# Airservices Australia

## Mackay Airport

## Preliminary Site Investigation

March 2019

# Executive summary

Airservices Australia (Airservices) engaged GHD Pty Ltd (GHD) to conduct a Preliminary Site Investigation (PSI) at the Mackay Airport with particular regard to the potential for contamination from per- and poly-fluorinated alkyl substances (PFAS).

Based on the review of available site history information, site inspection and site interviews, the following potential sources of PFAS have been identified:

- Areas in which fire fighting services operate or have historically operated including:
  - The ARFF fire training ground
  - The ARFF fire station and workshop
  - Historical fire training areas
- Other potential sources were:
  - Surface water drainage channels
  - Fire extinguishers within hangars
  - Fire Systems Queensland commercial outlet/depot (fire safety equipment suppliers)

Based on the data obtained in the preliminary and targeted soil, surface water and groundwater sampling, the following summary is made:

- The primary source (use of AFFF containing PFAS) no longer exists. Secondary sources include residual soil and groundwater contamination.
- Soil and sediment results reported PFAS concentrations were either below the laboratory LOR or adopted human health and ecological guidelines, indicating that in the areas sampled, soils and sediments do not present an unacceptable risk to human health and ecological receptors.
- PFHxS+PFOS (sum) concentrations in eight of the nine groundwater samples analysed exceeded the drinking water guidelines and the PFOA concentrations in two groundwater samples (GMW6 and MW03) also exceeded the drinking water guidelines. PFOS concentrations in two samples analysed (GMW3 and GMW6) exceeded the adopted ecological screening criteria. These results indicate that groundwater may pose a potential risk to human health and ecological receptors. However, given that the site is located in an urbanised setting where council water supply is available, it is unlikely that groundwater onsite or in the vicinity is extracted for potable purposes.
- PFHxS+ PFOS (sum) concentrations in two of the three surface water samples analysed reported concentrations exceeding the adopted criteria for consumption of fish from fresh and marine water. Although the samples were collected from drainage lines, the water drains to Shellgrit Creek to the north of the site. It should be noted that the PFOA criteria for the consumption of fish from fresh and marine waters were lower than the laboratory limit of reporting.

  A test result higher than a guideline value does not mean the exposure or risk is above unacceptable levels. Rather, it indicates that further investigation is warranted.

  This report should be read in accordance with the limitations set out in Section 10.

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# Appendices

# 1. Introduction

Airservices Australia (Airservices) engaged GHD Pty Ltd (GHD) to conduct a Preliminary Site Investigation (PSI) at the Mackay Airport with particular regard to the potential for contamination from per- and poly-fluorinated alkyl substances (PFAS).

## 1.1 Background

Aqueous film-forming foam (AFFF) has been used for fire-fighting purposes around Australia for decades. On airports, AFFF has been used at fuel depots, hangars and for operational and fire training purposes.

AFFF has not been used in the provision of aviation rescue and fire-fighting (ARFF) services by Airservices since 2010 but continues to be used by others around fuel depots, hangars etc, at many airports, including the Mackay Airport. AFFF products historically used on airport sites contained PFAS. Depending on the type of AFFF used, the principal PFAS constituents could have included perfluorooctane sulfonate (PFOS), perfluorooctanoic acid (PFOA) or fluorotelomers such as 6:2 fluorotelomer sulfonate (6:2FtS) and 8:2 fluorotelomer sulfonate (8:2FtS).

## 1.2 Objectives

The objective of this PSI is to identify where there is potential for PFAS contamination to be present at the Mackay Airport as a result of previous activities by ARFF and other AFFF users. The report also seeks to identify potential sensitive receptors and stakeholders that may be impacted by possible PFAS contamination originating from the Mackay Airport.

## 1.3 Scope

The scope of work for the PSI included:

- Review of historical aerial photographs to gain an understanding of site development over time and identify potential areas where AFFF may have been used
- Review of current certificates of title and key lessees to identify site activities that may have included the use of AFFF
- Review of published data on geology, hydrology and hydrogeology to gain an understanding of site conditions and identify sensitive receptors
- Search of the groundwater bore database to understand beneficial uses for groundwater in the area
- Review of historical reports provided by Airservices to provide some background to previous investigations and site conditions
- A detailed site inspection to gain an understanding of site condition and inspect areas where there is potential for AFFF to have been used
- Interviews with personnel who have an understanding of current and historical site activities to identify areas where AFFF may have been used
- Preliminary, targeted soil, sediment, surface water and groundwater sample collection
- Development of a Conceptual Site Model (CSM) and potential source, pathway, receptor linkages
- Conclusions

# 2. Data quality objectives

The Data Quality Objective (DQO) process was applied to the preliminary investigations as described below, to ensure that data collection activities were appropriate and achieved the stated objectives. The DQO steps defined above have been addressed as follows.

Table 1 Data quality objectives

| Step | | Description |
|---|---|---|
| 1 | **State the problem to be resolved** | Where was AFFF historically used on Mackay Airport?<br>Do possible source, pathway, receptor linkages present an unacceptable risk? |
| 2 | **Identify the decision/s to be made** | To address the problem set out in Step 1, the following decisions are required to achieve the task objective and to identify data gaps and additional information that may be required:<br>• What activities have occurred at the site which may have involved the use of AFFF?<br>• What types of AFFF have been used?<br>• Where was AFFF stored on site?<br>• What is the nature of the contaminant migration pathways, particularly leading off the site?<br>• What sensitive receptors are present at and surrounding the site? |
| 3 | **Identify the inputs to the decision** | To inform the decisions and identify key data gaps and needs, the following information is considered necessary:<br>• Review of site conditions<br>• Review of available history information<br>• Interviews with site personnel<br>• Detailed site inspection<br>• Development of a Conceptual Site Model |
| 4 | **Define the boundaries of the study** | The Mackay Airport property boundaries. |
| 5 | **Develop a decision rule** | The key decision rules are:<br>Are there areas of the site, outside the current fire station, former fire station, where PFAS may be present and does this present 1) a potential unacceptable risk, or 2) a risk that contamination may be migrating off-site?<br>• If NO – further investigations can be targeted in these known (source) areas.<br>• If YES – more extensive investigations may be required to target broader areas of the site and understand the potential for off-site contamination. |

| Step | | Description |
|---|---|---|
| 6 | **Specify the tolerable limits on decision errors** | There is potential for anecdotal information to not always be accurate or to be limited in nature, and it is also difficult to assess site activities from historical aerial photographs based on poor resolution. Where possible, any potential sources of PFAS contamination will be cross checked through multiple lines of evidence.<br>The two decision errors that exist include:<br>• False positive – an area identified as potentially containing PFAS does not.<br>• False negative – Areas containing PFAS are not identified.<br>These can be managed through the implementation of a sampling program to confirm the PSI findings. |
| 7 | **Optimise the design for obtaining the data** | The CSM design will be optimised through:<br>• Identification of potential PFAS sources from existing information and investigations conducted by others.<br>• A preliminary and high level review of the likely hydraulic characteristics of the upper aquifer to estimate the groundwater flow direction and seepage velocities at various locations of the site.<br>• A review of the surface water pathways (hydrology) across and leaving the site. |

# 3. Site information

## 3.1 Site location

The site location is outlined in Figure 1 in Appendix A and location details are provided in Table 2.

Table 2 Site identification

| | |
|---|---|
| Street Address | Boundary Road East, East Mackay, Queensland 4740 |
| Site Area | Approximately 252 hectares |
| Title Identifiers | Lot 405 SP255594<br>Lot 2 RP842090<br>Lot 443 RP724222<br>Lot 532 SP239851<br>Lot 1 RP711078<br>Lot 381 RP711085<br>Lot 3 RP842090<br>Lot 1 RP842090 |
| Current Land Use | Airport and associated commercial enterprises |

## 3.2 Lease information

GHD has been provided with the lease information of the Mackay Airport. The current properties within Mackay and relevant lessees are summarised in Table 3 and current certificates of title are provided in Appendix B. The lessees identified are those that are considered to have a major presence on site and/or the potential to undertake activities that could cause contamination. Others are also included on the certificate of title that are not identified here based on their lesser relevance to this investigation.

Table 3 Summary of title lessee information

| Owner | Lot/ Plan | Lessee / Date |
|---|---|---|
| Queensland Airport Holdings (Mackay) Pty Ltd | Lot 1 RP 711078<br>Lot 381 RP 711085<br>Lot 443 RP 724222<br>Lot 3 RP 842090 | Airservices Australia |
| | | North Queensland Airports No. 3 (Mackay) Pty Limited. Term: 10 Dec 2008 – 10 Jan 2107 |
| | Lot 1 RP 713704<br>Lot 1 RP 723311<br>Lot 2 RP 723311<br>Lot 3 RP 723311<br>Lot 1 RP 842090<br>Lot 2 RP 842090 | North Queensland Airports No. 3 (Mackay) Pty Limited. Term: 10 Dec 2008 – 10 Jan 2107 |
| | | (Sub Lease) Mackay Airport Pty Ltd. Term: 10 Dec 2008 – 8 Dec 2107 |
| | Lot 405 CP 842088 | (Sub Lease) Peter Geoffrey Forrest Mary Elizabeth Forrest (Peter Forrest & Co Pty Ltd)Term: 1 Oct 1002 – 30 Sep 2002 |
| | | (Sub Lease) Australia Air Express Pty Ltd |
| | | (Sub Lease) Helijet Whitsunday Pty Ltd |

| Owner | Lot/ Plan | Lessee / Date |
|---|---|---|
| | | Term: 1 Mar 1993 – 30 Nov 2007 |
| | | (Sub Lease) Geoffrey Frank Hunt<br>Beris Agnes Hunt<br>Trustee for the Hunt Family Trust<br>Ronald Victor Hall<br>Beryl Mavis Hall (SE ¼)<br>Barry John Dean (SE ¼)<br>Lacaba Construction Pty Ltd<br>Term: 1 Apr 1993 – 30 Sep 2002 |
| | | (Sub Lease) Geoffrey Frank Hunt<br>Beris Agnes Hunt Trustee (1/4)<br>For the Hunt Family Trust<br>Barry John Dean<br>Helen Valmae Dean (SE ¼)<br>Ross Alexander Walz<br>Steven Michael Walz<br>Jason Charles Walz Joint Tenants inter SE ¼<br>Translift Australia Pty Ltd Tenant in common (1/4)<br>Change of name on 28 November 1995 |
| | | (Sub Lease) Geoffrey Frank Hunt Beris Agnes Hunt Trustee (3/8)<br>Barry John Dean<br>Delen Valmae Dean Joint Tenants Inter SE (3/8)<br>Translift Australia Pty Ltd Tenant in common (1/4)<br>Transferred on 08 February 1996 |
| | | (Transfer) (Sub Lease)<br>Geoffrey Frank Hunt<br>Beris Agnes Hunt Trustee (3/8)<br>Barry John Dean<br>Helen Valmae Dean Joint Tenants Inter SE 3/8<br>Transferred on 11 June 1999 |
| | | (Transfer) (Sub Lease) Geoffrey Frank Hunt<br>Beris Agnes Hunt Trustee (1/2)<br>Barry John Dean<br>Helen Valmae Dean Joint Tenants Inter SE ½<br>Transferred 27 September 2000 |
| | | (Transfer) (Sub Lease) Geoffrey Frank Hunt<br>Beris Agnes Hunt Trustee (1/2)<br>Roylen Holdings Pty Ltd Tenant in common ½<br>Transferred 27 September 2000 |
| | | (Sub Lease) Australia Airlines Limited. Term: 2 Oct 1992 – 29 Sep 2001 |
| | | (Sub Lease) Peter Forrest & Co Pty Ltd. Term: 1 Oct 1992 – 30 Sep 2002 |
| | | (Transfer) (Sub Lease) Honora Nominees Pty Ltd<br>Transferred 11 November 1997 |
| | | (Sub Lease) Hertz Australia Pty Limited |
| | | (Sub Lease) New Stat. Nominees Pty Ltd. Term: 1 July 1994 – 30 June 1999 |

| Owner | Lot/ Plan | Lessee / Date |
|---|---|---|
| | | (Sub Lease) Jes Morris Pty Ltd. Term: 1 June 1994 – 30 Sep 1999 |
| | | (Sub Lease) Fisher Catering Services Pty Ltd. Term: 1 Aug 1994 – 31 July 1999 |
| | | (Sub Lease) Bureau of Meteorology. Term: 1 Sep 1994 – 29 Sep 2041 |
| | | (Sub Lease) Whitsunday Helicopter Group Pty Ltd. Term: 1 June 1994 – 30 Sep 1999 |
| | | (Sub Lease)<br>Juris Gold Pty Ltd. Term: 1 Jan 1995 – 30 Sep 1999 |
| | | (Sub Lease) The Shell Company of Australia Ltd<br>Leased 14 August 1997 |
| | | (Sub Lease) Geogas Systems Pty Ltd<br>Leased 13 February 1998 |
| | | Peter Forrest & Co Pty Ltd<br>Leased 17 July 2000 |
| | | Hertz Australia Pty Ltd<br>Leased 7 July 2000 |
| | | Hydro Pilots Australia Pty Ltd<br>Leased 28 November 2000 |
| | | Beatrice Jessy Mahlberg<br>Leased 19 July 2000 |
| | | BP Australia Ltd<br>Leased 19 July 2000 |
| | | JF Garments (QLD) Pty Ltd<br>Leased 7 August 2002 |
| | | Telstra Corporation Limited<br>Leased 2 December 2002 |
| | | Hydro Pilots Australia Pty Ltd<br>Leased 2 January 2003 |
| | | Chrisair Maintenance Pty Ltd<br>Leased 13 October 2003 |
| | | Central Queensland Helicopter Rescue Service Limited<br>Leased 14 October 2003 |
| | | Airservices Australia<br>29 November 2004 |
| | | Hertz Australia Pty Ltd<br>9 March 2005 |
| | | Compass Group (Australia) Pty Ltd<br>18 March 2005 |
| | | WTH Pty Ltd<br>24 May 2005 |

| Owner | Lot/ Plan | Lessee / Date |
|---|---|---|
| | | The Shell Company of Australia. Term: 1 Oct 2005 – 30 Sep 2008 |
| | | Central Queensland Helicopter Rescue Service Limited. Term: 1 Oct 2007 – 30 Sep 2008 |
| | | North Queensland Airports No. 3 (Mackay) Pty Limited. Term: 10 Dec 2008 – 10 Jan 2107 |
| | | (Sub Lease) Mackay Airport Pty Ltd. Term: 10 Dec 2008 – 8 Dec 2107 |
| | | (Sub Lease) Newslink Pty Ltd. Term: 13 Dec 2010 – 12 Dec 2015 |
| John Douglas Manzelmann<br>Brian Henry Manzelmann | Lot 2 RP 733682 | Mogominster Pty Ltd<br>17 November 1997 |
| | | (Sub Lease) EDM Australia Pty Ltd. Term: 18 Jan 2006 – 11 Jan 2009 |

## 3.3 Site description

A site inspection was completed by GHD (accompanied by Airservices) on 18 July 2016. A summary of the findings are provided below and site photographs are included in Appendix C.

Key site features are outlined on Figure 2 in Appendix A and include:

- Runway
- Terminal building in the south western extent of the site
- ARFF fire station and training ground in the central western extent of the site, including fuel and foam storage area
- Air traffic control tower towards the centre of the western site boundary
- Open drainage channel around much of the perimeter of the site
- Mixed commercial units and hangars in the north eastern extent of the site, including the former ARFF fire station

The areas surrounding the major infrastructure on the site generally comprise soft landscaping with much of the site water logged and subject to flooding due to the shallow groundwater table. The drainage channels around much of the perimeter of the site often fill with water during heavy rainfall and are also subject to tidal influence. The drainage channels are shown on the Mackay Airport stormwater drainage plan[1] in Figure 3 in Appendix A.

### Runway

Mackay Airport's main runway runs in a north west – south east direction across the site and accommodates approximately 30 flights per day. A smaller runway runs in an approximate east – west orientation across the site.

[1] The stormwater drainage plan was supplied to GHD by North Queensland Airports (NQA)

### Terminal building

The airport terminal building is located in the south western extent of the site, at the location of the original (first) former ARFF fire training ground. There is no international terminal at Mackay Airport. Taxiways are located to the east, between the terminal building and the runway. Car hire services are provided at the airport and car parking areas are located to the west and south of the terminal.

### ARFF fire station and workshop

The current ARFF fire station is located in the western section of the site, to the north west of the terminal building and to the east of the control tower. The fire station comprises a single storey building with an office, fire truck area and mechanical workshop. Bunded storage units were located to the south of the fire station building in an area of concrete hard standing which contained fuel and foam containers.

Used storage containers were placed in an area between the fire station and the fire training ground. The area immediately surrounding the fire station comprised concrete or asphalt hard standing with a hose drying rack to the north of the fire station building. The wider surrounding area was predominantly open grassed soft landscaping which was water logged at the time of the inspection.

### Fire training ground (FTG)

The current FTG contains the following:

- A concrete training pad containing large mock up unit (LMU) – a replica aircraft (the training pad was filled with water at the time of inspection)
- A gravel covered area surrounded the FTG, part of which was occupied by an old aircraft and a number of burnt out cars
- A smoke hut (a two storey brick building located west of the FTG pad and south of the fire station building)

The training pad includes a waste water collection system (two tanks). Waste water from the pad is pumped to another tank close to the bunded storage units and is then collected for disposal (ultimate destination unknown). Run off from the pad enters the surrounding gravel covered area and then into the paddocks to the west.

## 3.4 Surrounding land uses

Land uses immediately surrounding the airport comprise:

- **North** – Mixed residential and sports grounds
- **East** – Mixed residential properties to the east/north east and undeveloped land to the east/south east that includes a small landfill, beyond which is the Coral Sea
- **South** – Predominantly undeveloped land and some agricultural use (sugar cane and cattle)
- **West** – Mixed residential properties are located to the west/north west, mixed commercial properties to the west/south west, and agricultural use (sugar cane) on the south west boundary

## 3.5 Key stakeholders

The following key stakeholders have been identified at the site:

- Site lessees
- Nearby residents to the north and west
- Owners and occupiers of commercial units to the west
- Farmers in the south and west

# 4. Site conditions

## 4.1 Topography

The Mackay Airport is located on a coastal plain with generally flat topography gently sloping towards the east in the direction of the ocean. The low elevation ranged between 3.5 to 5.2 m Australian Height Datum (mAHD)[2]. The majority of the site has been built up compared to the natural ground level to establish a relatively consistent, flat site.

