/1950		116.01	300	1516	North East
2514		Rural Water Commission	Groundwater Investigation			01/01/1950		114.99	300	1543	North East
42613		Rural Water Commission	Groundwater Investigation			01/01/1950		115.90	300	1571	North East
2364		Rural Water Commission	Groundwater Investigation			01/01/1950		115.90	300	1571	North East
2507		Rural Water Commission	Groundwater Investigation			01/01/1950		115.09	300	1595	North East
2505		Rural Water Commission	Groundwater Investigation			01/01/1950		115.11	300	1606	North East
90846		Department of Manufacturing & Industry Development		Percussion (cable)		31/08/1974	10.00	115.03	300	1633	North East
2506		Rural Water Commission	Groundwater Investigation			01/01/1950		115.28	300	1653	North East

Bore Id	Bore Type	Company	Usage	Method	Status	Drill Date	Depth	Elevation	Accuracy (m)	Dist (m)	Direct
2502		Rural Water Commission	Groundwater Investigation			01/01/1950		115.38	300	1661	North East
2501		Rural Water Commission	Groundwater Investigation			01/01/1950		115.39	300	1671	North East
42654		Rural Water Commission	Groundwater Investigation			01/01/1950		115.60	300	1692	North East
2513		Rural Water Commission	Groundwater Investigation			01/01/1950		115.60	300	1692	North East
2508		Rural Water Commission	Groundwater Investigation			01/01/1950		115.17	300	1710	North East
2503		Rural Water Commission	Groundwater Investigation			01/01/1950		115.46	300	1711	North East
2504		Rural Water Commission	Groundwater Investigation			01/01/1950		115.49	300	1740	North East
70274		Private Individual/Corporation			Abandoned	30/06/1977	30.50		300	1751	South
42527		Rural Water Commission	Groundwater Investigation			01/01/1950		116.49	300	1776	South East
2183		Rural Water Commission	Groundwater Investigation			01/01/1950		116.49	300	1776	South East
2509		Rural Water Commission	Groundwater Investigation			01/01/1950		115.50	300	1782	North East
2510		Rural Water Commission	Groundwater Investigation			01/01/1950		115.16	300	1822	North
70257		Private Individual/Corporation	Domestic & Stock water supply			11/12/1970	50.90		300	1840	West
42652		Rural Water Commission	Groundwater Investigation			01/01/1950		115.40	300	1843	North East
2511		Rural Water Commission	Groundwater Investigation			01/01/1950		115.40	300	1843	North East
2360		Rural Water Commission	Groundwater Investigation			01/01/1950		115.37	300	1844	North East
42609		Rural Water Commission	Groundwater Investigation			01/01/1950		115.37	300	1844	North East
90851		Department of Manufacturing & Industry Development		Percussion (cable)		11/09/1974	13.50	115.18	300	1900	North East
90849		Department of Manufacturing & Industry Development		Percussion (cable)		05/09/1974	13.50	115.21	300	1911	North East
90850		Department of Manufacturing & Industry Development		Percussion (cable)		11/09/1974	13.20	115.24	300	1916	North East
90847		Department of Manufacturing & Industry Development		Percussion (cable)		07/09/1974	15.00	115.40	300	1916	North East
90852		Department of Manufacturing & Industry Development		Percussion (cable)		21/09/1974	13.50	115.16	300	1916	North East
90853		Department of Manufacturing & Industry Development		Percussion (cable)		28/09/1974	13.00	115.29	300	1916	North East
42655		Rural Water Commission	Groundwater Investigation			01/01/1950		114.97	300	1924	North East
2515		Rural Water Commission	Groundwater Investigation			01/01/1950		114.97	300	1924	North East
90848		Department of Manufacturing & Industry Development		Percussion (cable)		07/09/1974	15.00	115.39	300	1928	North East
42653		Rural Water Commission	Groundwater Investigation			01/01/1950		115.03	300	1949	North East
2512		Rural Water Commission	Groundwater Investigation			01/01/1950		115.03	300	1949	North East

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 dataset 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

## Historical Mining Activity - Shafts

### Shepparton South East Precinct Structure Plan (Section 2)

## Historical Mining Activity - Shafts

Mine Shaft Locations were collected by a variety of methods from 1869 in some areas of the state, mainly concentrating in Ballarat and Bendigo. In places a shaft may be recorded multiple times with a different source. In cases where several shaft locations are shown close together (generally with separations less than stated position errors) and they have different sources, it is possible that one shaft has been mapped several times. In cases where several shaft locations are shown close together but they have the same information source, it is possible that each shaft location represents a different shaft on the ground.

Historical Mine Shafts within the dataset buffer:

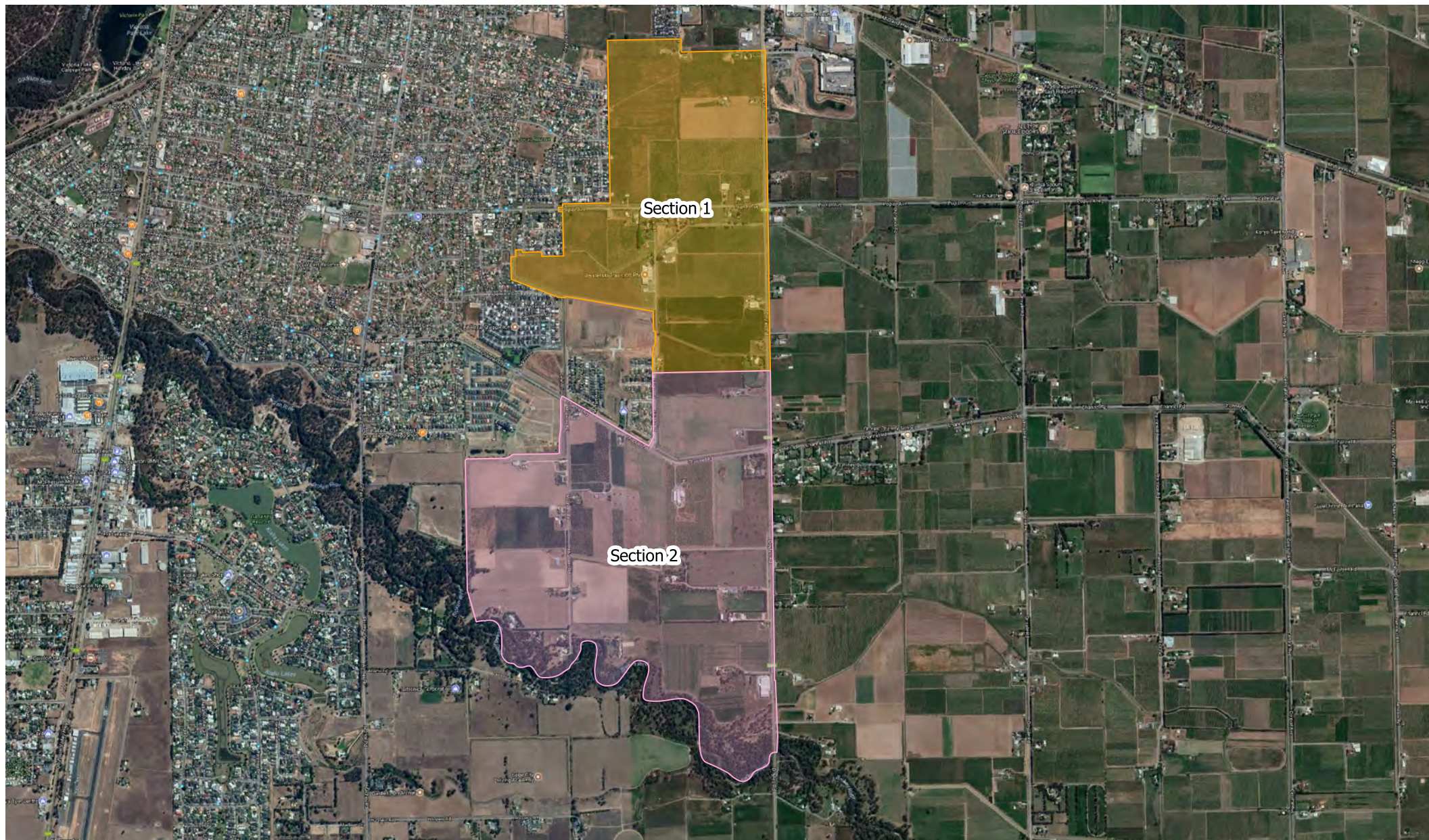
Map Id	Name	Source	Depth (m)	Collar (ft)	Fill/Cap Method	Location Desc	Location Accuracy	Distance	Direction
N/A	No records in buffer								





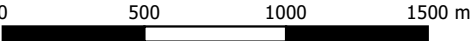
Historical Mining Activity Data Custodian: State Government Victoria - Dept of Economic Development, Jobs, Transport & Resources

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## Appendix G Wetland Databases



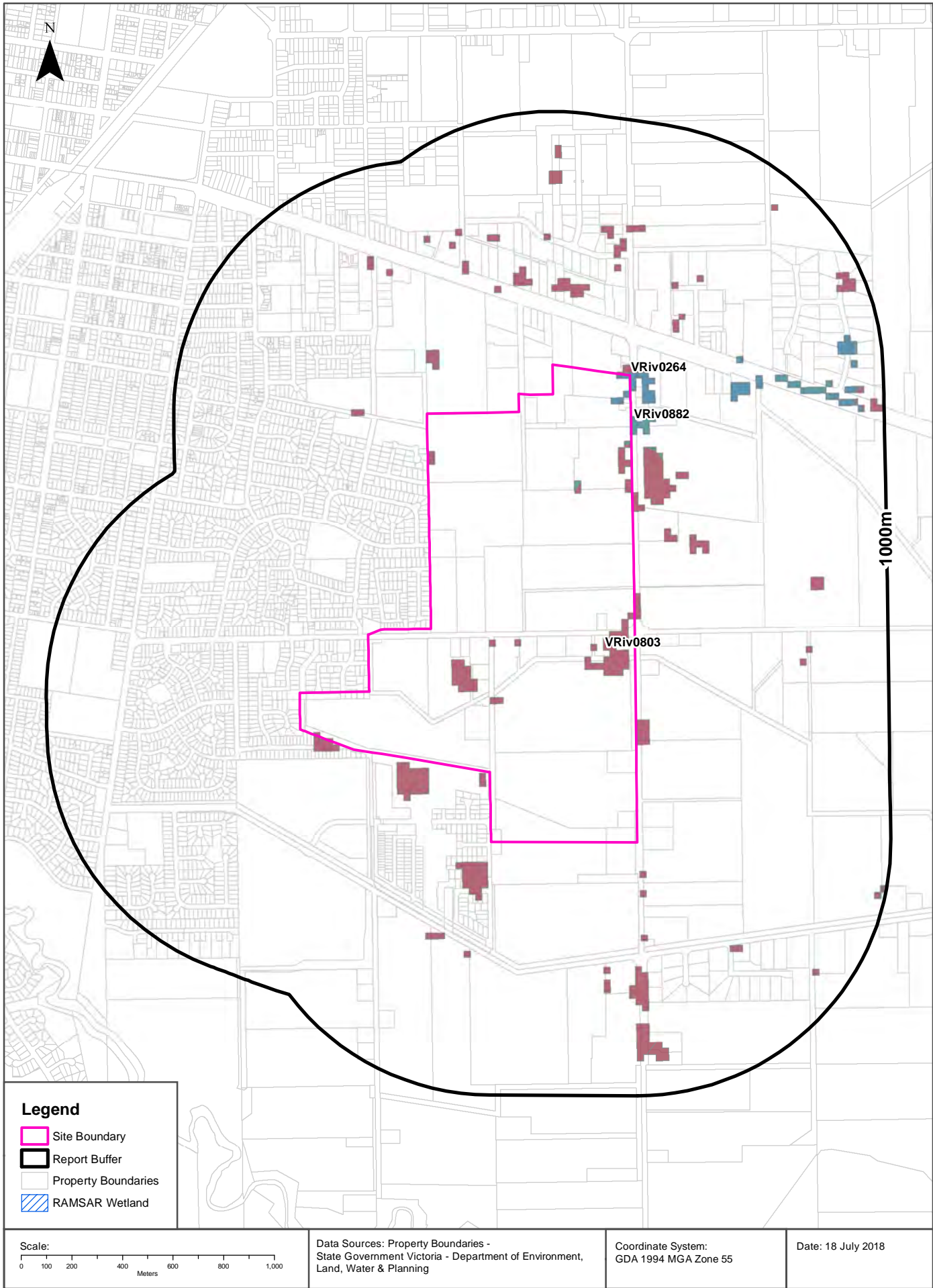


Project: Land Capability Assessment	Location: Shepparton South East Precinct Structure Plan Victoria	Client: Victorian Planning Authority	Legend  Section 1  Section 2	 Member of the Surbana Jurong Group
Plan of Sections Note: Aerial imagery sourced from Google Maps	Date: 14/08/2018  	Project Number: 30041764		