## 4.2 Geology

### 4.2.1 Regional geology

The Queensland Government Minesonlinemap (https://minesonlinemaps.business.qld.gov.au/) Map Sheet 11388, Mackay) indicates that the site is underlain by two geological units. The western portion of the site is classified as late tertiary to quaternary aged colluvium while the eastern portion of the site is quaternary aged unconsolidated sediments. The surface soil is characterised as colluvial and residual/estuarine deposit material including clay, silt, sand and gravel.

The geology and hydrogeology details are displayed on Figure 4.

### 4.2.2 Soil profile

Bore logs from previous reports indicated surface soils at the site are characterised as sandy silt, sandy clay and clayey material (GHD, 2008). These observations are consistent with the published geological maps.

## 4.3 Hydrology

The nearest surface water bodies adjacent to the site include the following (refer to Figure 2):

- Tidally influenced drain/creek (Shell Grit Creek) to the immediate north east and east of the site
- Wetlands (located approximately 0.3 km east from the site)
- Bakers Creek (located approximately 2.2 km south from the site)
- Pioneer River (located approximately 2.9 km north from the site)
- Coral Sea (located approximately 1 km east from the site)

There are several surface drains on site, surrounding the north, north-west and south boundaries of the airport, and running between the apron and runway. Based on the site topography, all captured stormwater in the surface drains discharges into the adjacent wetlands and eventually into Coral Sea.

[2] Elevation details were obtained from QLD Globe – Location (assessed on 12 July 2016)

## 4.4 Hydrogeology

A search of the Department of Natural Resources and Mines 2016, *Groundwater Database – Bore Reports*, Queensland State Government, identified 140 registered bores within 2 km of the site. The groundwater bore data and search results are provided in Appendix D (and the bore locations and numbers are shown on Figure 4 in Appendix A). The search results are summarised below:

- Of the 140 registered bores, 80 were listed with facility roles information, this includes water resources investigation (7), metered bores (4), exploration (3), stratigraphic investigation (26), sub-artesian monitoring (12) and water supply (28).
- Based on the available casing structure information, most registered bores were screened through the shallow unconfined aquifer less than 20 m below ground level (mbgl).
- Standing water levels (SWLs) of the registered bores ranged from 1.5 to 8 mbgl.
- Water analysis information indicated a mixture of slight acidic to alkaline and fresh to saline groundwater environment.
- Five of the 140 registered bores were located on the Mackay Airport site (20401, 20595, 46805, 46807 and 46809). The available information suggested SWLs on the site range from 2.1 mbgl to 2.7 mbgl and sit within a sandy aquifer.

It is important to note that unregistered and private bores may also exist, particularly as signage is not required for wells installed to depths less than 5 m in the Mackay area. Previous groundwater investigations undertaken at the Mackay Airport have identified groundwater at around 2.16 mbgl. The extent of saltwater intrusion and tidal influence is largely not understood.

# 5. Site history

## 5.1 Aerial photographs

A review of historical aerial photographs between 1953 and 2016 was completed. A summary of the key findings is outlined in Table 4 and a copy of the photographs is provided in Appendix E.

Table 4 Historical aerial photograph summary

| Date | Description |
|---|---|
| 1953 | There is visual evidence of two runways, both of which are consistent with the current runway locations. Both appear to be unpaved. Five small buildings were observed at the centre of the site (where current hangars and the Horizon Airways flight school are located) and appear to be in a terminal and apron area. It is known that the original fire station was adjacent to this terminal. The remainder of the site was characterised by cleared bushland, with the northeast corner uncleared. Several access tracks are located throughout the site. Two circular features, which appear to be roads, are located at the northern and southern end of the site. The northern circle appears to be a road (reason unknown, but possibly a navigational aide), while the southern feature appears to be a cleared area around a possible mast. The southern feature is in the location of the current terminal.<br><br>Uncleared wetland areas were visible to the east along the coast line.<br><br>Farmland is located to the north, west and south with small houses.<br><br>The western quadrant between the runways appears to be farmland. A small landfill operation appears to be present to the east of the site.<br><br>The fire training grounds identified to the south of the site appeared undeveloped. |
| 1962 | Additional buildings were visible in the centre of the site. The north west to south east runway is now paved, and an increase in the number of access tracks across the site was observed. A number of drainage canals appeared on the site, directing water in an easterly direction. Additional houses appeared to the north, west and south of the site. A fire training ground is now apparent in the south(west) of the site, adjacent to the southern circular feature, otherwise, the site appeared similar to photo from 1953. |
| 1972 | The north west to south east runway was extended in the south east direction into previously unoccupied wetlands towards the coast. The runway in a south west to north east direction was paved and the runways are consistent with the current configuration. Additional buildings and paving were observed in the centre of the site. Significant clearing appeared where the current terminal is located, adjacent to the fire training ground, and in the areas surrounding the runways. An increase in access tracks was observed throughout the site. The air traffic control tower has been built in the west of the site.<br><br>More formalised open surface water drainage channels were constructed where former drainage channels had been. These are consistent with a number of current drainage channels.<br><br>Increased housing to the north east, north and west of the site was observed.<br><br>The municipal landfill operating to the east of the site has shifted further south of the location in the 1962 photo.<br><br>An access road to the fire training ground was apparent to the south of the site. |

| Date | Description |
|---|---|
| 1991 | A large amount of development had occurred in the area of the current terminal since the 1972 aerial photograph. The main terminal building was visible along with paved access roads and a parking lot. Numerous paved taxi ways around the site were visible. Additional structures were observed in the centre and in the north of the site, and appear consistent with current infrastructure at the site. The farms in the western quadrant between the runways have gone, and the current fire station building is visible.<br><br>A tidal lagoon was created to the east of the site into which several of the surface water drainage channels eventually feed by way of wetlands.<br><br>A large portion of the land to the north east, and north west had been developed and are suburbs. Recreational area appeared in the north east corner of the site, and is consistent with the sports fields currently located there.<br><br>The landfill to the east has increased in area. There are no visible fire training areas although land known to have been used along the southern boundary appears to be cleared of vegetation.<br><br>Buildings were observed in the location of the current fire training facility, although surrounding land appeared uncleared. |
| 2004 | Additional structures appeared in the north of the site which is consistent with current buildings. Similarly, additional buildings appeared in the current terminal location, along with some added clearing and paving in the area of current parking lots.<br><br>Former fire training ground to the south of the site appeared overgrown and unused.<br><br>Fire training aides are visible around the fire station, but no formal training area is apparent. The landfill appears to have ceased operator and is becoming overgrown.<br><br>The current fire training facility was visible. |
| 2009 | The site in 2009 appeared similar to that in 2004, except at the current fire training ground, the ground appeared to been cleared and paved or covered with gravel/bitumen, and the LMU can be seen placed within a bunded area in the centre of the training ground. |
| 2015 | Google Earth was used to assess the current layout of the site. The site appears similar to the 2004 aerial photograph with slightly more clearing and development in the north section of the site. Similarly, the current terminal area in the south of the site appeared more developed, with land clearing and paving taking place. |

## 5.2 Previous reports

The following reports were provided by Airservices for review. These are outlined below with a summary of the key points.

### 5.2.1 GHD, 2008

***Preliminary Site Contamination Assessment, Mackay Former ARFF Drill Ground, Mackay Airport, Mackay, Qld, GHD Pty Ltd, November 2008***

- Discussions with ARFF staff indicated that a Drill Ground database does not exist for the site.
- Former ARFF drill ground site was used between early 1960s to around 1996 for fire training exercises. Exercises included the use of kerosene, petrol, AFFF (3M light Water™), and minor use of fluoro protein foam and dry chemical (K-potassium bicarbonate).

- No environmental control measures (including waste water holding tanks, concrete bunding or separator systems) or environmental procedures were adopted at the former drill ground. Kerosene, petrol and AFFF were understood to have been applied directly to ground surface. At the time of the inspection, the former drill ground site was vacant with no distressed vegetation observed.
- Three boreholes were installed to a maximum of 2 mbgl. One of the boreholes was converted to a groundwater well.
- PFOS concentration in groundwater sample from M-MW1, located within the Former ARFF Drill Ground, was above adopted screening levels. All other samples were below adopted standards for contaminants of concern.
- Two sediment samples were collected from the open drain located to the north of the Former ARFF Drill Ground. PFOS was detected in both samples, at concentrations below the adopted guidelines.

### 5.2.2 SLR, 2012

***Mackay Drill Ground Water and Soil Sampling, Mackay Airport, Mackay, SLR Global Environmental Consulting, 19 June 2012***

- Included surface water and soil investigation conducted in 2012 in the Current Drill Ground area.
- Three water samples were collected (including one duplicate) from runoff water from the training pad (RO) and underground storage tank (SW) used to collect runoff water.
- Two soil samples were collected from around the training pad.
- Samples were analysed for PFOS, PFOA, 6:2FtS, total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, xylene (BTEX) and polycyclic aromatic hydrocarbons (PAH).
- Soil samples had detectable concentrations of PFOS and PFOA, yet were below adopted assessment criteria.
- Water sample RO had concentrations of PFOA greater than the adopted assessment criteria while sample SW has concentrations of PFOS, PFOA, TPH and PAH (phenanthrene and fluoranthene) exceeding adopted assessment criteria.

### 5.2.3 Cardno, 2012

***Environmental Contamination Assessment, Mackay ARFF Station, Mackay Airport, Airservices Australia, Cardno, August 2012***

- Cardno conducted an environmental contamination assessment which included a site history assessment and intrusive site investigation at the ARFF fire station.
- The site history review indicated that the ARFF site has been managed by Airservices since 1974[3].
- There is a sump that collects runoff from the training pad.
- Five soil bores to a maximum of 1 m below ground level (bgl) were drilled around the ARFF fire station area at Mackay airport.

[3] GHD understand that Airservices Australia was formed in 1995. Therefore, it is the Aviation Rescue and Fire Fighting (ARFF) Service that has managed the fire station site since 1974.

- The soil encountered at the borehole locations was typically clay, sandy clay or sandy material.
- All soil samples analysed were reported with PFOS concentrations ranging between 0.01 and 4.3 mg/kg.
- PFOA was not detected in any of the soil samples tested for this parameter.
- Groundwater was not tested.

## 5.3 Operational response system outputs

GHD was provided with one ARFF operational response system (ORS) incident detail report (Incident No. 146) at Mackay Airport which is summarised in Table 5:

Table 5 ORS output summary

| Incident date | Incident location and description | Materials used | Actions taken |
|---|---|---|---|
| 8 October 2005 | To control a hayshed on fire, located adjacent to the airport | 9000 L water<br>120 L foam* | Assisted Mackay Fire and Rescue Service to contain the fire. After service cease, equipment was cleaned and restored back in the ARFF station. |

Note:

* Based on Airservices foam use dates, the foam used is likely to be Ansulite.

## 5.4 Interviews

Site interviews were conducted on 18 July with the following personnel:

- [redacted], General manager – People, Communications and Compliance – North Queensland Airports (NQA)
- [redacted], General Manager – Mackay Airport
- [redacted], General Manager - Property Development – NQA
- [redacted], Fire Commander – Mackay ARFF, Airservices

Key findings from the interviews are documented in Sections 5.4.1 and 5.4.2. Transcripts of the interviews are provided in Appendix F.

### 5.4.1 Mackay Airport Interview

NQA has operated Mackay and Cairns Airports since 2008. At the time of the interview, [redacted] had held the role of General Manager at Mackay Airport for over four years. [redacted] and [redacted] held regional roles responsible for operations at Mackay and Cairns Airports (based at Cairns Airport).

The interviewees were not aware of any investigations into the use of AFFF having been undertaken at Mackay Airport and [redacted] stated that no foam was stored or used at the site other than by ARFF and understood that this has always been the case.

In terms of potential incidents that may have required the use of fire fighting foams at the airport, [redacted] did not recall any fires or major crashes. There was a plane landing ‘wheels up’ at the runway intersection in 2015 but [redacted] did not recall foam being used at this incident.

Other relevant information provided by the interviewees included:

- There has never been AFFF storage or use on site (by the Airport)
- Airport Emergency Planning (AEP) training is organised and run by ARFF every two years[4]
- Historically, the fire station was located in the north western section of the site (in the vicinity of the former terminal)
- Prior to construction of the current concrete fire training pad, training was undertaken on open ground
- Stormwater is not harvested for any purposes from the site and groundwater is not abstracted other than for monitoring purposes

### 5.4.2 ARFF Fire Commander Interview

[redacted] has worked at Mackay ARFF facilities since 1989 (and has worked as an aviation fire fighter since 1987).

The main investigation undertaken at the site that [redacted] was aware of was in 2008 where an investigation was undertaken at the former fire training ground (GHD, 2008). This area is located just outside of the main Airport area – in a triangular shaped clearing to the immediate south of the security fence, but remains within the Airport boundary, to the south west of the runway.

A summary of key responses to interview questions is provided below:

- There have not been any crashes or major incidents at the site that have required the use of AFFF.
- All AEP training has been conducted using water, excluding one historical event where AFFF (circa early 1990s) was used at an off site location to the east.
- Up until 1994, AFFF was stored in 200 L drums close to the current fire station. Following construction of the storage facility foam was stored in 1,000 L totes and when the current FTG was constructed (circa 2004) all foam has been stored in a 7,000 L bulk storage tank.
- The new airport terminal building was constructed over a former ARFF FTG (the original FTG). Soil generated during the construction was likely disposed of off site (location not known).
- The current fire station was constructed in approximately 1972/1974.
- Wash down of fire fighting equipment is undertaken out the front of the fire station, close to the entrance. Historically, this area drained directly to the paddocks and into the drainage channels surrounding the site. The waste water now drains into the waste water collection system.
- Historically, excess product from the trucks and extinguishers would be sprayed out directly onto the ground and empty foam drums were taken to landfill. It was considered likely that the empty drums would have been disposed of at local landfill. From circa 2008 (after the introduction of Ansulite AFFF) empty drums and unused supplies were collected from site by Airservices.

[4] Craig Barnes of Airservices informed GHD that the AEPs are actually run by the Airport (though ARFF do participate in the AEPs)

- Fire extinguishers are present in a number of the hangars on site – training for use of these extinguishers was historically conducted at the FTG. [redacted] estimated there would be approximately six left on the airport, though ARFF no longer provide training to use these.
- Historical ARFF training using foams was conducted at a number of areas across the site and in the vicinity. These locations are shown on Figure 5 in Appendix A.
- There was a large kerosene spill at the site circa 2000 - 2002, from underground pipes in the vicinity of the fire station. A large volume of impacted soils was removed from the site following the spill[5].
- Groundwater is not abstracted at the site.
- During the interview, it was noted that groundwater wells are present at residential properties to the north west.
- Fire Systems Queensland have a base located to the west of the site, opposite the control tower. It was considered possible that AFFF are still used and stored at this location.

## 5.5 Summary of site history

The site historical review indicates that the airport has been operational since prior to 1953. The current fire station was built in the early 1970s and the former fire station was situated at the location of the former terminal. The current terminal is located at the site of the original fire training ground.

Fire training was historically conducted at a number of different locations on the Mackay Airport and in the immediate surrounding locality. On airport, there have been three formal FTGs (though it is acknowledged that [redacted] indicated additional areas had been used for training as shown in Figure 5):

- The original FTG (now the site of the current terminal) used until circa 1990
- An interim (now former) FTG located in the south east of the airport which was used between circa 1990 and 2004
- The current FTG which has been in use since 2004

AFFF has always been stored in the vicinity of the current fire station, near the FTG and within a bunded area since 2002.

Reportable concentrations of PFAS have been detected in previous investigations, in locations of known fire training (at the current and interim FTGs where investigations have been undertaken).

[5] The information regarding the spill was provided during a walkover of the site and not during the actual interview.

# 6. Preliminary and targeted sampling

## 6.1 Scope of work

Based on the outcomes of the PSI, a Sample Analysis and Quality Plan (SAQP) was developed for the investigation (GHD, 2016).

The SAQP was prepared so that the field investigations and analyses were undertaken in a way that enabled the collection and reporting of reliable data on which to base any further soil, groundwater and surface water monitoring programs for specific areas of the site.

The GHD SAQP described drilling methods, sampling equipment, well development strategy, sample collection protocols, sample processing, field and laboratory sample analysis, equipment decontamination and quality-assurance and quality-control (QA / QC) procedures.

The scope of work undertaken, methodology adopted and results of the sampling program are provided in a Preliminary Sampling report (GHD, 2017).

## 6.2 Results summary

The PFAS results reported in soils and sediments were either less than laboratory LOR or at low detectable levels. All groundwater samples reported PFHxS+PFOS concentrations exceeding the adopted drinking water criteria with the exception of the groundwater sample MW04 in the north-western section of the site. The three surface water samples analysed reported concentrations of PFHxS+PFOS concentrations in excess of the fresh and marine fish consumption HSLs (or the criteria was below the laboratory limits of reporting) but the concentrations were below the adopted recreations guideline values.

# 7. Conceptual site model

Based on our understanding of the contamination issues and site setting a conceptual site model (CSM) has been generated to identify the potential contamination *sources, pathways and receptor*s, and the potential linkages (or pollutant linkages) between these.

A CSM is a critical element of any PSI and forms the basis for the assessment of contamination risk and prioritisation of any further investigations. As it is based only on limited information at the PSI stage, it is regarded as being preliminary only at this point and as the foundation for the development of a more detailed CSM as site investigations progress. A cross sectional CSM is included as Figure 6 and CSM Pathways are shown in Figure 7 in Appendix A. A representation is also included in Chart 1.

Different land use scenarios have different contamination risk profiles depending on the sensitivity of receptors and the nature and likelihood of potential exposure mechanisms. This CSM assumes a commercial/industrial land use scenario consistent with the site's current and anticipated future use as an airport.