# Ecological Constraints - Native Vegetation 2005 & RAMSAR Wetlands

## Shepparton South East Precinct Structure Plan (Section 1)



## Ecological Constraints

### Shepparton South East Precinct Structure Plan (Section 1)

## Native Vegetation (Modelled 2005 Ecological Vegetation Classes)

What native vegetation exists within the dataset buffer?

Veg Code	EVC Name	EVCode	Group	Subgroup	Bioregion	Conservation Status	Geographic Occurance	Distance
VRiv0264	Sand Ridge Woodland	0264	Plains Woodlands or Forests	Lunettes or beach ridges or shallow sands	Victorian Riverina	Endangered	Rare	0m
VRiv0803	Plains Woodland	0803	Plains Woodlands or Forests	Poorly-draining	Victorian Riverina	Endangered	Common	0m
VRiv0882	Shallow Sands Woodland	0882	Plains Woodlands or Forests	Lunettes or beach ridges or shallow sands	Victorian Riverina	Endangered	Naturally Restricted	0m

Native Vegetation Data Custodian: State Government Victoria - Dept of Environment, Land, Water & Planning  
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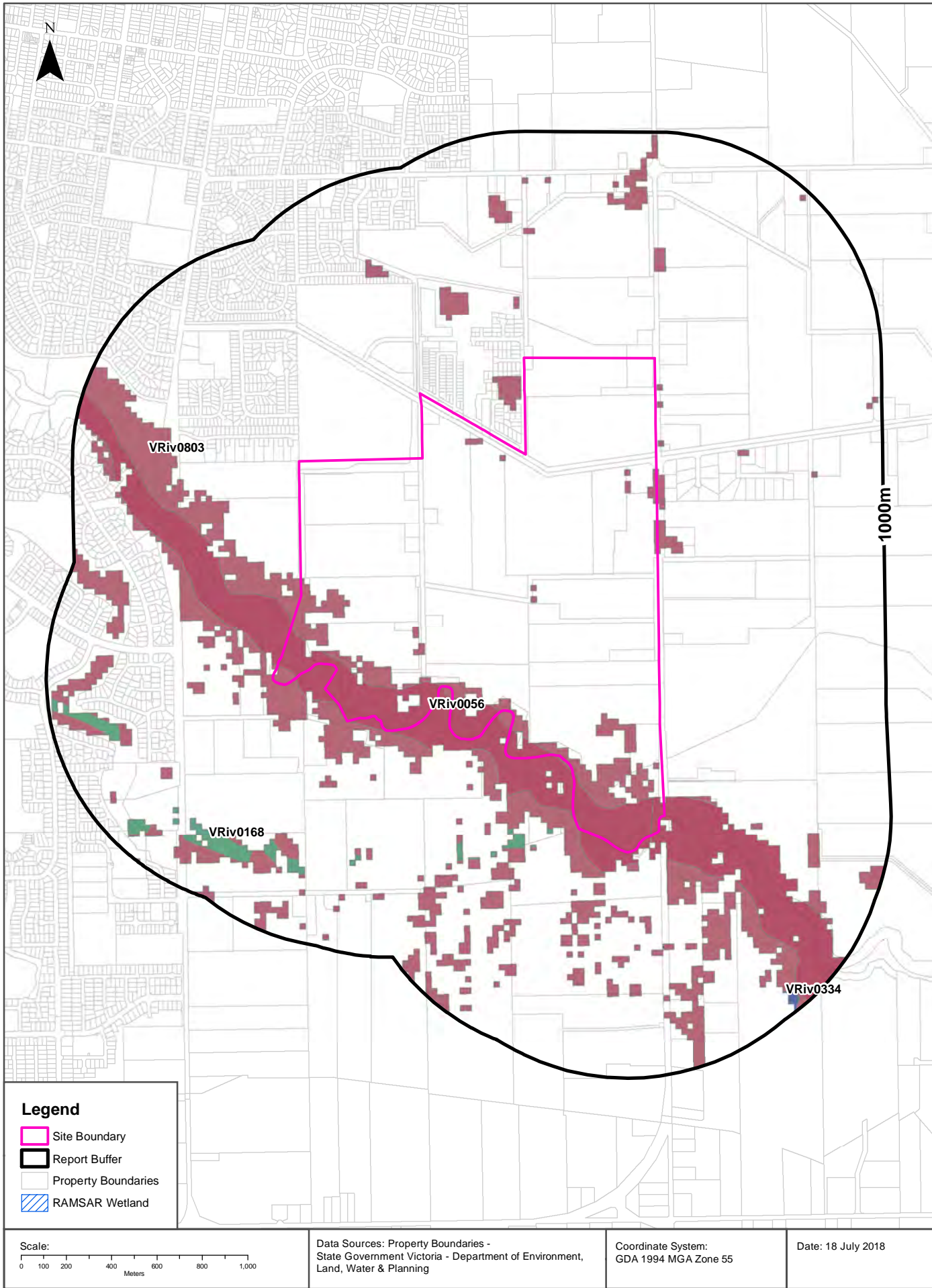
## RAMSAR Wetlands

What RAMSAR wetland areas exist within the dataset 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  
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## Ecological Constraints

### Shepparton South East Precinct Structure Plan (Section 2)

## Native Vegetation (Modelled 2005 Ecological Vegetation Classes)

What native vegetation exists within the dataset buffer?