## 7.1 Sources

As the key contaminant of concern, the focus of the PSI is on the potential sources of PFAS on the Mackay Airport which have been identified as the following:

- Areas in which fire fighting services operate or have historically operated including:
  - The ARFF fire training ground
  - The ARFF fire station and workshop
  - Historical fire training areas (see Figure 5)
- Other potential sources were:
  - Surface water drainage channels
  - Fire extinguishers within hangars
  - Fire Systems Queensland commercial outlet/depot (fire safety equipment suppliers)

## 7.2 Pathways

### 7.2.1 Contaminant transport mechanisms

The key mechanisms for contaminant transport at the site have been identified as:

- *Surface water overland flow* – lateral overland flow and migration of contaminants via stormwater during rain events, causing re-deposition of contaminants on other areas of Mackay Airport or off-site. There is the potential for migration of contaminated surface water/storm water from the source in open drainage channels.
- *Groundwater advection/dispersion* - horizontal and vertical migration of contaminants from the Mackay Airport soils into the underlying aquifer and through groundwater to the point of surface water discharge or via uptake in groundwater wells at nearby residential properties.

The sandy geology and shallow water table are conducive of conditions that would be expected to promote surface water and groundwater interactions. This has the potential to increase the contaminant flux both within and off the site. In addition, having generally less clay and organic matter, unconsolidated sandy environments (aquifer materials) are less conducive of

attenuation of PFAS. These factors place the Mackay Airport within a higher risk category in terms of the potential for contaminant migration via surface water and groundwater flow.

### 7.2.2 Potential exposure mechanisms

Based on the identified receptors and the release and fate and transport characteristics of the contaminants of potential concern, contaminant uptake pathways through which receptors may become exposed to contamination include ingestion and dermal absorption.

- *Ingestion exposure pathway* - Ingestion of contaminants by site workers could occur during site works involving excavation and handling of site soils, stormwater, or groundwater. This is not considered to be of a concern for indoor site workers. Ingestion could also occur for nearby residents via direct contact or use of water for food production (e.g. home grown produce or poultry) in the event that groundwater is being abstracted for these purposes.

  Terrestrial and aquatic fauna may ingest contaminants potentially migrating off-site and discharging to the down gradient surface water including the drains/creek and marine receiving environment.

- *Dermal exposure pathway* - Exposure of PFAS may occur via sorption through biological membranes such as skin, based on animal studies. While this has not been confirmed for humans and despite PFOS having a low skin permeability constant, the exposure pathway may be complete as illustrated on the CSM.

- *Inhalation exposure pathway* – PFAS are not considered to be volatile so inhalation is not considered to be a relevant exposure mechanism.

## 7.3 Receptors

The site is located in a commercial/industrial site setting. The following are the key potential human health and ecological contamination receptors considered to be relevant in the context of the site setting:

- Site workers whose activities may result in exposure to impacted site soils, surface water and groundwater
- Nearby landowners abstracting potentially impacted groundwater from wells for irrigation or other uses
- Consumers of potentially impacted seafood from the down gradient drains/creeks and marine receiving environment who may ingest contaminants
- Recreational users of the potentially impacted down gradient drains/creeks and marine environment that may ingest contaminants or have dermal exposure to contaminants
- Flora and fauna in the potentially impacted hydraulically down-gradient marine surface water receiving environment
- Terrestrial flora and fauna consuming potentially impacted plant material e.g. grasses. This in turn may impact their predators.

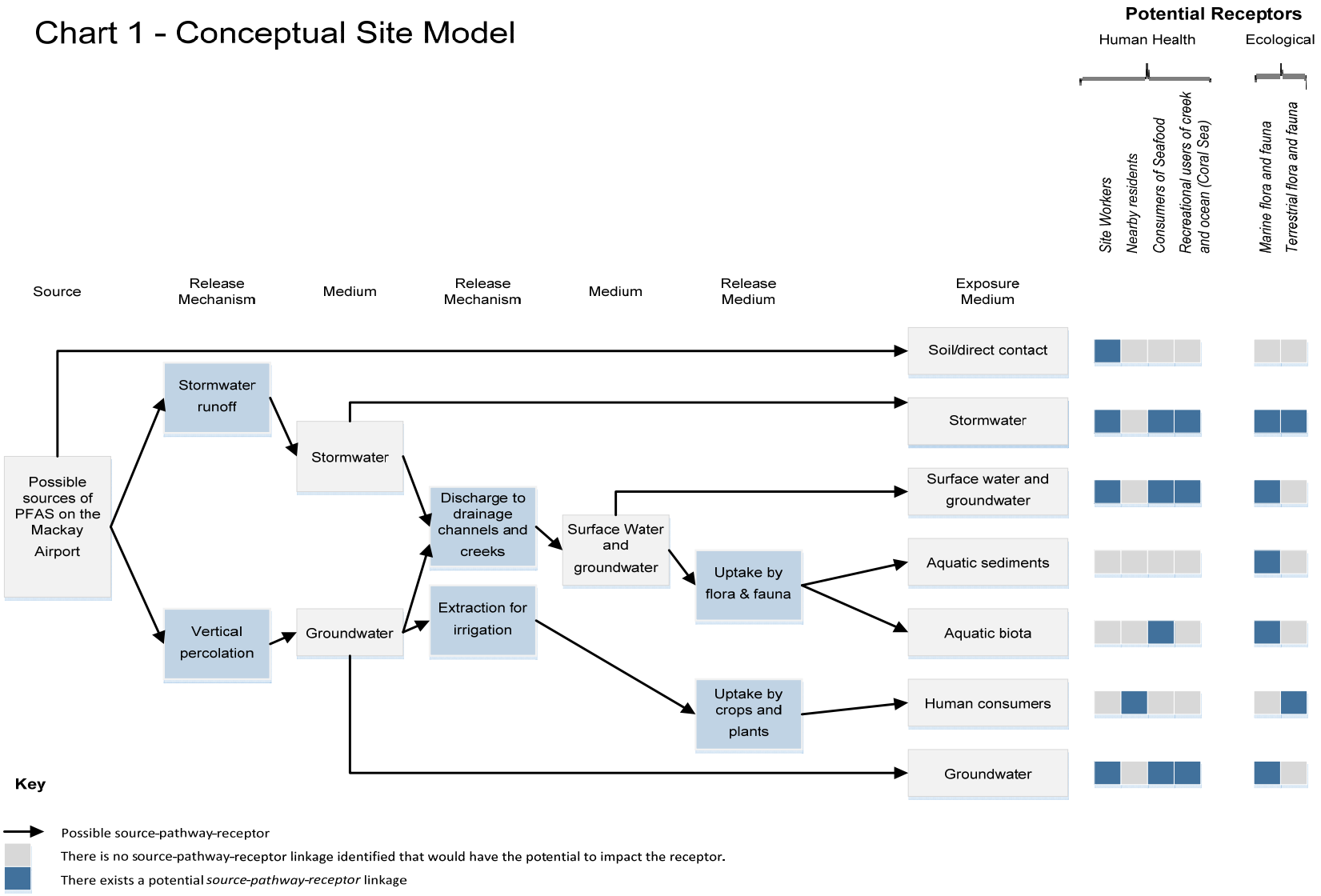
## 7.4 Potential source-pathway receptor linkages

The CSM has identified a number of potential source-pathway-receptor pollutant linkages which are highlighted in Table 6. These are discussed below in the context of the site setting.

Table 6 PFAS contamination – potential pollutant linkages

| Potential pollutant linkages | Key exposure routes and risks |
|---|---|
| ***Potential human health risks*** | |
| *Health risks to site workers who may come into contact with contaminated site media* | Day to day activities are not likely to expose site personnel to these media. However, it remains a possibility where workers are involved with excavation and handling of contaminated soil, surface water or groundwater. It is expected that this can be managed through good hygiene practices and task-specific management plans. |
| *Health risks to nearby residents who are exposed to potentially contaminated groundwater through bores at their properties.* | The main risk to human health is considered to be through consumption of extracted water and consumption of food produce irrigated by the extracted water. Consumption of impacted drinking water as well as vegetables, fruit or poultry irrigated with water contaminated by PFAS from a groundwater well may lead to bioaccumulation of PFAS in humans. Dermal exposure has not been identified as a dominant exposure pathway for PFAS. |
| *Health risks to consumers of contaminated seafood arising from migration of contaminants through surface water and groundwater to the Coral Sea and bioaccumulation of contaminants in biota.* | As PFAS are highly persistent and have a high propensity to bio-accumulate through the food-chain, there is a risk of human exposure to PFAS from consumption of contaminated seafood. |
| *Migration of contaminants through surface water and groundwater to the drains/creeks and marine environment resulting in human health impacts to recreational users of the these surface waters* | The main risk is through incidental ingestion of water. Dermal exposure has not been identified as a dominant exposure pathway for PFAS. |
| **Potential ecological risks** | |
| *Impacts to the off-site marine ecosystem (flora and fauna) of the Coral Sea from migration of contaminants through surface water and groundwater* | There is the potential for PFAS contaminated surface water and groundwater to discharge to the adjacent marine ecosystem where marine biota (invertebrates and macrofauna) may be exposed. Predation of species can lead to a wider distribution of PFAS in the marine environment due to bioaccumulation. |
| *Terrestrial ecology – take up of PFAS in plants and subsequent consumption by fauna plus impact to invertebrates via impacted soil* | There is potential for prey species to ingest impacted flora or soil and then be predated by larger animals e.g. eagles, snakes, foxes. |

# Chart 1 - Conceptual Site Model



# 8. Conclusions

## 8.1 Conclusions

Based on the review of available site history information, site inspection and site interviews, the following potential sources of PFAS have been identified:

- Areas in which fire fighting services operate or have historically operated including:
  - The ARFF fire training ground
  - The ARFF fire station and workshop
  - Historical fire training areas (see Figure 5)
- Other potential sources were:
  - Surface water drainage channels
  - Fire extinguishers within hangars
  - Fire Systems Queensland commercial outlet/depot (fire safety equipment suppliers)

The sandy geology and shallow water table are conducive of conditions that would be expected to promote surface water and groundwater interactions, and the unconsolidated sandy environment is expected to be less conducive of attenuation of PFAS. These factors mean that Mackay Airport is sensitively located with respect to the potential for contaminant migration via surface water and groundwater flow.

The following potential sensitive receptors have been identified:

- Site workers whose activities may result in exposure to impacted site soils, surface water and groundwater
- Nearby landowners abstracting potentially impacted groundwater from wells for irrigation or other uses
- Consumers of potentially impacted seafood from the down gradient drains/creeks and marine receiving environment who may ingest contaminants
- Recreational users of the potentially impacted down gradient drains/creeks and marine environment that may ingest contaminants or have dermal exposure to contaminants
- Flora and fauna in the potentially impacted hydraulically down-gradient marine surface water receiving environment
- Terrestrial flora and fauna consuming potentially impacted plant material e.g. grasses. This in turn may impact their predators

## 8.2 Summary of preliminary sampling program

Based on the data reviewed in this study, the following summary is made:

- The primary source (use of AFFF containing PFAS) no longer exists. Secondary sources include residual soil and groundwater contamination.
- Soil and sediment results reported PFAS concentrations were either below the laboratory LOR or adopted human health and ecological guidelines, indicating that in the areas sampled, soils and sediments do not present an unacceptable risk to human health and ecological receptors.
- PFHxS+PFOS (sum) concentrations in eight of the nine samples analysed exceeded the drinking water guidelines and the PFOA concentrations in two groundwater samples

(GMW6 and MW03) also exceeded the drinking water guidelines. PFOS concentrations in two samples analysed (GMW3 and GMW6) exceeded the adopted ecological screening criteria. These results indicate that groundwater may pose a potential risk to human health and ecological receptors.

- PFHxS+PFOS (sum) concentrations in two of the three surface water samples analysed for the Preliminary Sampling program reported concentrations exceeding the adopted criterial for consumption of fish from fresh and marine water. It should be noted that the PFOA criteria for the consumption of fish from fresh and marine waters were lower than the laboratory limit of reporting.

# 9. References


Airports Act 1996

Airports (Environment Protection) Regulations 1997

Australian Standard AS 4482.1:2005: Guide to the Investigation and Sampling of Sites with Potentially Contaminated Soil

AS/NZS ISO 31000:2009: Risk management - Principles and guidelines

Australian Commonwealth Work Health and Safety Act 2011

Cardno, 2012: Environmental Contamination Assessment, Mackay ARFF Station, Mackay Airport, Airservices Australia, Cardno, August 2012

Commonwealth Work Health and Safety Regulations 2011

Department of Infrastructure and Regional Development (DoIRD, 2015): GEM 002 - PFC Management Actions Advice

GHD, 2008: Airservices Australia – Report for ARFF National Testing Program Preliminary Site Contamination Assessment – Mackay Former ARFF Drill Ground, Mackay Airport

GHD, 2015: Airservices Interim Contamination Management Strategy and Decision Framework for PFC contamination, June 2015 (the 'Interim Framework')

GHD, 2016: Airservices Australia – Mackay Airport Sampling and Analysis Quality Plan

GHD, 2017: Airservices Australia – Mackay Airport Preliminary Sampling

NEPC, 2013: National Environment Protection (Assessment of Site Contamination) Measure 1999 as amended 2013 (the ASC NEPM)

SLR, 2012: Mackay Drill Ground Water and Soil Sampling, Mackay Airport, Mackay, 19 June 2012

# 10. Limitations

This report has been prepared by GHD for Airservices Australia (Airservices) and may only be used and relied on by Airservices for the purpose agreed between GHD and Airservices.

GHD otherwise disclaims responsibility to any person other than Airservices arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

GHD has prepared this report on the basis of information provided by Airservices and others who provided information to GHD which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

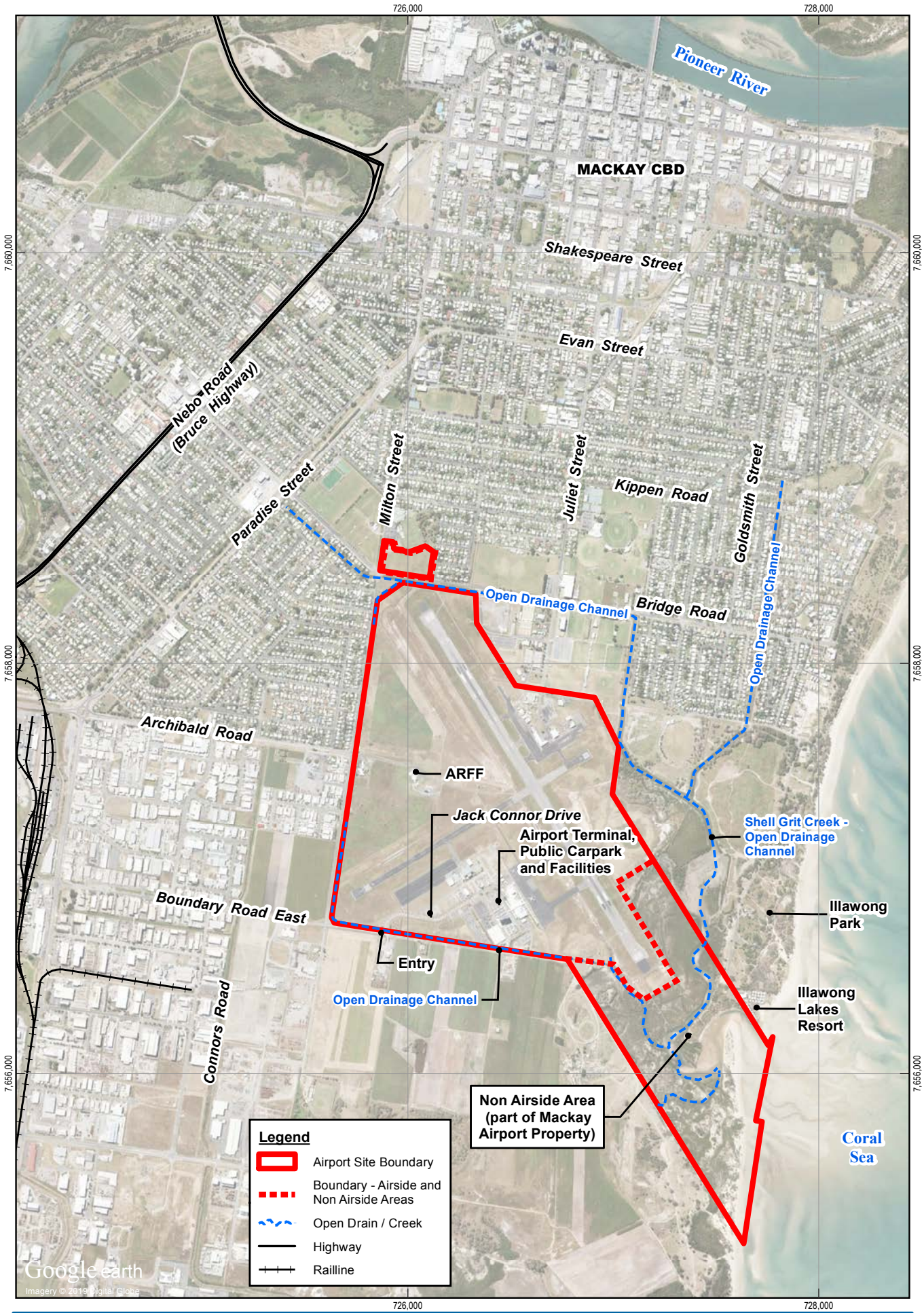
The opinions, conclusions and any recommendations in this report are based on information obtained from, and testing undertaken at or in connection with, specific sample points. Site conditions at other parts of the site may be different from the site conditions found at the specific sample points.

Investigations undertaken in respect of this report are constrained by the particular site conditions, such as the location of buildings, services and vegetation. As a result, not all relevant site features and conditions may have been identified in this report.

Site conditions (including the presence of hazardous substances and/or site contamination) may change after the date of this Report. GHD does not accept responsibility arising from, or in connection with, any change to the site conditions. GHD is also not responsible for updating this report if the site conditions change.