Veg Code	EVC Name	EVCode	Group	Subgroup	Bioregion	Conservation Status	Geographic Occurance	Distance
VRiv0056	Floodplain Riparian Woodland	0056	Riverine Grassy Woodlands or Forests	Creekline and/or swampy	Victorian Riverina	Vulnerable	Common	0m
VRiv0803	Plains Woodland	0803	Plains Woodlands or Forests	Poorly-draining	Victorian Riverina	Endangered	Common	0m
VRiv0168	Drainage-line Aggregate	0168	Riverine Grassy Woodlands or Forests	Creekline and/or swampy	Victorian Riverina	Endangered	Naturally Restricted	108m
VRiv0334	Billabong Wetland Aggregate	0334	Wetlands	Freshwater	Victorian Riverina	Vulnerable	Rare	891m

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

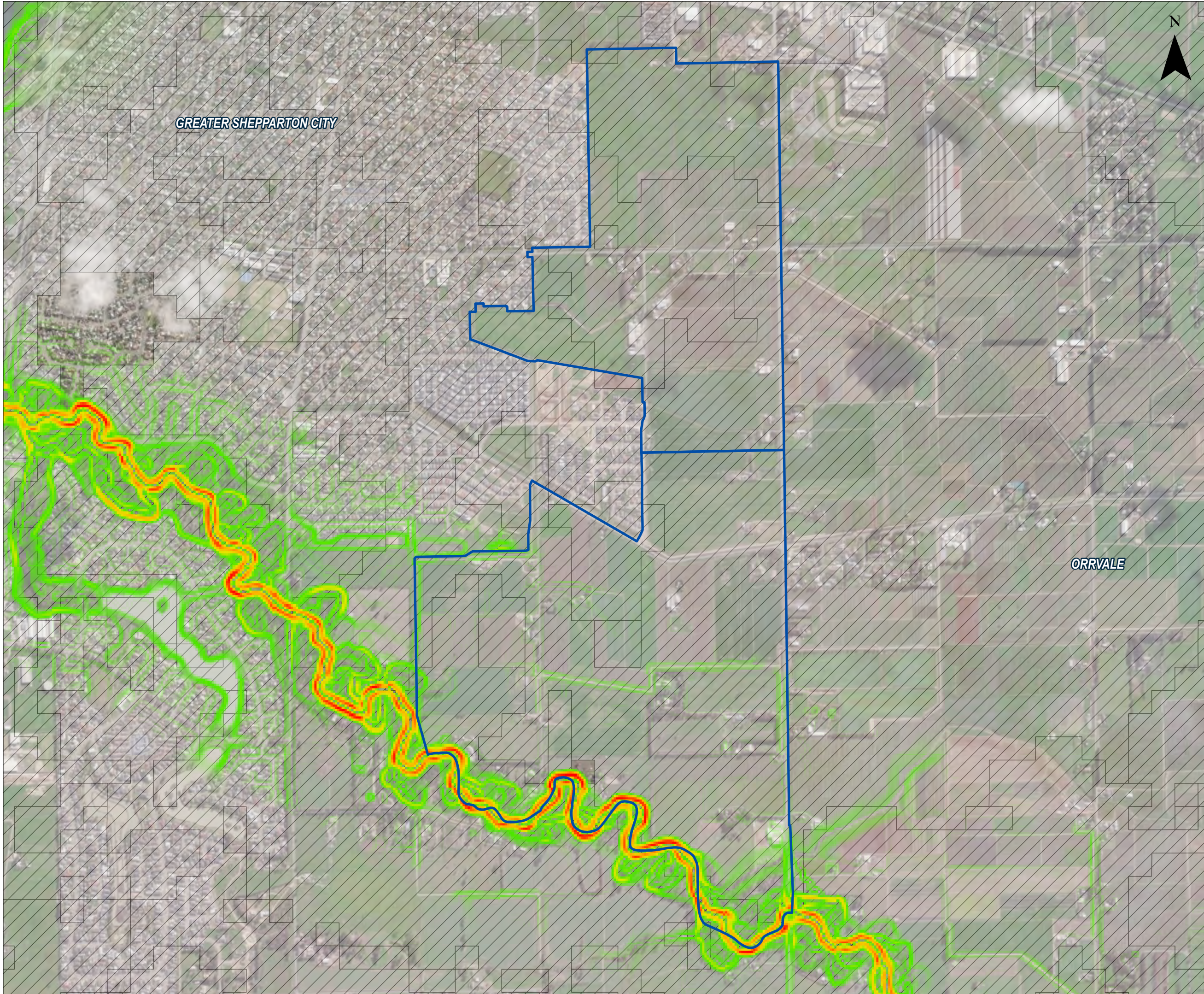
What RAMSAR wetland areas exist within the dataset buffer?

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  
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## Appendix H Sodic Soils Map

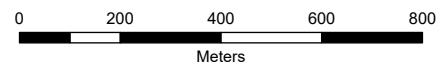




**SMEC**


Member of the Surbana Jurong Group

SMEC AUSTRALIA PTY LTD  
ABN 47 065 475 149




Scale:1:15,000 @ A3  
GDA2020 MGA Zone 55


**LEGEND**

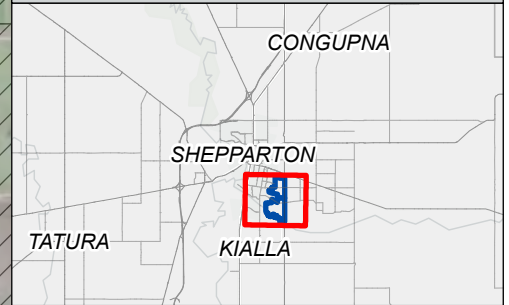
 Site boundary

**Approximate Sodic Soil Type Boundary**

 Sodic (ESP 6-15%)

**Relative Slope**

 High  
Low



**SOURCES:**  
1. Victorian Sodic Soils and Elevation © DELWP 2022  
2. Basemap © Light Gray Base: Vicmap, Esri, Garmin, FAO, NOAA, USGS  
Light Gray Base: Vicmap, Esri, HERE, Garmin, Foursquare, FAO, METINASA, USGS  
World Imagery: Maxar

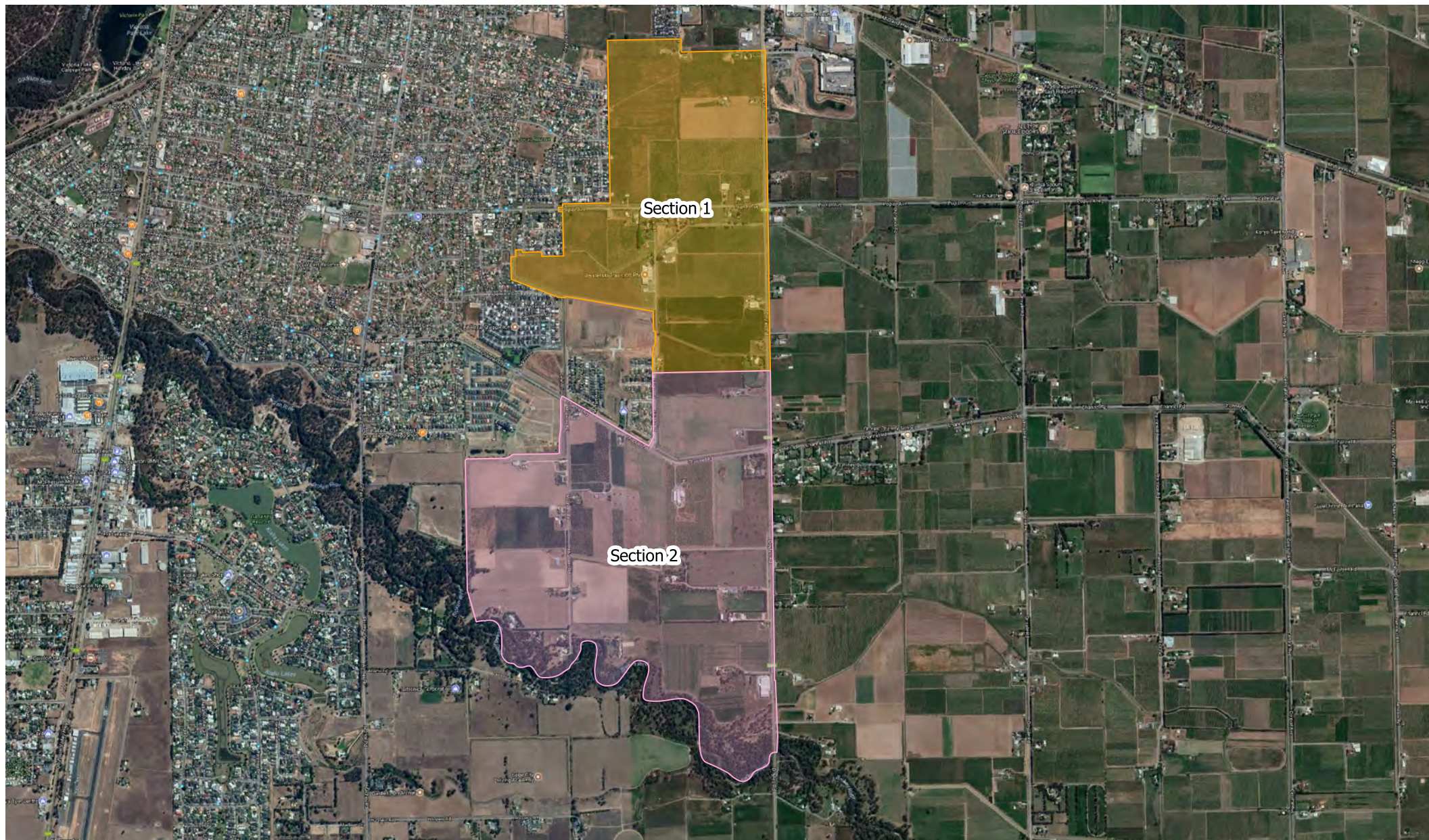
© SMEC Australia Pty Ltd 2022. All Rights Reserved  
Disclaimer: While all reasonable care has been taken to ensure the information contained on this map is up to date and accurate, this map contains data from a number of sources - no warranty is given that the information contained on this is free from error or omission. Any reliance placed on such information shall be at the sole risk of the user. Please verify the accuracy of all information prior to using it. This map is not a design document.





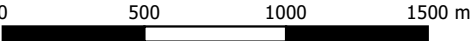
<b>PROJECT:</b>	Shepparton South East LCA Update
<b>PROJECT NO:</b>	30049115
<b>FIGURE NO:</b>	1
<b>FIGURE TITLE:</b>	Sodic Soil Types
<b>CREATED BY:</b>	AP15941
<b>DATE:</b>	7/10/2022
<b>VERSION:</b>	1