# Appendices

# Appendix A – Figures

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Metres

Map Projection: Universal Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

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GHD airservices

Airservices Australia Pty Ltd
Mackay Airport
Preliminary Site Investigation

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|---|---|
| Job Number | 31-34249 |
| Revision | A |
| Date | 19 Feb 2019 |

Locality Map

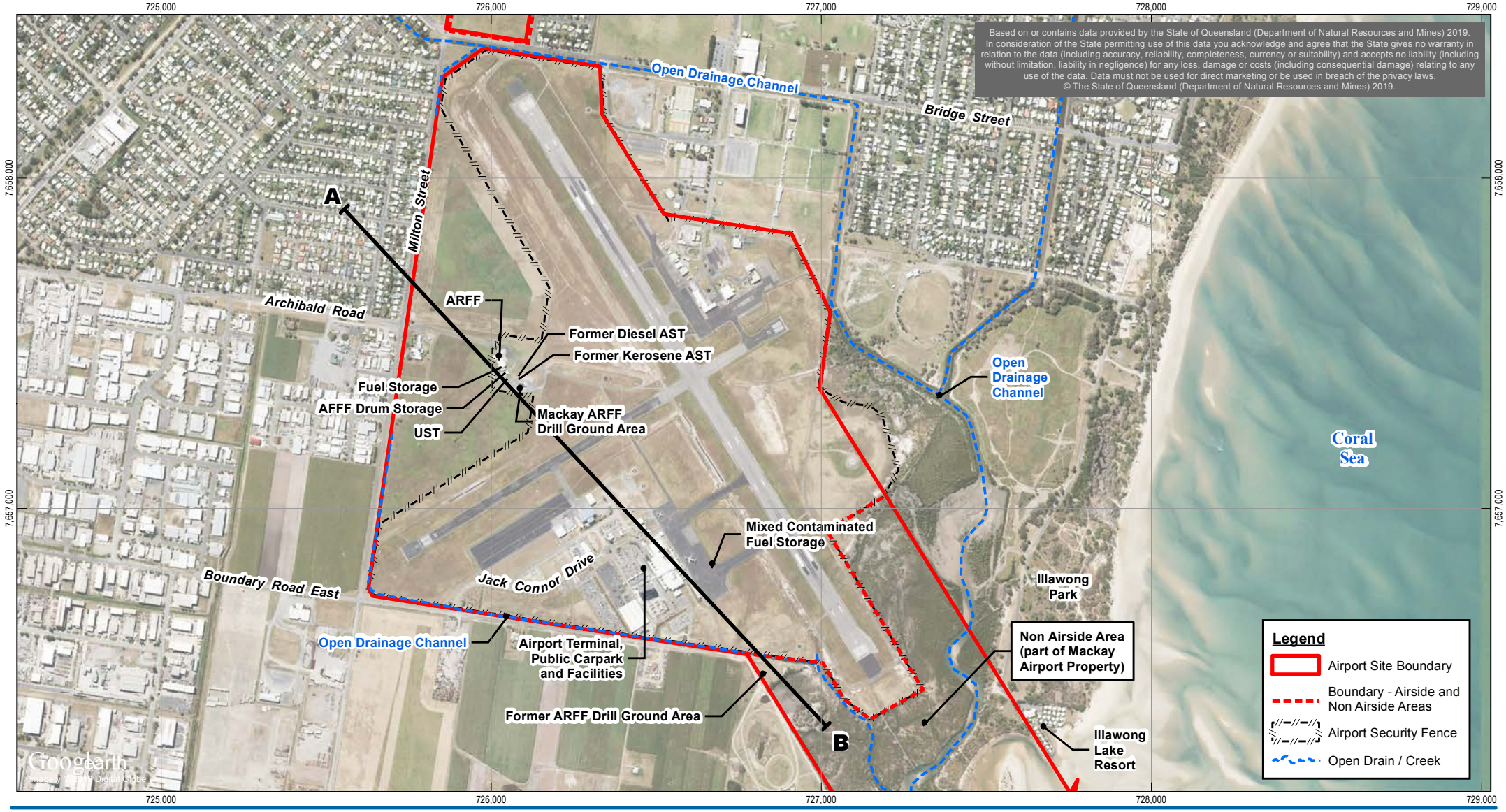
Figure 1

G:\31\34249\GIS\Maps\Working\Mackay\2019 Airport Boundary Revision\MackayFigures\31-34249-311_MackayLocality_rev1.mxd

180 Lonsdale Street Melbourne VIC 3000 T 61 3 8687 8000 F 61 3 8687 8111 E melmail@ghd.com.au W www.ghd.com



Data Source: Airserviecs, Site Boundary, 2019; DMRM: cadastre (2016); Google Earth: imagery (May 2015, extracted Jul 2016). Created : jvc

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metres

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Map Projection: Universal Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

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Preliminary Site Investigation

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|---|---|
| Job Number | 31-34249 |
| Revision | B |
| Date | 19 Feb 2019 |

# Site Detail

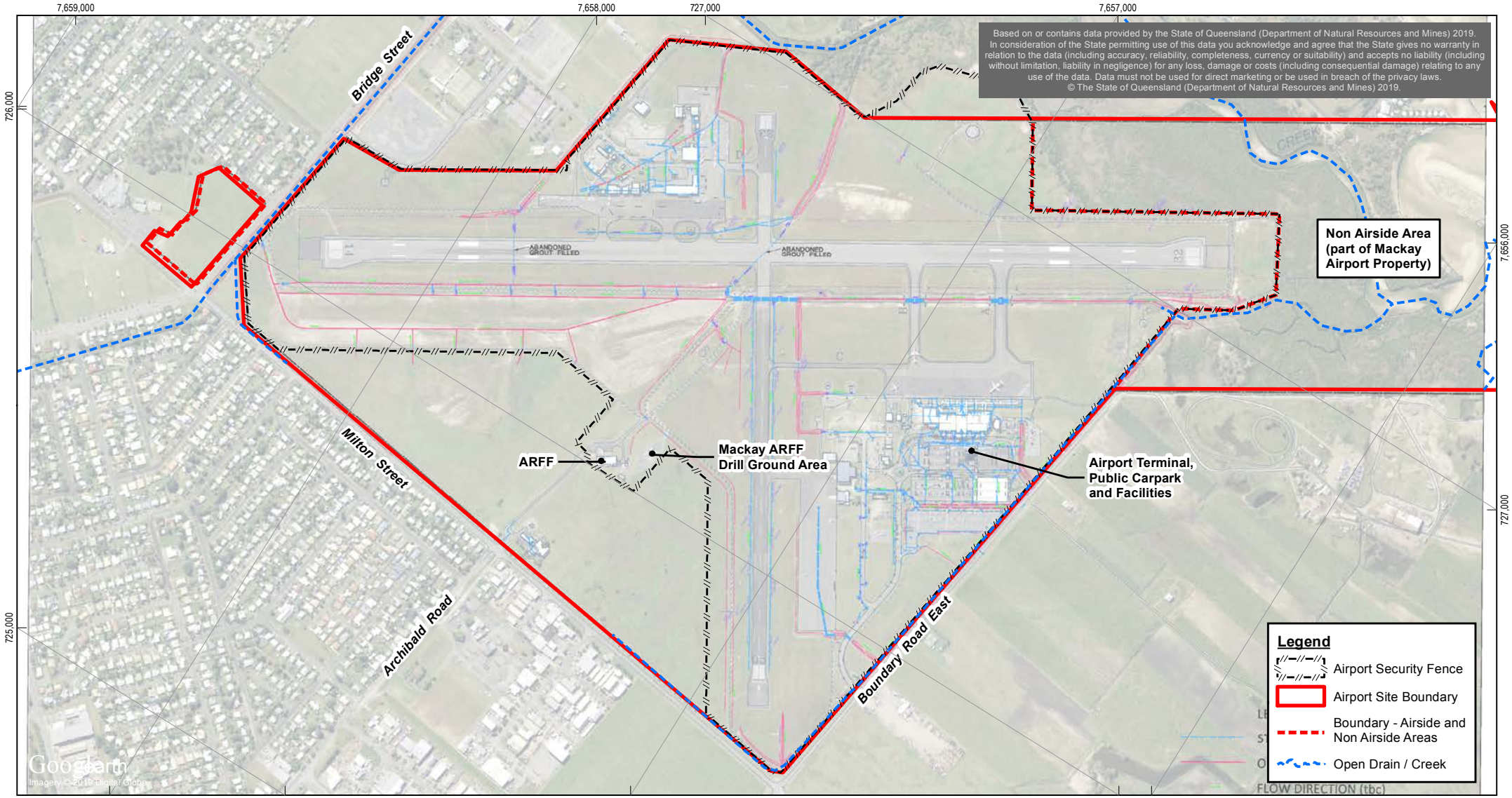
Figure 2

G:\31\34249\GIS\Maps\Working\Mackay\2019 Airport Boundary Revision\MackayFigures\31-34249-313_MackayDetail_revB.mxd

180 Lonsdale Street Melbourne VIC 3000 T 61 3 8687 8000 F 61 3 8687 8111 E melmail@ghd.com.au W www.ghd.com



Data Source: Site Boundary,Airservices, 2019; DMRM: cadastre (2016); Google Earth: imagery (May 2015, extracted Jul 2016). Created : jvc



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metres

Map Projection: Universal Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

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|---|---|
| Job Number | 31-34249 |
| Revision | B |
| Date | 19 Feb 2019 |

# Stormwater Drainage

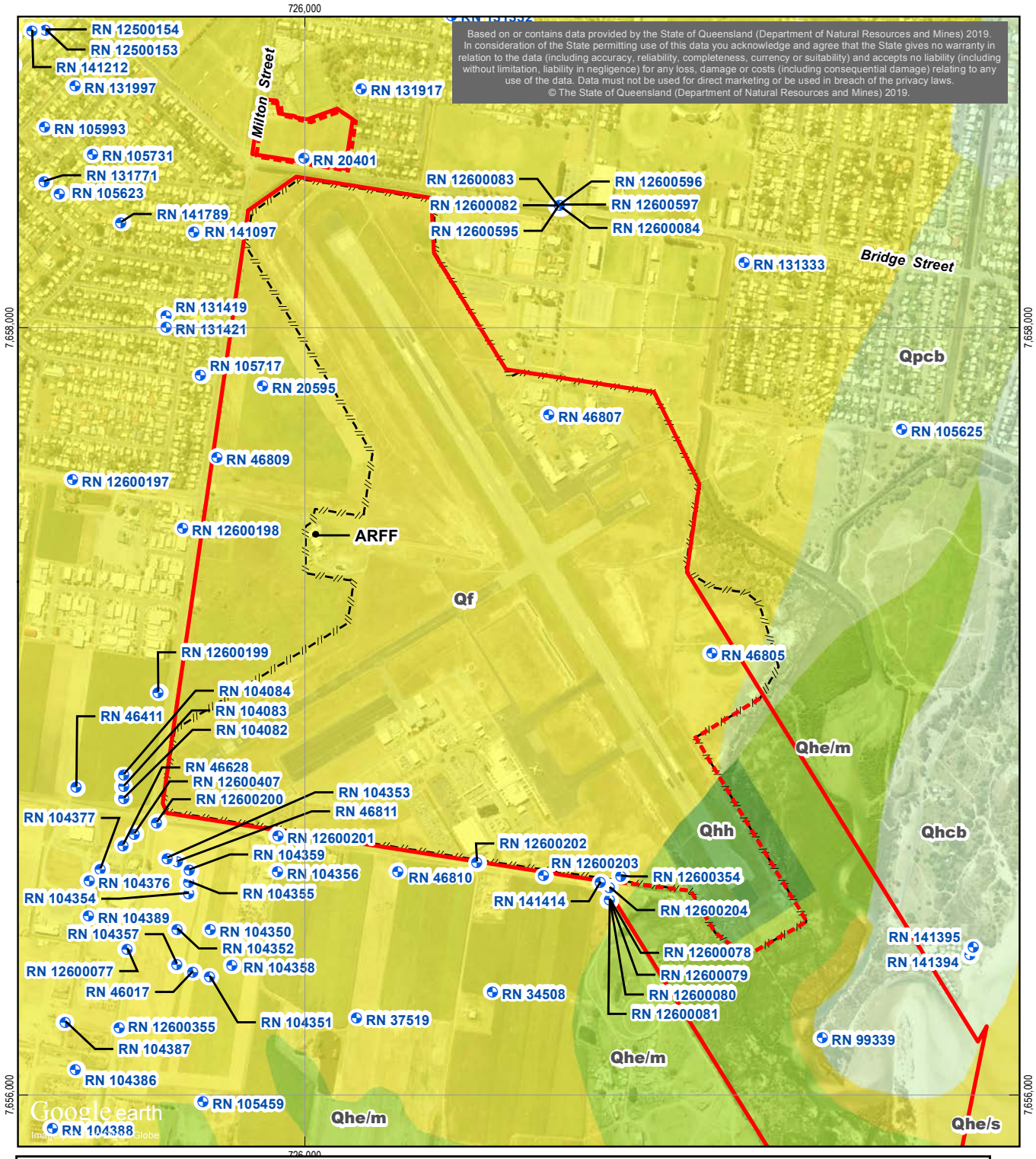
Figure 3

G:\31\34249\GIS\Maps\Working\Mackay\2019 Airport Boundary Revision\MackayFigures\31-34249-314_StormWaterDetail_revA.mxd

180 Lonsdale Street Melbourne VIC 3000 T 61 3 8687 8000 F 61 3 8687 8111 E melmail@ghd.com.au W www.ghd.com



Data Source: Site boundary, Airservices, 2019; DMRM: cadastre (2016); Google Earth: imagery (May 2015, extracted Jul 2016). Created : jvc






Qhcb

**Legend**

- Registered Groundwater Bores
- Airport Security Fence
- Airport Site Boundary
- Boundary - Airside and Non Airside Areas

**Geology Details**

| | | |
|---|---|---|
| Qf | Quaternary aged; Clay, silt, sand and clayey to sandy gravel; alluvial fans, sheetwash and floodout sheets |
| Qhe/m | Holocene aged; Mud, sandy mud, muddy sand and minor gravel: estuarine channels and banks, supratidal flats and coastal grasslands |
| Qpcb | Pleistocene aged; Quartzose to shelley sand, coquina: older coastal beach ridges, cheniers |
| Qhh | Holocene aged; Gravel, sand, silt - man-made deposits generally associated with land-fill or mining (tailings, dumps and rehabilitated areas) |
| Qhcb | Moderately well-sorted, fine to coarse-grained quartzose to shelley sand and some gravel: beach ridges and cheniers |
| Qhe/s | Holocene aged; Sand, muddy sand, mud and minor gravel; estuarine channels and intertidal sand banks and flats |

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Metres
Map Projection: Universal Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

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Airservices Australia Pty Ltd
Mackay Airport
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Revision A
Date 19 Feb 2019

Geology and Hydrogeology

Figure 4

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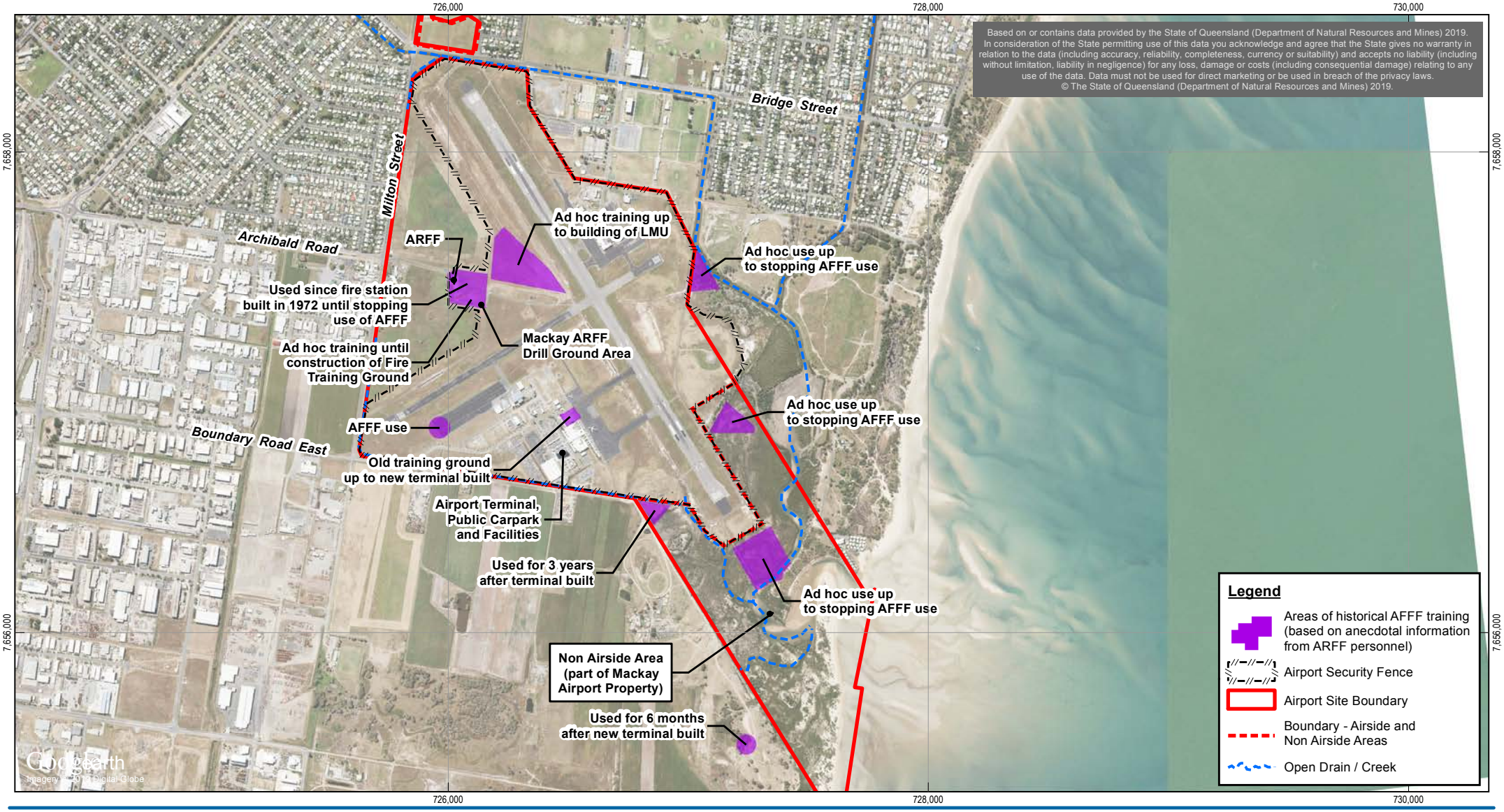
GHD 180 Lonsdale Street Melbourne VIC 3000 T 61 3 8687 8000 F 61 3 8687 8111 E melmail@ghd.com.au W www.ghd.com