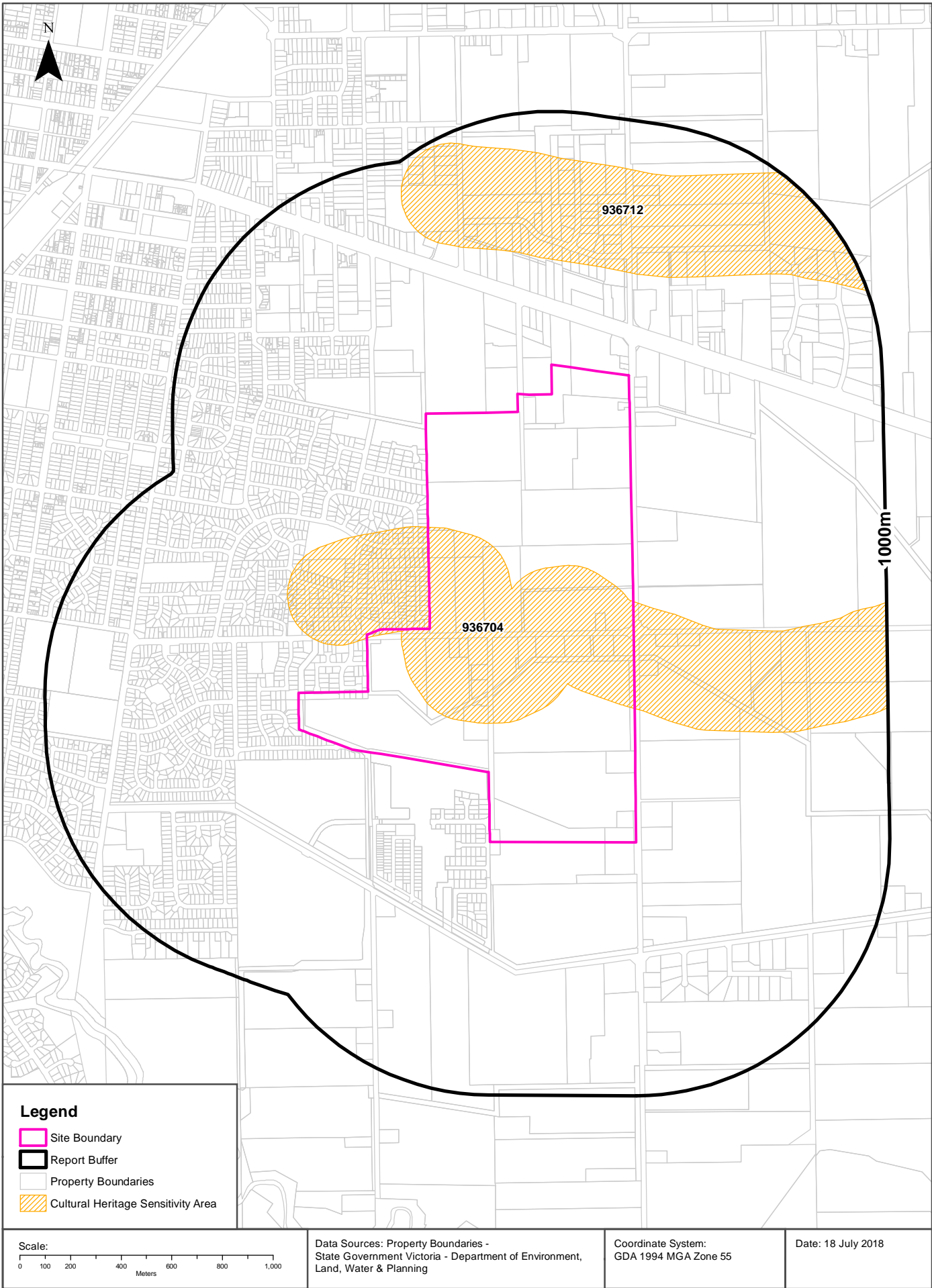
## Appendix I Cultural Heritage Overlay Maps





Project: Land Capability Assessment	Location: Shepparton South East Precinct Structure Plan Victoria	Client: Victorian Planning Authority	Legend  Section 1  Section 2	 Member of the Surbana Jurong Group
Plan of Sections Note: Aerial imagery sourced from Google Maps	Date: 14/08/2018  	Project Number: 30041764		





## Heritage

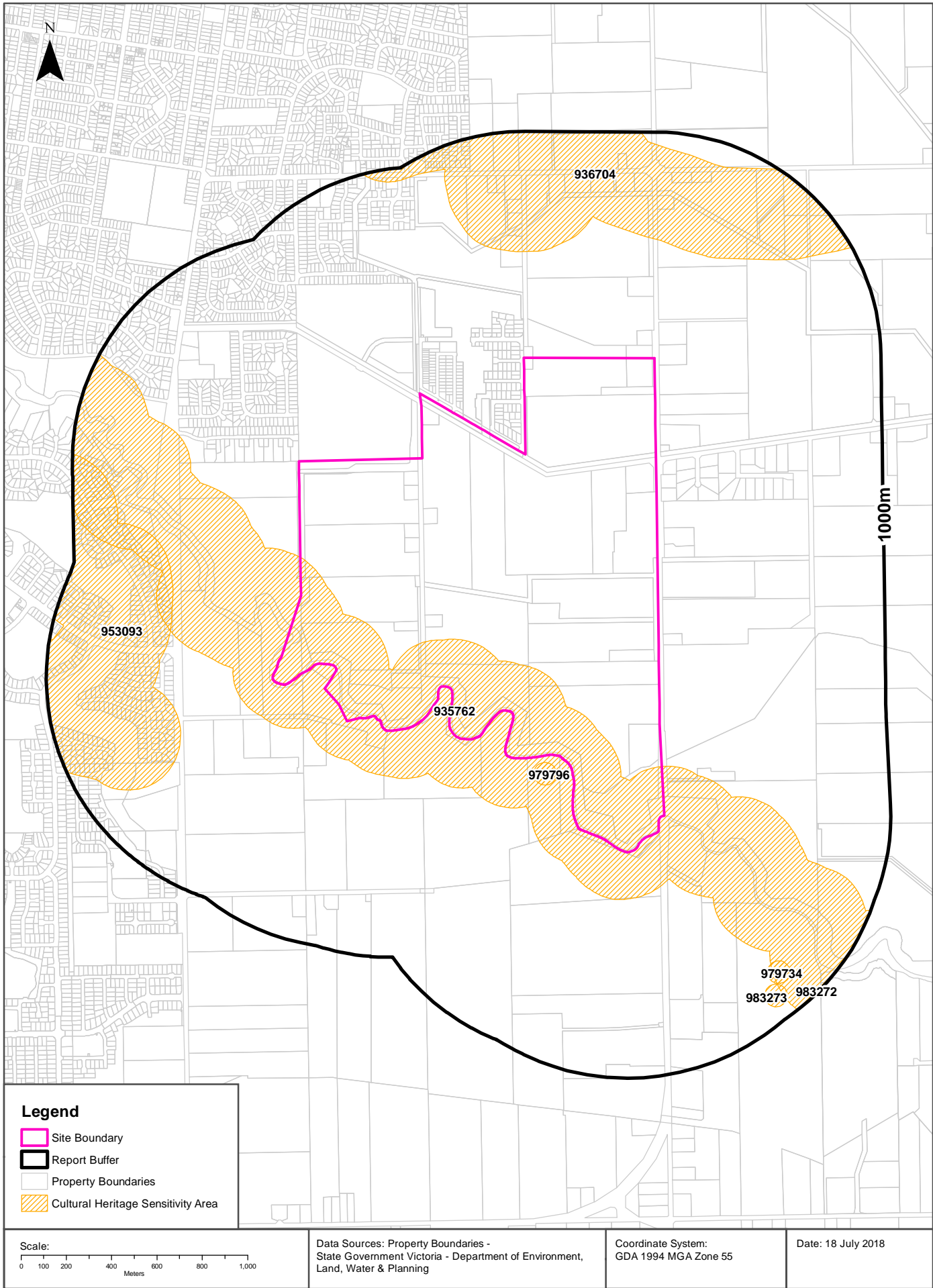
### Shepparton South East Precinct Structure Plan (Section 1)

## Cultural Heritage Sensitivity

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

Map Id	Distance	Direction
936704	0m	Onsite
936712	401m	East

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>



## Heritage

### Shepparton South East Precinct Structure Plan (Section 2)

## Cultural Heritage Sensitivity

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

Map Id	Distance	Direction
935762	0m	Onsite
979796	29m	South
953093	451m	West
936704	469m	East
979734	768m	South East
983273	841m	South East
983272	982m	South East

Cultural Heritage Sensitivity Data Custodian: State Government Victoria - Dept of Planning and Community Development  
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## Appendix J      Groundwater Restricted Use Maps



# Map of groundwater quality restricted use zones in Victoria

Suburb

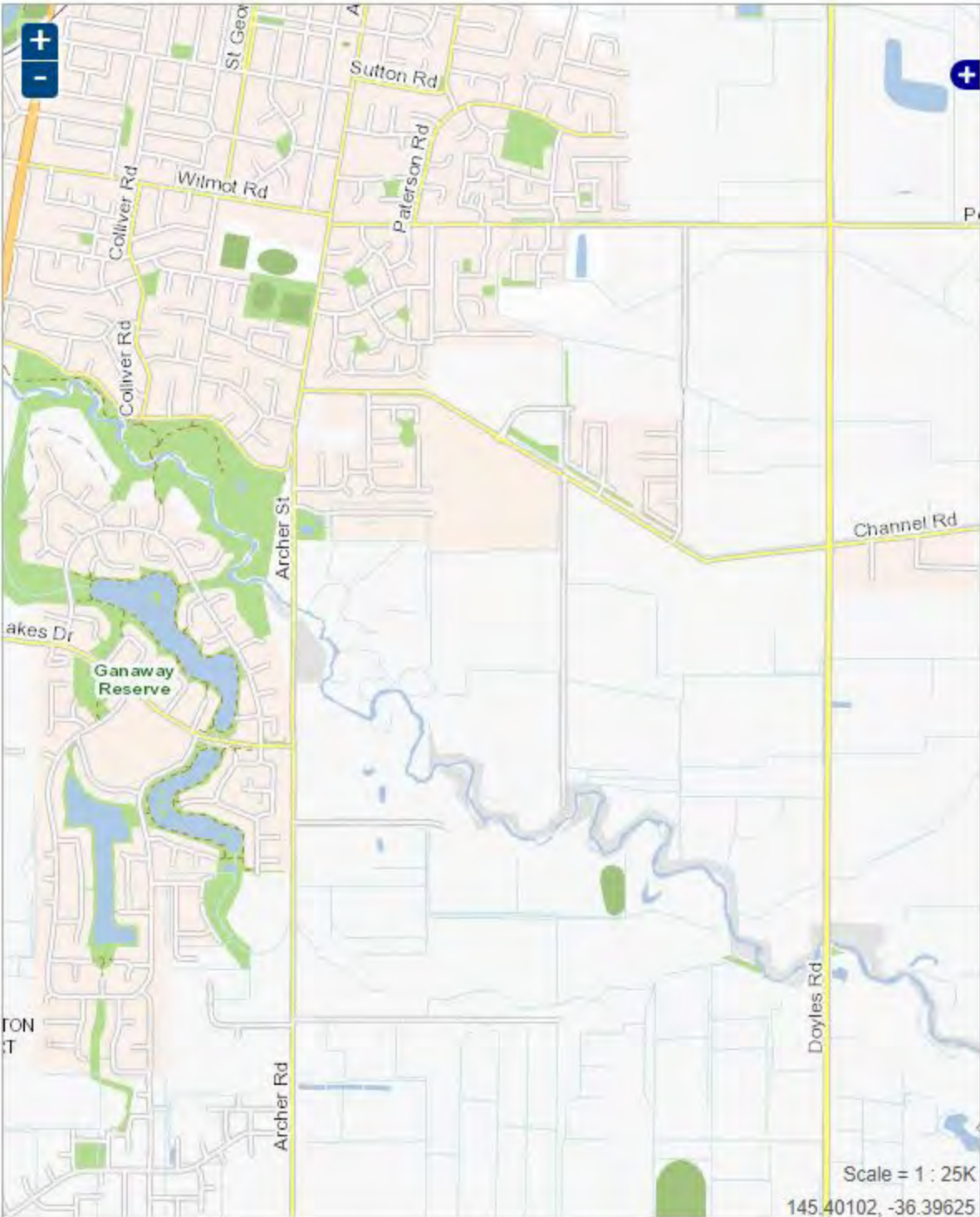
Street

Street No.

Unit No.

SHEPPARTON

SEARCH



Help

Legend

- GQRUZs
- Cluster of GQRUZs

Result Candidates

Select from the candidate locations in the search results list below.



## Appendix K Anecdotal Evidence

## Jonathan Cull

---

**From:** Mitchell Stoter <Mitchell.Stoter@shepparton.vic.gov.au>  
**Sent:** Wednesday, 1 August 2018 3:22 PM  
**To:** Jonathan Cull  
**Subject:** RE: Information Request

Good Afternoon Jonathan,

I've been in contact with Council's Local Environment Protection Officer, Heath Robison, who works for the EPA. As I've been informed, there have been no major instances of illegal dumping within the broader SEPSP region.

Heath was able to contact the Wangaratta office regarding 27 & 32 Feiglin Road. The EPA also undertook a site inspection at 32 Feiglin Road four years ago and found no breaches of environmental protocol.