Data Source: Site Boundary, Airservices, 2019; DMRM: cadastre (2016); Google Earth: imagery (May 2015, extracted Jul 2016). Created : jvc

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Grid: GDA 1994 MGA Zone 55

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# Historical Fire Training Locations

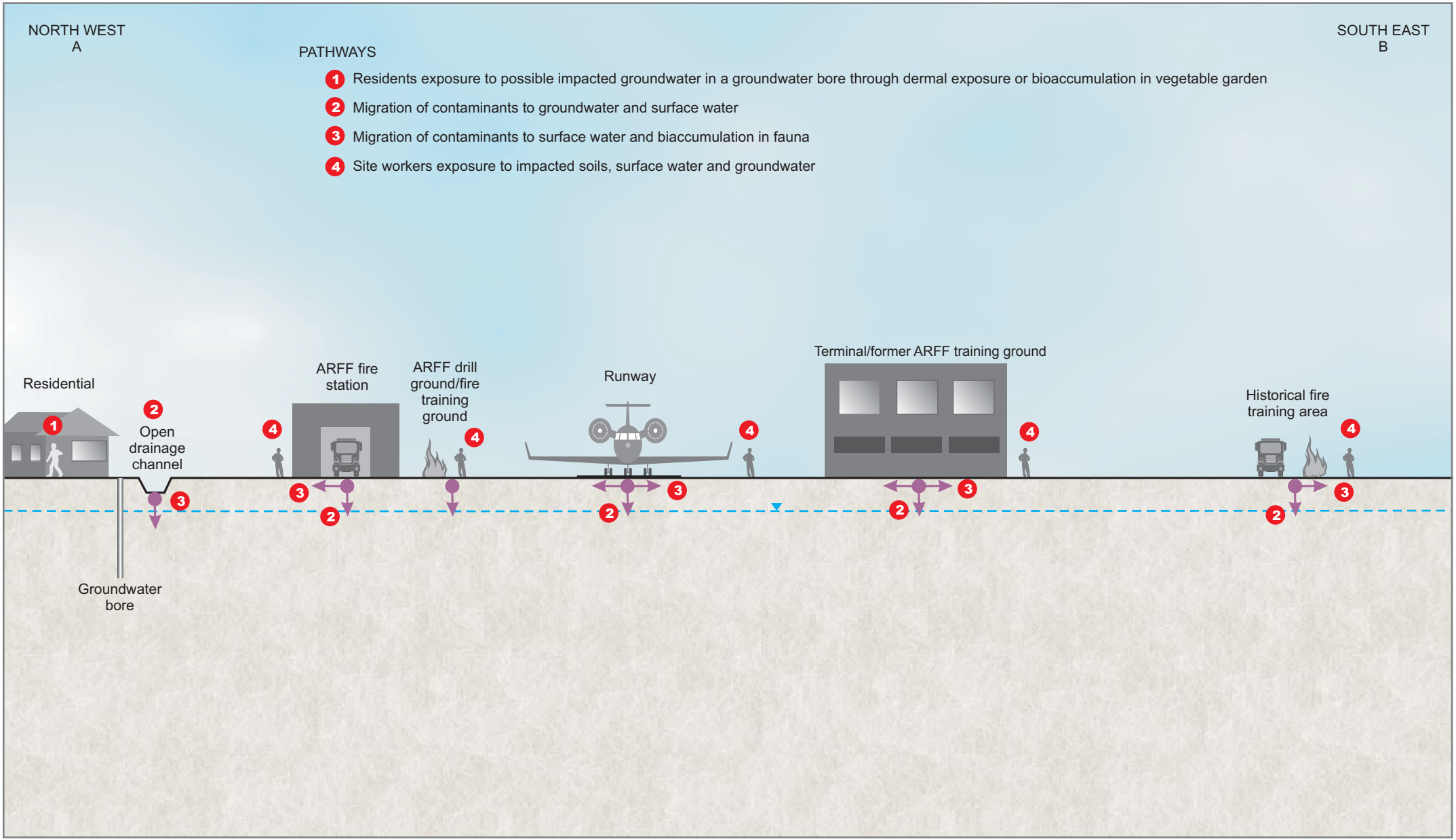
Figure 5

G:\31\34249\GIS\Maps\Working\Mackay\2019 Airport Boundary Revision\MackayFigures\31-34249-315_AECMackayDetails_revA.mxd

180 Lonsdale Street Melbourne VIC 3000 T 61 3 8687 8000 F 61 3 8687 8111 E melmail@ghd.com.au W www.ghd.com



Data Source: Site Boundary, Airservices, 2019; DMRM: cadastre (2016); Google Earth: imagery (May 2015, extracted Jul 2016). Created : jvc




LEGEND

- Sandy silty/sandy clay
- Shallow water table
- Possible sources of PFAS
- Migration of contaminants

NOTE

Conceptual diagram only - not to scale

Airservices Australia
Preliminary Site Investigation

# Mackay Airport Conceptual Site Model (Cross Section A-B)

| | |
|---|---|
| Job Number | 31-34249 |
| Revision | B |
| Date | 8 Nov 2017 |

Figure 6

AU\Launceston\Projects\31\34249\3134249_LTN_07.cdr



8/180 Lonsdale Street Melbourne VIC 3000 Australia **T** 61 3 8687 8000 **F** 61 3 8687 8111 **E** melmail@ghd.com **W** www.ghd.com


1:22,000 (at A4)

0 200 400 600 800

metres

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Map Projection: Universal Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

GHD airservices

Airservices Australia Pty Ltd
Mackay Airport
Preliminary Site Investigation

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|---|---|
| Job Number | 31-34249 |
| Revision | B |
| Date | 19 Feb 2019 |

# Conceptual Site Model Pathways

Figure 7

N:\AU\Melbourne\Projects\31\34249\GIS\Maps\Working\Mackay\2019 Airport Boundary Revision\MackayFigures\31-34249-316_pathwayDetails_revA.mxd

180 Lonsdale Street Melbourne VIC 3000 T 61 3 8687 8000 F 61 3 8687 8111 E melmail@ghd.com.au W www.ghd.com



Data Source: Site Boundary, Airservices, 2019; DMRM: cadastre (2016); Google Earth: imagery (May 2015, extracted Jul 2016). Created : jvc

# Appendix B – Certificates of Title

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 20459053**
Date Created: 12/02/1952

Previous Title: 20367019

**REGISTERED OWNER**

Dealing No: 711979861 10/10/2008

QUEENSLAND AIRPORT HOLDINGS (MACKAY) PTY LTD
A.C.N. 132 296 327

**ESTATE AND LAND**

Estate in Fee Simple

| | | |
|---|---|---|
| LOT 1 | REGISTERED PLAN 711078 | |
| | County of CARLISLE | Parish of HOWARD |
| | Local Government: MACKAY | |
| LOT 381 | REGISTERED PLAN 711085 | |
| | County of CARLISLE | Parish of HOWARD |
| | Local Government: MACKAY | |

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Conveyance No. 601556016 (N326903) (POR 381)
   (POR 161)

2. LEASE No 708251802 29/11/2004 at 16:56
   AIRSERVICES AUSTRALIA
   OVER LEASE AR ON SP145080

3. LEASE No 712292437 20/03/2009 at 12:49
   NORTH QUEENSLAND AIRPORTS NO. 3 (MACKAY) PTY LIMITED A.C.N. 134 250 454 TRUSTEE
   UNDER INSTRUMENT 712292437
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

4. AMENDMENT OF LEASE No 712292447 20/03/2009 at 12:52
   LEASE: 712292437
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

5. MORTGAGE No 712292453 20/03/2009 at 12:55
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   LEASE: 712292437

6. SUB LEASE No 712292466 20/03/2009 at 13:01
   LEASE: 712292437
   MACKAY AIRPORT PTY LTD A.C.N. 132 228 534
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 08/12/2107 OPTION NIL

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 20459053**
Date Created: 12/02/1952

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

7. MORTGAGE No 712292475 20/03/2009 at 13:03
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   SUB LEASE: 712292466

**ADMINISTRATIVE ADVICES - NIL**
**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: External Supervisor

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 20502210**
Date Created: 16/11/1954

Previous Title: 20370173

**REGISTERED OWNER**

Dealing No: 711979861 10/10/2008

QUEENSLAND AIRPORT HOLDINGS (MACKAY) PTY LTD
A.C.N. 132 296 327

**ESTATE AND LAND**

Estate in Fee Simple

LOT 1 REGISTERED PLAN 713704
County of CARLISLE Parish of HOWARD
Local Government: MACKAY

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Deed of Grant No. 10172063 (POR 161)

2. LEASE No 712292437 20/03/2009 at 12:49
   NORTH QUEENSLAND AIRPORTS NO. 3 (MACKAY) PTY LIMITED A.C.N.
   134 250 454 TRUSTEE
   UNDER INSTRUMENT 712292437
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

3. AMENDMENT OF LEASE No 712292447 20/03/2009 at 12:52
   LEASE: 712292437
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

4. MORTGAGE No 712292453 20/03/2009 at 12:55
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   LEASE: 712292437

5. SUB LEASE No 712292466 20/03/2009 at 13:01
   LEASE: 712292437
   MACKAY AIRPORT PTY LTD A.C.N. 132 228 534
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 08/12/2107 OPTION NIL

6. MORTGAGE No 712292475 20/03/2009 at 13:03
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   SUB LEASE: 712292466

**ADMINISTRATIVE ADVICES - NIL**
**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

# CURRENT TITLE SEARCH

ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 20502210**
Date Created: 16/11/1954

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: External Supervisor

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 21454213**
Date Created: 10/12/1990

Previous Title: 20831198

**REGISTERED OWNER**

Dealing No: 711979861 10/10/2008

QUEENSLAND AIRPORT HOLDINGS (MACKAY) PTY LTD
A.C.N. 132 296 327

**ESTATE AND LAND**

Estate in Fee Simple

LOT 443 REGISTERED PLAN 724222
County of CARLISLE Parish of HOWARD
Local Government: MACKAY

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Conveyance No. 601452490 (T572977V) (Lot 443 on RP 724222)

2. LEASE No 708251802 29/11/2004 at 16:56
   AIRSERVICES AUSTRALIA
   OVER LEASE AP ON SP145080

3. LEASE No 712292437 20/03/2009 at 12:49
   NORTH QUEENSLAND AIRPORTS NO. 3 (MACKAY) PTY LIMITED A.C.N.
   134 250 454 TRUSTEE
   UNDER INSTRUMENT 712292437
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

4. AMENDMENT OF LEASE No 712292447 20/03/2009 at 12:52
   LEASE: 712292437
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

5. MORTGAGE No 712292453 20/03/2009 at 12:55
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   LEASE: 712292437

6. SUB LEASE No 712292466 20/03/2009 at 13:01
   LEASE: 712292437
   MACKAY AIRPORT PTY LTD A.C.N. 132 228 534
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 08/12/2107 OPTION NIL

7. MORTGAGE No 712292475 20/03/2009 at 13:03
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   SUB LEASE: 712292466

**ADMINISTRATIVE ADVICES - NIL**

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 21454213**
Date Created: 10/12/1990

**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: External Supervisor

CURRENT TITLE SEARCH

ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 21454214**
Date Created: 10/12/1990

Previous Title: 20842162

**REGISTERED OWNER**

Dealing No: 711979861 10/10/2008

QUEENSLAND AIRPORT HOLDINGS (MACKAY) PTY LTD
A.C.N. 132 296 327

**ESTATE AND LAND**

Estate in Fee Simple

LOT 1 REGISTERED PLAN 723311
County of CARLISLE Parish of HOWARD
Local Government: MACKAY

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Conveyance No. 601452491 (T572983R) (Lot 1 on RP 723311)

2. LEASE No 712292437 20/03/2009 at 12:49
   NORTH QUEENSLAND AIRPORTS NO. 3 (MACKAY) PTY LIMITED A.C.N.
   134 250 454 TRUSTEE
   UNDER INSTRUMENT 712292437
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

3. AMENDMENT OF LEASE No 712292447 20/03/2009 at 12:52
   LEASE: 712292437
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

4. MORTGAGE No 712292453 20/03/2009 at 12:55
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   LEASE: 712292437

5. SUB LEASE No 712292466 20/03/2009 at 13:01
   LEASE: 712292437
   MACKAY AIRPORT PTY LTD A.C.N. 132 228 534
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 08/12/2107 OPTION NIL

6. MORTGAGE No 712292475 20/03/2009 at 13:03
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   SUB LEASE: 712292466

**ADMINISTRATIVE ADVICES - NIL**
**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 21454214**
Date Created: 10/12/1990

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: External Supervisor

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 21454215**
Date Created: 10/12/1990

Previous Title: 20842163

**REGISTERED OWNER**

Dealing No: 711979861 10/10/2008

QUEENSLAND AIRPORT HOLDINGS (MACKAY) PTY LTD
A.C.N. 132 296 327

**ESTATE AND LAND**

Estate in Fee Simple

LOT 2 REGISTERED PLAN 723311
County of CARLISLE Parish of HOWARD
Local Government: MACKAY

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Conveyance No. 601452491 (T572983R) (Lot 2 on RP 723311)

2. LEASE No 712292437 20/03/2009 at 12:49
   NORTH QUEENSLAND AIRPORTS NO. 3 (MACKAY) PTY LIMITED A.C.N.
   134 250 454 TRUSTEE
   UNDER INSTRUMENT 712292437
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

3. AMENDMENT OF LEASE No 712292447 20/03/2009 at 12:52
   LEASE: 712292437
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

4. MORTGAGE No 712292453 20/03/2009 at 12:55
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   LEASE: 712292437

5. SUB LEASE No 712292466 20/03/2009 at 13:01
   LEASE: 712292437
   MACKAY AIRPORT PTY LTD A.C.N. 132 228 534
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 08/12/2107 OPTION NIL

6. MORTGAGE No 712292475 20/03/2009 at 13:03
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   SUB LEASE: 712292466

**ADMINISTRATIVE ADVICES - NIL**
**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

# CURRENT TITLE SEARCH

ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 21454215**
Date Created: 10/12/1990

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: External Supervisor

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 21454216**
Date Created: 10/12/1990

Previous Title: 20842164

**REGISTERED OWNER**

Dealing No: 711979861 10/10/2008

QUEENSLAND AIRPORT HOLDINGS (MACKAY) PTY LTD
A.C.N. 132 296 327

**ESTATE AND LAND**

Estate in Fee Simple

LOT 3 REGISTERED PLAN 723311
County of CARLISLE Parish of HOWARD
Local Government: MACKAY

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Conveyance No. 601452489 (T508827K) (Lot 3 on RP 723311)

2. LEASE No 712292437 20/03/2009 at 12:49
   NORTH QUEENSLAND AIRPORTS NO. 3 (MACKAY) PTY LIMITED A.C.N.
   134 250 454 TRUSTEE
   UNDER INSTRUMENT 712292437
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

3. AMENDMENT OF LEASE No 712292447 20/03/2009 at 12:52
   LEASE: 712292437
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

4. MORTGAGE No 712292453 20/03/2009 at 12:55
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   LEASE: 712292437

5. SUB LEASE No 712292466 20/03/2009 at 13:01
   LEASE: 712292437
   MACKAY AIRPORT PTY LTD A.C.N. 132 228 534
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 08/12/2107 OPTION NIL

6. MORTGAGE No 712292475 20/03/2009 at 13:03
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   SUB LEASE: 712292466

**ADMINISTRATIVE ADVICES - NIL**
**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

# CURRENT TITLE SEARCH

ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 21454216**
Date Created: 10/12/1990

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: External Supervisor

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 50029456**
Date Created: 10/11/1994

Previous Title: 20330211

**REGISTERED OWNER**

Dealing No: 711979861 10/10/2008

QUEENSLAND AIRPORT HOLDINGS (MACKAY) PTY LTD
A.C.N. 132 296 327

**ESTATE AND LAND**

Estate in Fee Simple

LOT 1 REGISTERED PLAN 842090
County of CARLISLE Parish of HOWARD
Local Government: MACKAY

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Deed of Grant No. 10172063 (POR 161)

2. LEASE No 712292437 20/03/2009 at 12:49
   NORTH QUEENSLAND AIRPORTS NO. 3 (MACKAY) PTY LIMITED A.C.N.
   134 250 454 TRUSTEE
   UNDER INSTRUMENT 712292437
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

3. AMENDMENT OF LEASE No 712292447 20/03/2009 at 12:52
   LEASE: 712292437
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

4. MORTGAGE No 712292453 20/03/2009 at 12:55
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   LEASE: 712292437

5. SUB LEASE No 712292466 20/03/2009 at 13:01
   LEASE: 712292437
   MACKAY AIRPORT PTY LTD A.C.N. 132 228 534
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 08/12/2107 OPTION NIL

6. MORTGAGE No 712292475 20/03/2009 at 13:03
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   SUB LEASE: 712292466

**ADMINISTRATIVE ADVICES - NIL**
**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 50029456**
Date Created: 10/11/1994

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: External Supervisor

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38 **Title Reference: 50029457**
Date Created: 10/11/1994

Previous Title: 20495209

**REGISTERED OWNER**

Dealing No: 711979861 10/10/2008

QUEENSLAND AIRPORT HOLDINGS (MACKAY) PTY LTD
A.C.N. 132 296 327

**ESTATE AND LAND**

Estate in Fee Simple

LOT 2 REGISTERED PLAN 842090
County of CARLISLE Parish of HOWARD
Local Government: MACKAY

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Deed of Grant No. 10172063 (POR 161)

2. LEASE No 712292437 20/03/2009 at 12:49
   NORTH QUEENSLAND AIRPORTS NO. 3 (MACKAY) PTY LIMITED A.C.N.
   134 250 454 TRUSTEE
   UNDER INSTRUMENT 712292437
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

3. AMENDMENT OF LEASE No 712292447 20/03/2009 at 12:52
   LEASE: 712292437
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

4. MORTGAGE No 712292453 20/03/2009 at 12:55
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   LEASE: 712292437

5. SUB LEASE No 712292466 20/03/2009 at 13:01
   LEASE: 712292437
   MACKAY AIRPORT PTY LTD A.C.N. 132 228 534
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 08/12/2107 OPTION NIL

6. MORTGAGE No 712292475 20/03/2009 at 13:03
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   SUB LEASE: 712292466

**ADMINISTRATIVE ADVICES - NIL**
**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 50029457**
Date Created: 10/11/1994

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: External Supervisor

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 50029458**
Date Created: 10/11/1994

Previous Title: 21078007

**REGISTERED OWNER**

Dealing No: 711979861 10/10/2008

QUEENSLAND AIRPORT HOLDINGS (MACKAY) PTY LTD
A.C.N. 132 296 327

**ESTATE AND LAND**

Estate in Fee Simple

LOT 3 REGISTERED PLAN 842090
County of CARLISLE Parish of HOWARD
Local Government: MACKAY

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Deed of Grant No. 21078007 (POR 486)

2. LEASE No 708251802 29/11/2004 at 16:56
   AIRSERVICES AUSTRALIA

3. LEASE No 712292437 20/03/2009 at 12:49
   NORTH QUEENSLAND AIRPORTS NO. 3 (MACKAY) PTY LIMITED A.C.N.
   134 250 454 TRUSTEE
   UNDER INSTRUMENT 712292437
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

4. AMENDMENT OF LEASE No 712292447 20/03/2009 at 12:52
   LEASE: 712292437
   TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

5. MORTGAGE No 712292453 20/03/2009 at 12:55
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   LEASE: 712292437

6. SUB LEASE No 712292466 20/03/2009 at 13:01
   LEASE: 712292437
   MACKAY AIRPORT PTY LTD A.C.N. 132 228 534
   OF THE WHOLE OF THE LAND
   TERM: 10/12/2008 TO 08/12/2107 OPTION NIL

7. MORTGAGE No 712292475 20/03/2009 at 13:03
   WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
   over
   SUB LEASE: 712292466

**ADMINISTRATIVE ADVICES - NIL**

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 50029458**
Date Created: 10/11/1994

**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: External Supervisor

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38 **Title Reference: 50227117**
Date Created: 22/07/1998

Previous Title: 40015680

**REGISTERED OWNER**

Dealing No: 711979861 10/10/2008

QUEENSLAND AIRPORT HOLDINGS (MACKAY) PTY LTD
A.C.N. 132 296 327

**ESTATE AND LAND**

Estate in Fee Simple

LOT 405 CROWN PLAN 842088
County of CARLISLE Parish of HOWARD
Local Government: MACKAY

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Deed of Grant No. 40015680 (Lot 405 on CP 842088)

2. SUB LEASE No 602821331 (L527071R) 15/06/1993
   PETER GEOFFREY FORREST
   MARY ELIZABETH FORREST
   OVER LEASE T ON PLAN 91274MPA-3 (AIR CARGO FACILITY OFFICE)
   TERM: 1/10/1992 TO 30/9/2002

3. AMENDMENT No 705994320 30/09/2002 at 15:34
   SUB LEASE: 602821331 (L527071R)
   TO TERMINATE ON 30.09.2012.

4. TRANSFER No 707833927 24/06/2004 at 13:11
   SUB LEASE: 602821331 (L527071R)
   PETER FORREST & CO PTY LTD A.C.N. 009 911 960

5. SUB LEASE No 708605316 22/04/2005 at 14:20
   SUB LEASE: 602821331 (L527071R)
   AUSTRALIAN AIR EXPRESS PTY LTD A.C.N. 054 307 336

6. SUB LEASE No 602821335 (L625136Y) 30/08/1993
   HELIJET WHITSUNDAY PTY LTD
   OVER LEASE BE ON PLAN 92608MPA-1 (AIR CHARTER OPERATORS'
   TERMINAL)
   TERM: 1/3/1993 TO 30/11/2007

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 50227117**
Date Created: 22/07/1998

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

7. SUB LEASE No 602821337 (L646492V) 15/09/1993
   GEOFFREY FRANK HUNT
   BERIS AGNES HUNT
   TRUSTEE
   FOR THE
   HUNT FAMILY TRUST
   RONALD VICTOR HALL
   BERYL MAVIS HALL
   JOINT TENANTS INTER SE 1/4
   BARRY JOHN DEAN
   HELEN VALMAE DEAN
   JOINT TENANTS INTER SE 1/4
   LACABA CONSTRUCTIONS PTY. LTD.
   PART-LOT AV ON PLAN 92363MPA-3
   TERM 1.4.1993 TO 30.9.2002

8. CHANGE OF NAME No 701027637 28/11/1995 at 12:53
   of
   SUB LEASE: 602821337 (L646492V)
   to
   GEOFFREY FRANK HUNT
   BERIS AGNES HUNT TRUSTEE 1/4
   THE HUNT FAMILY TRUST
   RONALD VICTOR HALL
   BERYL MAVIS HALL JOINT TENANTS INTER SE 1/4
   BARRY JOHN DEAN
   HELEN VALMAE DEAN JOINT TENANTS INTER SE 1/4
   TRANSLIFT AUSTRALIA PTY LTD TENANT IN COMMON 1/4

9. TRANSFER No 701146515 08/02/1996 at 09:17
   of
   SUB LEASE: 602821337 (L646492V)
   to
   GEOFFREY FRANK HUNT
   BERIS AGNES HUNT TRUSTEE 1/4
   FOR THE HUNT FAMILY TRUST
   BARRY JOHN DEAN
   HELEN VALMAE DEAN JOINT TENANTS INTER SE 1/4
   ROSS ALEXANDER WALZ
   STEVEN MICHAEL WALZ
   JASON CHARLES WALZ JOINT TENANTS INTER SE 1/4
   TRANSLIFT AUSTRALIA PTY LTD TENANT IN COMMON 1/4

10. TRANSFER No 703390644 11/06/1999 at 11:51
    SUB LEASE: 602821337 (L646492V)
    GEOFFREY FRANK HUNT
    BERIS AGNES HUNT TRUSTEE 3/8
    UNDER INSTRUMENT NO.703390644
    BARRY JOHN DEAN
    HELEN VALMAE DEAN JOINT TENANTS INTER SE 3/8
    TRANSLIFT AUSTRALIA PTY LTD A.C.N. 010 165 693
    TENANT IN COMMON 1/4

# CURRENT TITLE SEARCH

ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 50227117**
Date Created: 22/07/1998

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

11. TRANSFER No 704334054 27/09/2000 at 12:15
    SUB LEASE: 602821337 (L646492V)
    GEOFFREY FRANK HUNT
    BERIS AGNES HUNT TRUSTEE 1/2
    UNDER INSTRUMENT NO.703390644
    BARRY JOHN DEAN
    HELEN VALMAE DEAN JOINT TENANTS INTER SE 1/2

12. TRANSFER No 704517750 05/01/2001 at 12:30
    SUB LEASE: 602821337 (L646492V)
    GEOFFREY FRANK HUNT
    BERIS AGNES HUNT TRUSTEE 1/2
    UNDER INSTRUMENT NO.703390644
    ROYLEN HOLDINGS PTY LTD A.C.N. 074 328 779
    TENANT IN COMMON 1/2

13. SUB LEASE No 601044250 (L790083L) 07/01/1994 at 08:57
    AUSTRALIAN AIRLINES LIMITED
    OVER THE WHOLE OF SUB-LEASE L527069F
    TERM: 02/10/1992 TO 29/09/2001

14. SUB LEASE No 602821339 (L965768D) 18/05/1994
    AUSTRALIAN AIRLINES LIMITED
    OVER LEASE D, E AND M WITHIN THE AIRPORT TERMINAL BUILDING
    TERM: 1/4/1993 TO 30/9/2001

15. SUB LEASE No 602821340 (L965769F) 18/05/1994
    PETER FORREST & CO. PTY. LTD.
    OVER LEASE AU IN LOT 405 ON PLAN CI2522 ON PLAN 92528MPA-1
    TERM: 1/10/1992 TO 30/9/2002

16. SUB LEASE No 704776356 22/05/2001 at 14:17
    SUB LEASE: 602821340 (L965769F)
    LEASE: 704198179
    W T H PTY LTD A.C.N. 000 165 855

17. AMENDMENT OF LEASE No 711043371 28/09/2007 at 13:10
    SUB LEASE: 704776356
    TERM: 01/12/1998 TO 29/09/2012 OPTION NIL

18. AMENDMENT No 705994330 30/09/2002 at 15:35
    SUB LEASE: 602821340 (L965769F)
    TO TERMINATE ON 30.09.2012.

19. SUB LEASE No 700198570 31/08/1994 at 12:47
    JURIS GOLD PTY. LTD.
    OVER SUB-LEASE BG ON PLAN 93263MPA-1
    TERM: 01/09/1993 TO 30/09/2013

20. TRANSFER No 702327323 11/11/1997 at 11:25
    SUB LEASE: 700198570
    HONORA NOMINEES PTY LTD A.C.N. 009 941 048

# CURRENT TITLE SEARCH

ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND

Request No: 8609416
Search Date: 17/02/2010 10:38

Title Reference: 50227117
Date Created: 22/07/1998

EASEMENTS, ENCUMBRANCES AND INTERESTS

21. AMENDMENT No 702327362 11/11/1997 at 11:29
SUB LEASE: 700198570

22. MORTGAGE No 706972781 10/09/2003 at 11:20
BANK OF QUEENSLAND LIMITED A.C.N. 009 656 740
over
SUB LEASE: 700198570

23. MORTGAGE No 706972791 10/09/2003 at 11:21
BANK OF QUEENSLAND LIMITED A.C.N. 009 656 740
over
SUB LEASE: 700198570

24. SUB LEASE No 707196280 14/11/2003 at 12:12
SUB LEASE: 700198570
HERTZ AUSTRALIA PTY LIMITED A.C.N. 004 407 087
THE WHOLE OF LEASE BG

25. SUB LEASE No 700275174 10/10/1994 at 11:56
NEW STAT. NOMINEES PTY. LTD.
OVER SUBLEASE F ON PLAN 91208MPA-4C
TERM: 01/07/1994 TO 30/06/1999

26. AMENDMENT No 703423326 30/06/1999 at 09:54
SUB LEASE: 700275174
TO TERMINATE ON 30/06/2000.

27. SUBSTITUTE DEALING No 700627937 02/05/1995 at 15:35
A SUBSTITUTE DUPLICATE SUBLEASE WAS ISSUED ON 17/08/1995

28. SUBSTITUTE DEALING No 700627942 02/05/1995 at 15:36
A SUBSTITUTE TRIPLICATE SUBLEASE WAS ISSUED ON 17/08/1995

29. SUB LEASE No 700739279 06/07/1995 at 15:55
JES MORRIS PTY LTD
OVER PART (LOT X ON PLAN 91274MPA-3)
TERM: 01/06/1994 TO 30/09/1999

30. SUB LEASE No 701026682 28/11/1995 at 10:03
to
GAMMADELL PTY.LTD.
OF PART(LOT BT ON PLAN 94211MPA-1)
TERM:01/02/1995 TO 30/09/2000

31. SUB LEASE No 701066501 15/12/1995 at 16:11
to
FISHER CATERING SERVICES PTY.LTD.
OF PART OF THE GROUND FLOOR OF BUILDING
TERM:01/08/1994 TO 31/07/1999

# CURRENT TITLE SEARCH

ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 50227117**
Date Created: 22/07/1998

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

32. SUB LEASE No 701122109 24/01/1996 at 09:28
to
BUREAU OF METEOROLOGY
OF PART(LOT A ON CP886038)
TERM:01/09/1994 TO 29/09/2041

33. SUB LEASE No 701210079 14/03/1996 at 15:48
to
WHITSUNDAY HELICOPTER GROUP PTY LTD
OF PART(LOT CA ON PLAN 94211MPA-1)
TERM:01/06/1994 TO 30/09/1999

34. SUB LEASE No 701430928 09/07/1996 at 16:50
to
JURIS GOLD PTY LTD ACN 010 998 660
OVER PART OF THE LAND (LOTS AW & BH ON PLAN 94490MPA-2)
TERM: COMMENCING 01/01/1995
TERMINATING 30/09/1999

35. SUB LEASE No 702153787 14/08/1997 at 12:32
to
THE SHELL COMPANY OF AUSTRALIA LTD A.C.N. 004 610 459
OF PART OF THE LAND

36. SUB LEASE No 702506974 13/02/1998 at 17:35
to
GEOGAS SYSTEMS PTY LTD A.C.N. 071 343 292
OF PART,BEING AREA CF ON PLAN 97090MPA-1

37. LEASE No 704198179 17/07/2000 at 14:46
PETER FORREST & CO. PTY LTD A.C.N. 009 911 960
OF PART OF THE LAND (BLOCK BJ)

38. AMENDMENT No 705994324 30/09/2002 at 15:35
LEASE: 704198179
TO TERMINATE ON 30.09.2012 WITH A 1 X 10 YEAR OPTION PERIOD.

39. LEASE No 704198204 17/07/2000 at 14:49
HERTZ AUSTRALIA PTY LTD A.C.N. 004 407 087
OVER PART OF THE LAND (LEASES AW & BH)

40. LEASE No 704448476 28/11/2000 at 09:11
HYDRO PILOTS AUSTRALIA PTY LTD A.C.N. 072 711 785
OVER LEASE P ON SP136313

41. LEASE No 704907313 19/07/2001 at 11:59
BEATRICE JESSY MAHLBERG
OVER LEASE BT ON SP143340

42. LEASE No 704907401 19/07/2001 at 12:10
BP AUSTRALIA LTD A.C.N. 004 085 616
OVER LEASE CC ON SP143340

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

43. LEASE No 705855384 07/08/2002 at 16:48
JF GARMENTS (QLD) PTY LTD A.C.N. 098 212 689
OF PART OF THE LAND [LEASE A].

44. LEASE No 706164189 02/12/2002 at 16:43
TELSTRA CORPORATION LIMITED A.C.N. 074 196 991
OVER LEASE Q ON SP143341

45. LEASE No 706240895 02/01/2003 at 13:12
HYDRO PILOTS AUSTRALIA PTY LTD A.C.N. 072 711 785
OVER LEASE A ON SP149599

46. MORTGAGE No 710522236 23/04/2007 at 09:51
WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
over
LEASE: 706240895

47. AMENDMENT OF LEASE No 711137749 31/10/2007 at 10:53
LEASE: 706240895
TERM: 01/09/2002 TO 31/08/2027 OPTION NIL

48. LEASE No 706599836 13/05/2003 at 16:28
GEOFFREY FRANK HUNT
BERIS AGNES HUNT TRUSTEE
UNDER INSTRUMENT 706599836
OVER LEASE AV ON SP154139

49. LEASE No 707080068 13/10/2003 at 15:48
CHRISAIR MAINTENANCE PTY LTD A.C.N. 074 612 678
OVER LEASE F ON SP159344

50. LEASE No 707082282 14/10/2003 at 12:08
CENTRAL QUEENSLAND HELICOPTER RESCUE SERVICE LIMITED A.C.N. 067 116 670
OVER LEASE H ON SP159345

51. LEASE No 707147096 31/10/2003 at 12:46
THE SHELL COMPANY OF AUSTRALIA LIMITED A.C.N. 004 610 459
OVER LEASE M ON SP163481

52. LEASE No 708251802 29/11/2004 at 16:56
AIRSERVICES AUSTRALIA
OVER LEASE AL ON SP145080

53. LEASE No 708492044 09/03/2005 at 12:02
HERTZ AUSTRALIA PTY LIMITED A.C.N. 004 407 087
OF PART OF THE GROUND FLOOR [LEASE 18]

54. LEASE No 708518780 18/03/2005 at 12:55
COMPASS GROUP (AUSTRALIA) PTY LTD A.C.N. 000 683 125
OF PART OF THE GROUND FLOOR [LEASES 16/17]

# CURRENT TITLE SEARCH

ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 50227117**
Date Created: 22/07/1998

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

55. LEASE No 708680398 24/05/2005 at 10:10
W.T.H. PTY LTD A.B.N. 15 000 165 855
OVER LEASE A ON SP143342

56. LEASE No 709235011 20/12/2005 at 12:16
BEATRICE JESSY MAHLBERG
OF LEASE P ON SP136313
TERM: 01/10/2005 TO 30/06/2010 OPTION NIL

57. LEASE No 709379160 20/02/2006 at 16:07
GERALD NICHOLAS TURNER
ALLAN EDWARD CHINN TRUSTEE
UNDER INSTRUMENT 709379160
OF LEASE T ON SP170239
TERM: 01/01/2006 TO 30/09/2026 OPTION NIL

58. RECORD OF DEATH No 712802686 19/10/2009 at 11:14
over
LEASE: 709379160
surviving joint tenant
ALLAN EDWARD CHINN TRUSTEE

59. LEASE No 709379172 20/02/2006 at 16:10
BEATRICE JESSY MAHLBERG TENANT IN COMMON 1/2
PETER YET FOY TENANT IN COMMON 1/2
OF LEASE BT ON SP143340
TERM: 01/10/2005 TO 30/09/2010 OPTION NIL

60. LEASE No 709513560 11/04/2006 at 15:58
WHITSUNDAY HELICOPTER GROUP PTY LTD A.C.N. 060 789 577
OF LEASE CA ON SP185787
TERM: 01/11/2005 TO 30/09/2010 OPTION NIL

61. LEASE No 709752189 06/07/2006 at 15:46
THE SHELL COMPANY OF AUSTRALIA LIMITED A.C.N. 004 610 459
OVER LEASE M ON SP163481
TERM: 01.10.2005 TO 30.09.2008 OPTION ONE YEAR