Hope this helps.

Cheers



**Mitchell Stoter**  
**Graduate Strategic Planner – Amendments**  
**Greater Shepparton City Council**  
Phone: (03) 5832 9821  
Email: [mitchell.stoter@shepparton.vic.gov.au](mailto:mitchell.stoter@shepparton.vic.gov.au)  
Website: [www.greatershepparton.com.au](http://www.greatershepparton.com.au)

---

---

**From:** Jonathan Cull [mailto:Jonathan.Cull@smec.com]  
**Sent:** Wednesday, 1 August 2018 2:02 PM  
**To:** Mitchell Stoter  
**Subject:** RE: Information Request

Thanks Mitchell,

End of the week will be good.

Cheers

### Jonathan Cull

Senior Environmental Scientist  
**M** +61 4 7831 7312 **T** +61 3 9514 1564  
**E** Jonathan.Cull@smec.com

### Local People, Global Experience

SMEC (Member of the Surbana Jurong Group)  
Level 10, 71 Queens Road, Melbourne, VIC, 3004, Australia  
[www.smec.com](http://www.smec.com) | [Linkedin](#)

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## SMEC Melbourne is on the move!

From 27 August 2018, our Melbourne office is relocating to Collins Square Docklands to better serve our clients. Our new address will be:

**From:** [Martin ROSE](#)  
**To:** [Jonathan Cull](#)  
**Subject:** Shepparton Interview with Shepparton Heritage Centre  
**Date:** Monday, 13 August 2018 3:57:42 PM

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Hi Jonno,

I contacted Peter Matthews, an Education Officer of the Shepparton Heritage Centre. Peter has a fair knowledge of the Site area (i.e. from Midland Highway to Broken River and east to Doyles Road). As with much of the region, the area was initially used as grazing land until irrigation was established in the early 1990's. The land was since used for orchids of apples, pears and other stone fruits. The Shepparton Preserving Company was established in the region in 1917 and fruit canning practises were established elsewhere in the region.

To the best of Peter's knowledge, there has been no large chemical spills, chemical storage leaks or waste dumping within the site area.

Regards

**Martin Rose**

Environmental Scientist - Contaminated Land

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**Local People, Global Experience**

SMEC (Member of the Surbana Jurong Group)

[www.smec.com](http://www.smec.com) | [Linkedin](#)

**From:** Michael MacDonagh  
**To:** [Melissa McCallum](#)  
**Subject:** FW: Dangerous or Hazardous Goods Sites List  
**Date:** Monday, 16 July 2018 9:30:58 AM  
**Attachments:** [image001.png](#)

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FYI, Melissa.

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**From:** Karen Dexter  
**Sent:** Monday, 16 July 2018 9:30 AM  
**To:** Michael MacDonagh  
**Cc:** Colin Kalms  
**Subject:** RE: Dangerous or Hazardous Goods Sites List

Hi Michael

The address is 7810 GV Hwy and the ledger at the gate is a list of all hazardous materials on site for fire brigade. Mostly aviation fuel I would imagine.

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**From:** Michael MacDonagh  
**Sent:** Monday, 16 July 2018 9:27 AM  
**To:** Karen Dexter; Peter Gunn  
**Cc:** Colin Kalms  
**Subject:** RE: Dangerous or Hazardous Goods Sites List

Thanks, Karen. Do you know what this site is and its address? Is it kerosene for the aerodrome or something?

Thanks,

Michael

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**From:** Karen Dexter  
**Sent:** Monday, 16 July 2018 9:22 AM  
**To:** Michael MacDonagh; Peter Gunn  
**Cc:** Colin Kalms  
**Subject:** RE: Dangerous or Hazardous Goods Sites List

Hi Michael

We don't have a list that I am aware of, apart from one that is at the front of the aerodrome.

Kind regards  
KAREN

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**From:** Michael MacDonagh  
**Sent:** Monday, 16 July 2018 9:09 AM  
**To:** Karen Dexter; Peter Gunn  
**Cc:** Colin Kalms  
**Subject:** Dangerous or Hazardous Goods Sites List

Hi Karen and Peter,

Do we have such a list of sites in our municipality?

Thanks,

Michael



**Michael MacDonagh**

**Team Leader Strategic Planning**

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**Greater Shepparton City Council**

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## Appendix L Site Photographs



# July 2018 SMEC Site Inspection Photographs

Photographs taken on 31 July 2018



Photograph 1  
Fuel Bowser 1 in front of shed at 180 Channel Road



Photographs 2  
Fuel Bowser 2 in front of shed at 180 Channel Road



Photograph 3  
Waste Water Discharge Point at 180 Channel Road



Photographs 4  
Inside Sheds at 180 Channel Road





Photograph 5  
Storage of Aglime at 180 Channel Road



Photographs 6  
Burning of Waste at 180 Channel Road





Photograph 7  
Solid Waste at 180 Channel Road



Photographs 8  
Cooling Units at 180 Channel Road





Photograph 9  
Above Ground Storage Tank at 28 McPhees Road



Photograph 10  
Solid waste at rear of shed at 28 McPhees Road





Photograph 11  
Above Ground Storage Tank on trailer and general waste at rear of shed  
at 28 McPhees Road



Photographs 12  
Oil stain on forecourt surface at 28 McPhees Road





Photograph 13  
Forecourt area at 32 Feiglin Road



Photographs 14  
Machinery maintenance inside shed at 32 Feiglin Road





Photograph 15  
Vacant land at the corner of Poplar Avenue and Feiglin Road



Photograph 16  
Farming Land on Doyles Road





Photograph 17  
Cool Store Sheds at 640 Doyle's Road



Photograph 18  
Fuel bowser connected to underground storage tank at 640 Doyle's Road



Photograph 19  
Rear of sheds at 640 Doyles Road



Photograph 20  
Site of proposed primary school facing north east

## local people global experience

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SMEC is recognised for providing technical excellence and consultancy expertise in urban, infrastructure and management advisory. From concept to completion, our core service offering covers the life-cycle of a project and maximises value to our clients and communities. We align global expertise with local knowledge and state-of-the-art processes and systems to deliver innovative solutions to a range of industry sectors.