62. LEASE No 711535753 28/03/2008 at 14:55
CENTRAL QUEENSLAND HELICOPTER RESCUE SERVICE LIMITED A.C.N. 067 116 670
OF LEASE B ON SP143342
TERM: 01/10/2007 TO 30/09/2013 OPTION 5 YEARS

63. LEASE No 712292437 20/03/2009 at 12:49
NORTH QUEENSLAND AIRPORTS NO. 3 (MACKAY) PTY LIMITED A.C.N. 134 250 454 TRUSTEE
UNDER INSTRUMENT 712292437
OF THE WHOLE OF THE LAND
TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8609416
Search Date: 17/02/2010 10:38

**Title Reference: 50227117**
Date Created: 22/07/1998

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

64. AMENDMENT OF LEASE No 712292447 20/03/2009 at 12:52
    LEASE: 712292437
    TERM: 10/12/2008 TO 10/01/2107 OPTION NIL

65. MORTGAGE No 712292453 20/03/2009 at 12:55
    WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
    over
    LEASE: 712292437

66. SUB LEASE No 712292466 20/03/2009 at 13:01
    LEASE: 712292437
    MACKAY AIRPORT PTY LTD A.C.N. 132 228 534
    OF THE WHOLE OF THE LAND
    TERM: 10/12/2008 TO 08/12/2107 OPTION NIL

67. MORTGAGE No 712292475 20/03/2009 at 13:03
    WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141
    over
    SUB LEASE: 712292466

**ADMINISTRATIVE ADVICES - NIL**
**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: External Supervisor

# CURRENT TITLE SEARCH

**ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND**

Request No: 8732680
Search Date: 05/03/2010 08:47

**Title Reference: 21144241**
Date Created: 06/07/1981

Previous Title: 21023122

**REGISTERED OWNER** Interest

Dealing No: 706549381 23/04/2003

JOHN DOUGLAS MANZELMANN 1/2
BRIAN HENRY MANZELMANN 1/2

AS TENANTS IN COMMON

**ESTATE AND LAND**

Estate in Fee Simple

LOT 2 REGISTERED PLAN 733682
County of CARLISLE Parish of HOWARD
Local Government: MACKAY

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by
   Deed of Grant No. 10356060 (POR 316)
   Deed of Grant No. 10356063 (POR 346)
   (POR 347)
   Deed of Grant No. 10721068 (POR 550)

2. EASEMENT No 601517511 (N508628) 14/05/1964
   BURDENING THE LAND
   TO SUB 1 ON RP19357
   OVER EASEMENT A, B AND C ON RP19357

3. EASEMENT No 601517512 (N654757) 27/09/1971
   BURDENING THE LAND
   TO SUB 1 ON RP19357
   OVER EASEMENT D ON RP24736

4. LEASE No 702339205 17/11/1997 at 16:00
   MOGOMINSTER PTY. LTD. A.C.N. 010 962 526
   OF PART OF THE LAND AS SHOWN IN SKETCH

5. MORTGAGE No 703063416 14/12/1998 at 14:54
   NATIONAL AUSTRALIA BANK LIMITED A.C.N. 004 044 937
   over
   LEASE: 702339205

6. AMENDMENT OF LEASE No 709334745 02/02/2006 at 12:09
   LEASE: 702339205
   TERM: 12.06.1997 TO 12.01.2009 OPTION THREE YEARS

# CURRENT TITLE SEARCH

ENVIRONMENT AND RESOURCE MANAGEMENT, QUEENSLAND

Request No: 8732680
Search Date: 05/03/2010 08:47

**Title Reference: 21144241**
Date Created: 06/07/1981

**EASEMENTS, ENCUMBRANCES AND INTERESTS**

7. SUB LEASE No 709776645 17/07/2006 at 13:51
   LEASE: 702339205
   EDM AUSTRALIA PTY LTD A.C.N. 111 413 917
   OF PART OF THE LAND
   TERM: 18/01/2006 TO 11/01/2009 OPTION 3 YEARS

8. MORTGAGE No 709847643 11/08/2006 at 11:29
   NATIONAL AUSTRALIA BANK LIMITED A.B.N. 12 004 044 937
   over
   SUB LEASE: 709776645

9. AMENDMENT OF LEASE No 712366024 24/04/2009 at 15:50
   SUB LEASE: 709776645
   TERM: 18/01/2006 TO 11/01/2012 OPTION 3 YEARS

10. AMENDMENT OF LEASE No 712243100 25/02/2009 at 14:38
    LEASE: 702339205
    TERM: 12/06/1997 TO 12/01/2012 OPTION 3 YEARS

**ADMINISTRATIVE ADVICES - NIL**
**UNREGISTERED DEALINGS - NIL**

**CERTIFICATE OF TITLE ISSUED - No**

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **


Requested By: D APPLICATIONS CITEC CONFIRM

# Appendix C – Site photographs

| Photo 1 | Photograph |
|---|---|
| Hose drying rack at ARFF fire station |  |
| **Photo 2** | **Photo** |
| Former fire training area |  |

| Photo 3 | Photo |
|---|---|
| Fire training ground |  |
| **Photo 4** | **Photo** |
| Rear of fire station – smoke hut |  |

| Photo 5 | Photo |
|---|---|
| Water logged area adjacent to the fire station (control tower in background) |  |
| **Photo 6** | **Photo** |
| Fuel and foam storage unit at the fire station |  |

# Appendix D – Groundwater data search results


1:12,500 (at A3)

0 60 120 240 360 480

Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 55

N

LEGEND

Site boundary

Groundwater well

Airservices Australia
Preliminary Site Investigation

Mackay Airport
Groundwater database search

| | |
|---|---|
| Job Number | 31-34249 |
| Revision | A |
| Date | 15/07/2016 |

Figure D1

180 Lonsdale Street Melbourne VIC 3000 **T** 61 3 8687 8000 **F** 61 3 8687 8111 **E** melmail@ghd.com.au **W** www.ghd.com.au

| Bore_Reg_Number | distance | easting | northing | zone | latitude | longitude |
|---|---|---|---|---|---|---|
| 46807 | 369.258026 | 726636 | 7657776 | 55 | -21.1673107 | 149.182739 |
| 46805 | 611.620483 | 727061 | 7657154 | 55 | -21.1728725 | 149.186905 |
| 20595 | 754.08905 | 725890 | 7657851 | 55 | -21.166729 | 149.175537 |
| 46809 | 780.624939 | 725770 | 7657664 | 55 | -21.1684284 | 149.174423 |
| 12600198 | 811.62915 | 725703 | 7657461 | 55 | -21.1700993 | 149.173584 |
| 12600202 | 848.280823 | 726459 | 7656581 | 55 | -21.1778774 | 149.181091 |
| 12600203 | 882.549744 | 726640 | 7656554 | 55 | -21.1781559 | 149.182755 |
| 46810 | 885.30011 | 726242 | 7656585 | 55 | -21.1781139 | 149.179108 |
| 12600082 | 891.636108 | 726648 | 7658309 | 55 | -21.1624203 | 149.182846 |
| 12600083 | 891.636108 | 726648 | 7658309 | 55 | -21.1624317 | 149.182892 |
| 12600084 | 895.471741 | 726677 | 7658308 | 55 | -21.1624603 | 149.182983 |
| 12600595 | 903.54834 | 726661 | 7658319 | 55 | -21.162405 | 149.182907 |
| 12600596 | 904.698181 | 726662 | 7658320 | 55 | -21.1623974 | 149.182907 |
| 12600597 | 905.848694 | 726663 | 7658321 | 55 | -21.1623878 | 149.182922 |
| 105717 | 905.89624 | 725728 | 7657878 | 55 | -21.1665039 | 149.173981 |
| 141414 | 908.339294 | 726770 | 7656556 | 55 | -21.1783085 | 149.184189 |
| 12600354 | 925.956238 | 726824 | 7656555 | 55 | -21.1781559 | 149.184692 |
| 12600204 | 941.136169 | 726794 | 7656529 | 55 | -21.1784325 | 149.184418 |
| 12600201 | 963.213867 | 725944 | 7656651 | 55 | -21.1773224 | 149.176086 |
| 12600080 | 965.835388 | 726800 | 7656505 | 55 | -21.1787109 | 149.184418 |
| 12600199 | 967.061951 | 725631 | 7657033 | 55 | -21.1739883 | 149.173035 |
| 12600081 | 969.656616 | 726800 | 7656501 | 55 | -21.1787109 | 149.184418 |
| 12600078 | 972.523499 | 726800 | 7656498 | 55 | -21.1787109 | 149.184418 |
| 12600079 | 973.479309 | 726800 | 7656497 | 55 | -21.1787109 | 149.184418 |
| 131333 | 976.088623 | 727144 | 7658173 | 55 | -21.163662 | 149.187576 |
| 104356 | 1014.91058 | 725932 | 7656596 | 55 | -21.1781559 | 149.176086 |
| 131421 | 1048.07764 | 725638 | 7658003 | 55 | -21.1653862 | 149.173096 |
| 131419 | 1064.59277 | 725639 | 7658034 | 55 | -21.1651039 | 149.173096 |
| 105625 | 1086.0946 | 727555 | 7657737 | 55 | -21.167551 | 149.191589 |
| 12600197 | 1110.02515 | 725415 | 7657584 | 55 | -21.1689892 | 149.170807 |
| 20401 | 1139.94019 | 725998 | 7658444 | 55 | -21.161356 | 149.176498 |
| 12600200 | 1140.44202 | 725639 | 7656696 | 55 | -21.1770439 | 149.173035 |
| 104084 | 1141.55432 | 725531 | 7656847 | 55 | -21.1759338 | 149.172195 |
| 141097 | 1150.15686 | 725711 | 7658251 | 55 | -21.1631355 | 149.173767 |
| 34508 | 1155.76904 | 726489 | 7656272 | 55 | -21.180912 | 149.181519 |
| 104083 | 1157.09827 | 725531 | 7656817 | 55 | -21.1762104 | 149.172195 |
| 46811 | 1158.9574 | 725673 | 7656630 | 55 | -21.1779575 | 149.173569 |
| 104359 | 1160.72375 | 725701 | 7656599 | 55 | -21.1781559 | 149.173859 |
| 104082 | 1174.58728 | 725530 | 7656786 | 55 | -21.1764889 | 149.172195 |
| 104353 | 1180.16846 | 725644 | 7656630 | 55 | -21.1778774 | 149.173309 |
| 104355 | 1183.05017 | 725701 | 7656568 | 55 | -21.1784325 | 149.173859 |
| 104354 | 1206.43457 | 725700 | 7656537 | 55 | -21.1787109 | 149.173859 |
| 12600407 | 1211.07935 | 725569 | 7656670 | 55 | -21.1773224 | 149.17247 |
| 104350 | 1241.05872 | 725757 | 7656444 | 55 | -21.1795444 | 149.174423 |
| 131917 | 1252.45728 | 726147 | 7658625 | 55 | -21.1597061 | 149.177917 |
| 46628 | 1255.9541 | 725526 | 7656652 | 55 | -21.1775951 | 149.172195 |
| 46411 | 1256.64392 | 725415 | 7656818 | 55 | -21.1762447 | 149.171005 |
| 104358 | 1284.58777 | 725813 | 7656351 | 55 | -21.180378 | 149.174973 |
| 37519 | 1293.42102 | 726128 | 7656193 | 55 | -21.181572 | 149.178116 |
| 104352 | 1295.19763 | 725670 | 7656445 | 55 | -21.1795444 | 149.173584 |
| 141789 | 1306.20361 | 725520 | 7658275 | 55 | -21.1629429 | 149.171936 |
| 104377 | 1330.88538 | 725470 | 7656602 | 55 | -21.1781559 | 149.171646 |
| 104351 | 1341.76318 | 725755 | 7656321 | 55 | -21.1806545 | 149.174423 |
| 12600555 | 1363.06482 | 727877 | 7657430 | 55 | -21.1703491 | 149.194656 |
| 12600556 | 1363.06482 | 727877 | 7657430 | 55 | -21.1703415 | 149.194656 |
| 104357 | 1366.9198 | 725669 | 7656353 | 55 | -21.180378 | 149.173584 |
| 46017 | 1367.28027 | 725708 | 7656323 | 55 | -21.1805439 | 149.173996 |
| 104376 | 1372.25183 | 725441 | 7656572 | 55 | -21.1784325 | 149.171356 |
| 12600353 | 1377.87952 | 727879 | 7657615 | 55 | -21.168726 | 149.194763 |
| 46134 | 1385.06604 | 727088 | 7658688 | 55 | -21.1590233 | 149.186966 |
| 12600553 | 1391.35437 | 727905 | 7657399 | 55 | -21.1704769 | 149.194931 |
| 12600554 | 1391.35437 | 727905 | 7657399 | 55 | -21.1704693 | 149.194931 |
| 131332 | 1394.75439 | 726382 | 7658816 | 55 | -21.1579514 | 149.180161 |
| 104389 | 1432.82727 | 725440 | 7656479 | 55 | -21.179266 | 149.171356 |
| 12600077 | 1436.21716 | 725525 | 7656386 | 55 | -21.1800251 | 149.172333 |
| 12600551 | 1449.36279 | 727963 | 7657398 | 55 | -21.1706581 | 149.195541 |
| 12600552 | 1449.36279 | 727963 | 7657398 | 55 | -21.1706486 | 149.195541 |
| 104380 | 1477.47876 | 725212 | 7656729 | 55 | -21.1770439 | 149.169144 |
| 105623 | 1477.97974 | 725360 | 7658351 | 55 | -21.1622791 | 149.17038 |
| 105731 | 1481.25354 | 725447 | 7658455 | 55 | -21.1613312 | 149.171204 |
| 105978 | 1507.18298 | 726013 | 7658849 | 55 | -21.1577034 | 149.17659 |
| 12600196 | 1517.39343 | 725014 | 7657657 | 55 | -21.1684341 | 149.166916 |
| 63000 | 1522.23828 | 725189 | 7656678 | 55 | -21.1774082 | 149.168945 |
| 99339 | 1524.83191 | 727348 | 7656151 | 55 | -21.1818924 | 149.189804 |
| 131771 | 1527.95581 | 725320 | 7658381 | 55 | -21.1620083 | 149.169998 |
| 105618 | 1533.08923 | 726603 | 7658958 | 55 | -21.1566429 | 149.182266 |
| 104379 | 1533.26379 | 725182 | 7656668 | 55 | -21.1776009 | 149.168869 |
| 85030 | 1536.13647 | 724986 | 7657269 | 55 | -21.1720924 | 149.166916 |
| 104378 | 1548.85364 | 725182 | 7656637 | 55 | -21.1778774 | 149.168869 |
| 46425 | 1551.54248 | 724978 | 7657208 | 55 | -21.1726437 | 149.166855 |
| 141338 | 1555.73877 | 727288 | 7658777 | 55 | -21.1581879 | 149.188873 |
| 104375 | 1564.90247 | 725182 | 7656606 | 55 | -21.1781559 | 149.168869 |
| 12600355 | 1600.85364 | 725522 | 7656171 | 55 | -21.1818829 | 149.172165 |
| 141395 | 1608.29712 | 727742 | 7656389 | 55 | -21.1796989 | 149.193573 |
| 141394 | 1615.13269 | 727733 | 7656368 | 55 | -21.1798916 | 149.193481 |
| 105993 | 1620.25342 | 725322 | 7658525 | 55 | -21.1607151 | 149.169983 |
| 131997 | 1640.01074 | 725402 | 7658633 | 55 | -21.1597309 | 149.170746 |
| 105459 | 1647.82581 | 725721 | 7655983 | 55 | -21.1835918 | 149.174286 |
| 104387 | 1670.25574 | 725378 | 7656203 | 55 | -21.1817665 | 149.170807 |
| 104382 | 1690.08594 | 725179 | 7656391 | 55 | -21.1800995 | 149.168869 |
| 105688 | 1699.70972 | 725800 | 7658970 | 55 | -21.1566391 | 149.17453 |
| 81031 | 1702.68372 | 725689 | 7658917 | 55 | -21.1571312 | 149.173477 |
| 105689 | 1705.84534 | 726379 | 7659128 | 55 | -21.1551399 | 149.180084 |
| 20045 | 1719.27222 | 724909 | 7658044 | 55 | -21.1651058 | 149.166077 |
| 105721 | 1719.46899 | 725155 | 7658481 | 55 | -21.161129 | 149.168381 |
| 141066 | 1726.39685 | 726384 | 7659149 | 55 | -21.1549492 | 149.18013 |
| 141093 | 1733.61475 | 725106 | 7658439 | 55 | -21.1615124 | 149.167923 |
| 104386 | 1745.13562 | 725405 | 7656080 | 55 | -21.1828785 | 149.171082 |

| Bore_Reg_Number | distance | easting | northing | zone | latitude | longitude |
|---|---|---|---|---|---|---|
| 131759 | 1746.90637 | 725038 | 7658362 | 55 | -21.1622219 | 149.167282 |
| 105971 | 1751.00293 | 725754 | 7659005 | 55 | -21.1563225 | 149.174088 |
| 20391 | 1755.17786 | 726698 | 7655682 | 55 | -21.1862106 | 149.183609 |
| 12500155 | 1763.25793 | 725252 | 7658659 | 55 | -21.1592674 | 149.169144 |
| 12500157 | 1767.89233 | 725107 | 7658498 | 55 | -21.1609325 | 149.167755 |
| 12500156 | 1769.70105 | 725177 | 7658587 | 55 | -21.160099 | 149.168579 |
| 12500153 | 1773.45911 | 725329 | 7658747 | 55 | -21.1584339 | 149.169968 |
| 12500154 | 1775.46497 | 725326 | 7658747 | 55 | -21.1584339 | 149.169968 |
| 12500152 | 1784.20557 | 725420 | 7658837 | 55 | -21.1576004 | 149.170807 |
| 12500158 | 1795.12146 | 725007 | 7658403 | 55 | -21.1617661 | 149.166916 |
| 131672 | 1795.52979 | 726065 | 7659166 | 55 | -21.1548328 | 149.177063 |
| 46451 | 1804.78052 | 725915 | 7655725 | 55 | -21.185915 | 149.176071 |
| 12500151 | 1810.08386 | 725484 | 7658916 | 55 | -21.1570435 | 149.171356 |
| 104381 | 1811.9259 | 725148 | 7656237 | 55 | -21.181488 | 149.168579 |
| 141212 | 1821.79138 | 725289 | 7658776 | 55 | -21.1584492 | 149.169632 |
| 141211 | 1832.31885 | 725348 | 7658841 | 55 | -21.157856 | 149.170197 |
| 12500150 | 1833.97681 | 725544 | 7658984 | 55 | -21.1564884 | 149.171921 |
| 131309 | 1834.65039 | 724969 | 7656438 | 55 | -21.1796017 | 149.166855 |
| 30946 | 1835.40491 | 725233 | 7656113 | 55 | -21.1825962 | 149.169373 |
| 12500159 | 1836.08472 | 724863 | 7658231 | 55 | -21.1631546 | 149.165527 |
| 131308 | 1836.57153 | 724968 | 7656436 | 55 | -21.1796188 | 149.166855 |
| 131310 | 1837.65198 | 724968 | 7656434 | 55 | -21.1796341 | 149.166855 |
| 141213 | 1842.04968 | 725240 | 7658758 | 55 | -21.158617 | 149.169159 |
| 12500149 | 1854.20508 | 725611 | 7659047 | 55 | -21.1559334 | 149.17247 |
| 12500160 | 1899.58142 | 724734 | 7658091 | 55 | -21.1645451 | 149.164139 |
| 141214 | 1901.81934 | 725183 | 7658786 | 55 | -21.1583748 | 149.168625 |
| 104388 | 1902.08179 | 725345 | 7655927 | 55 | -21.184267 | 149.170532 |
| 12500277 | 1903.87964 | 725925 | 7659238 | 55 | -21.1541996 | 149.17569 |
| 12500275 | 1904.21326 | 725927 | 7659239 | 55 | -21.1541901 | 149.17572 |
| 12500276 | 1904.52161 | 725926 | 7659239 | 55 | -21.1541901 | 149.175705 |
| 12500148 | 1904.84216 | 725731 | 7659164 | 55 | -21.1548214 | 149.173584 |
| 141215 | 1913.18823 | 725217 | 7658834 | 55 | -21.1579361 | 149.168945 |
| 131335 | 1922.66394 | 724651 | 7657903 | 55 | -21.1664104 | 149.163605 |
| 12500147 | 1928.36108 | 725771 | 7659207 | 55 | -21.1542664 | 149.174133 |
| 141216 | 1930.74072 | 725294 | 7658924 | 55 | -21.1571102 | 149.169662 |
| 12500161 | 1947.70947 | 724656 | 7658012 | 55 | -21.1653786 | 149.163589 |
| 12500146 | 1953.302 | 725819 | 7659253 | 55 | -21.1539879 | 149.174423 |
| 104383 | 1965.10693 | 725173 | 7655991 | 55 | -21.183712 | 149.168869 |
| 12600195 | 1972.01624 | 724567 | 7657741 | 55 | -21.1678772 | 149.16275 |
| 12500145 | 1984.54236 | 725810 | 7659283 | 55 | -21.1537113 | 149.174423 |
| 12500143 | 1988.78357 | 725858 | 7659305 | 55 | -21.1534328 | 149.174973 |
| 131337 | 1988.8269 | 725124 | 7658850 | 55 | -21.1578064 | 149.16803 |

| RN | FACILITY TYPE | OFFICE | SHIRE_CODE | PARISH | DO_FILE | HO_FILE | FACILITY_STATUS | DRILLED_DATE | DRILLER_NAME | DRILLING_COMP | BASIN |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20045 | SF | MKY | 4770 | 2381 | MA1794 | L13119B | AD | 1/04/1955 | | | 1250 |
| 20391 | SF | MKY | 4770 | 2381 | MA0731 | L28772B | EX | 10/09/1965 | | | 1260 |
| 20401 | SF | MKY | 4770 | 2381 | MA1593 | L29014B | AD | 9/09/1965 | | | 1250 |
| 20595 | SF | MKY | 4770 | 2381 | MA0663 | L29942B | AD | 25/05/1966 | | | 1250 |
| 30946 | SF | MKY | 4770 | 2381 | MA1427 | L27685B | EX | 23/11/1970 | | | 1260 |
| 34508 | SF | MKY | 4770 | 2381 | 24-Apr | L28772B | EX | 28/08/1970 | | | 1260 |
| 37519 | SF | MKY | 4770 | 2381 | MA0665 | L39553B | EX | 19/08/1972 | | | 1260 |
| 46017 | SF | MKY | 4770 | 2381 | MA1096 | L42406B | EX | 14/10/1976 | FALTINSKY P | A.FALTINSKY | 1260 |
| 46134 | SF | MKY | 4770 | 2381 | MA1635 | L10191B | EX | 14/02/1975 | | | 1250 |
| 46411 | SF | MKY | 4770 | 2381 | MA0665 | L39553B | EX | 5/09/1977 | | | 1260 |
| 46425 | SF | MKY | 4770 | 2381 | MA0518 | L28704B | AD | 6/11/1976 | | | 1260 |
| 46451 | SF | MKY | 4770 | 2381 | 468187 | | EX | 17/09/1976 | | | 1260 |
| 46628 | SF | MKY | 4770 | 2381 | 515/001/0956 | | EX | 1/01/1978 | | | 1260 |
| 46805 | SF | MKY | 4770 | 2381 | MKY706 | | AD | | | | 1250 |
| 46807 | SF | MKY | 4770 | 2381 | MKY706 | | AD | | | | 1250 |
| 46809 | SF | MKY | 4770 | 2381 | MKY706 | | AD | | | | 1250 |
| 46810 | SF | MKY | 4770 | 2381 | MKY706 | | AD | | | | 1250 |
| 46811 | SF | MKY | 4770 | 2381 | MKY706 | | AD | | | | 1260 |
| 63000 | SF | MKY | 4770 | 2381 | MA1427 | L27685B | EX | | | | 1260 |
| 81031 | SF | MKY | 4770 | 2381 | MA3002 | | EX | 26/06/1992 | | | 1250 |
| 85030 | SF | MKY | 4770 | 2381 | MA0518 | | EX | 9/03/1987 | | | 1260 |
| 99339 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 104082 | SF | MKY | 4770 | 2381 | | | AD | 24/11/1976 | | | 1260 |
| 104083 | SF | MKY | 4770 | 2381 | | | AD | 23/11/1976 | | | 1260 |
| 104084 | SF | MKY | 4770 | 2381 | | | AD | 23/11/1976 | | | 1260 |
| 104350 | SF | MKY | 4770 | 2381 | | | AD | 13/11/1974 | | | 1260 |
| 104351 | SF | MKY | 4770 | 2381 | | | AD | 14/11/1974 | | | 1260 |
| 104352 | SF | MKY | 4770 | 2381 | | | AD | 15/11/1974 | | | 1260 |
| 104353 | SF | MKY | 4770 | 2381 | | | AD | 19/11/1974 | | | 1260 |
| 104354 | SF | MKY | 4770 | 2381 | | | AD | 20/11/1974 | | | 1260 |
| 104355 | SF | MKY | 4770 | 2381 | | | AD | 21/11/1974 | | | 1260 |
| 104356 | SF | MKY | 4770 | 2381 | | | AD | 22/11/1974 | | | 1260 |
| 104357 | SF | MKY | 4770 | 2381 | | | AD | 23/11/1974 | | | 1260 |
| 104358 | SF | MKY | 4770 | 2381 | | | AD | 23/11/1974 | | | 1260 |
| 104359 | SF | MKY | 4770 | 2381 | | | AD | 25/11/1974 | | | 1260 |
| 104375 | SF | MKY | 4770 | 2381 | | | AD | 21/10/1982 | | | 1260 |
| 104376 | SF | MKY | 4770 | 2381 | | | AD | 22/10/1982 | | | 1260 |
| 104377 | SF | MKY | 4770 | 2381 | | | AD | 26/10/1982 | | | 1260 |
| 104378 | SF | MKY | 4770 | 2381 | | | AD | 27/10/1982 | | | 1260 |
| 104379 | SF | MKY | 4770 | 2381 | | | AD | 28/10/1982 | | | 1260 |
| 104380 | SF | MKY | 4770 | 2381 | | | AD | 29/10/1982 | | | 1260 |
| 104381 | SF | MKY | 4770 | 2381 | | | AD | 3/09/1981 | | | 1260 |
| 104382 | SF | MKY | 4770 | 2381 | | | AD | 10/09/1981 | | | 1260 |
| 104383 | SF | MKY | 4770 | 2381 | | | AD | 14/09/1981 | | | 1260 |
| 104386 | SF | MKY | 4770 | 2381 | | | AD | 25/09/1981 | | | 1260 |
| 104387 | SF | MKY | 4770 | 2381 | | | AD | 29/09/1981 | | | 1260 |
| 104388 | SF | MKY | 4770 | 2381 | | | AD | 30/09/1981 | | | 1260 |
| 104389 | SF | MKY | 4770 | 2381 | | | AD | 21/10/1981 | | | 1260 |
| 105459 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 5/05/2004 | WRIGHT J | JJ & DM WRIGHT | 1260 |
| 105618 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 17/11/2004 | BERNET, EBERHARD MARION | EMA DRILLING PTY LTD | 1250 |
| 105623 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 5/09/2004 | THOMPSON, KEVIN | BACKYARD BORES | 1250 |
| 105625 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 14/10/2004 | WRIGHT, JOSEPH JAMES | | 1250 |
| 105688 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 30/06/2004 | THOMPSON, KEVIN | BACKYARD BORES | 1250 |
| 105689 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 24/04/2004 | BERNET, EBERHARD MARION | EMA DRILLING PTY LTD | 1250 |
| 105717 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 24/11/2004 | WRIGHT, JOSEPH JAMES | | 1260 |
| 105721 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 24/10/2004 | THOMPSON, KEVIN | BACKYARD BORES | 1250 |
| 105731 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 23/08/2004 | THOMPSON, KEVIN | BACKYARD BORES | 1250 |
| 105971 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 31/08/2004 | THOMPSON, KEVIN | BACKYARD BORES | 1250 |
| 105978 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 14/01/2004 | WRIGHT, JOSEPH JAMES | | 1250 |
| 105993 | SF | MKY | 4770 | 2381 | 520/000(0072 | | EX | 6/12/2004 | THOMPSON, KEVIN | BACKYARD BORES | 1250 |
| 131308 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 15/07/2005 | THOMPSON, KEVIN | BACKYARD BORES | 1260 |
| 131309 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 15/07/2005 | THOMPSON, KEVIN | BACKYARD BORES | 1260 |
| 131310 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 15/07/2005 | THOMPSON, KEVIN | BACKYARD BORES | 1260 |
| 131332 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 10/10/2005 | WRIGHT, JOSEPH JAMES | | 1250 |
| 131333 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 21/06/2005 | WRIGHT, JOSEPH JAMES | | 1250 |
| 131335 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 23/12/2004 | WRIGHT, JOSEPH JAMES | | 1250 |
| 131337 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 26/09/2005 | WRIGHT, JOSEPH JAMES | | 1250 |
| 131419 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 29/11/2005 | BERNET, EBERHARD MARION | EMA DRILLING PTY LTD | 1260 |
| 131421 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 24/11/2005 | BERNET, EBERHARD MARION | EMA DRILLING PTY LTD | 1260 |
| 131672 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 19/01/2006 | WRIGHT, JOSEPH JAMES | | 1250 |
| 131759 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 29/01/2006 | WRIGHT, JOSEPH JAMES | | 1250 |
| 131771 | SF | MKY | 4770 | 2381 | 520/0000072 | | EX | 3/09/2004 | THOMPSON, KEVIN | BACKYARD BORES | 1250 |
| 131917 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 5/04/2006 | K THOMPSON | BACKYARD BORES | 1250 |
| 131997 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 1/09/2006 | K THOMPSON | BACKYARD BORES | 1250 |
| 141066 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 25/10/2006 | E BERNET | EMA DRILLING PTY LTD | 1250 |
| 141093 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 16/12/2006 | K THOMPSON | BACKYARD BORES | 1250 |
| 141097 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 12/01/2007 | K THOMPSON | BACKYARD BORES | 1250 |
| 141211 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 7/06/2007 | THOMPSON K | BACKYARD BORES | 1250 |
| 141212 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 7/06/2007 | THOMPSON K | BACKYARD BORES | 1250 |
| 141213 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 7/06/2007 | THOMPSON K | BACKYARD BORES | 1250 |
| 141214 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 7/06/2007 | THOMPSON K | BACKYARD BORES | 1250 |
| 141215 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 7/06/2007 | THOMPSON K | BACKYARD BORES | 1250 |
| 141216 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 7/06/2007 | THOMPSON, KEVIN | BACKYARD BORES | 1250 |
| 141338 | SF | MKY | 4770 | 2381 | 520/000/0072 | | EX | 17/07/2008 | WRIGHT, JOSEPH JAMES | JJ & DM WRIGHT | 1250 |
| 141394 | SF | MKY | 4770 | 2381 | | | EX | 10/09/2008 | THOMPSON, KEVIN | BACKYARD BORES | 1260 |
| 141395 | SF | MKY | 4770 | 2381 | | | EX | 10/09/2008 | THOMPSON, KEVIN | BACKYARD BORES | 1260 |
| 141414 | SF | MKY | 4770 | 2381 | MAC/520/000(0072) | | EX | 30/07/2008 | THOMPSON, KEVIN | BACKYARD BORES | 1260 |
| 141789 | SF | MKY | 4770 | 2381 | MAC/520/000(0072) | | EX | 18/08/2006 | THOMPSON, KEVIN | BACKYARD BORES | 1250 |
| 12500143 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500145 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500146 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500147 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
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| 12500149 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500150 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500151 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |

| RN | FACILITY TYPE | OFFICE | SHIRE_CODE | PARISH | DO_FILE | HO_FILE | FACILITY_STATUS | DRILLED_DATE | DRILLER_NAME | DRILLING_COMP | BASIN |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12500152 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500153 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500154 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500155 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500156 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500157 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500158 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500159 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500160 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500161 | SF | MKY | 4770 | 2381 | | | AD | | | | 1250 |
| 12500275 | SF | MKY | 4770 | 2381 | MAC/520/000(0072) | | EX | 16/10/2011 | MATT, WILLIAM JOHARN | DNR-DERM | 1250 |
| 12500276 | SF | MKY | 4770 | 2381 | MAC/520/000(0072) | | EX | 16/10/2011 | MATT, WILLIAM JOHARN | DNR | 1250 |
| 12500277 | SF | MKY | 4770 | 2381 | MAC/520/000(0072) | | EX | 16/10/2011 | MATT, WILLIAM JOHARN | DNR | 1250 |
| 12600077 | SF | MKY | 4770 | 2381 | MKY721 | | EX | 1/01/1968 | | | 1260 |
| 12600078 | SF | MKY | 4770 | 2381 | MKY721 | | AD | 31/12/1968 | | | 1260 |
| 12600079 | SF | MKY | 4770 | 2381 | MKY721 | | AD | 1/01/1968 | | | 1260 |
| 12600080 | SF | MKY | 4770 | 2381 | MKY721 | | AD | 1/01/1968 | | | 1260 |
| 12600081 | SF | MKY | 4770 | 2381 | MKY721 | | AD | 1/01/1968 | | | 1260 |
| 12600082 | SF | MKY | 4770 | 2381 | MKY721 | | EX | 20/04/1967 | | | 1250 |
| 12600083 | SF | MKY | 4770 | 2381 | MKY721 | | EX | 1/01/1968 | | | 1250 |
| 12600084 | SF | MKY | 4770 | 2381 | MKY721 | | EX | 1/01/1968 | | | 1250 |
| 12600195 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 12600196 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 12600197 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 12600198 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 12600199 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 12600200 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 12600201 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 12600202 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 12600203 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 12600204 | SF | MKY | 4770 | 2381 | | | AD | | | | 1260 |
| 12600353 | SF | MKY | 4770 | 2381 | | | EX | 4/08/1975 | | | 1250 |
| 12600354 | SF | MKY | 4770 | 2381 | | | AD | 29/06/1975 | | | 1260 |
| 12600355 | SF | MKY | 4770 | 2381 | | | EX | 1/01/1975 | | | 1260 |
| 12600407 | SF | MKY | 4770 | 2381 | | | EX | | | | 1260 |
| 12600551 | SF | MKY | 4770 | 2381 | 520/000(0011 | | EX | 28/04/2004 | BERNET B | EMA DRILLING | 1260 |
| 12600552 | SF | MKY | 4770 | 2381 | 520/000(0011 | | EX | 4/05/2004 | BERNET B | EMA DRILLING | 1260 |
| 12600553 | SF | MKY | 4770 | 2381 | 520/000(0011 | | EX | 2/05/2004 | BERNET B | EMA DRILLING | 1260 |
| 12600554 | SF | MKY | 4770 | 2381 | 520/000(0011 | | EX | 3/05/2004 | BERNET B | EMA DRILLING | 1260 |
| 12600555 | SF | MKY | 4770 | 2381 | 520/000(0011 | | EX | 28/04/2004 | BERNET B | EMA DRILLING | 1260 |
| 12600556 | SF | MKY | 4770 | 2381 | 520/000(0011 | | EX | 30/04/2004 | BERNET B | EMA DRILLING | 1260 |
| 12600595 | SF | MKY | 4770 | 2381 | MAC/520/000(0072 | | EX | 27/10/2011 | MATT, WILLIAM JOHARN | DNR DERM | 1250 |
| 12600596 | SF | MKY | 4770 | 2381 | MAC/520/000(0072) | | EX | 27/10/2011 | MATT, WILLIAM JOHARN | DNR-DERM | 1250 |
| 12600597 | SF | MKY | 4770 | 2381 | MAC/520/000(0072) | | EX | 28/10/2011 | MATT, WILLIAM JOHARN | DNR-DERM | 1250 |

| RN | METHOD_CONST | SUB_AREA | LOT | PLAN | DESCRIPTION | COUNTY | LAT | LNG | EASTING | NORTHING | ZONE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20045 | | PBN | 97 | RP740189 | R2 S1 & S2 P96 | CARLISLE | 21/09/1954 | 149-09-58 | 724909 | 7658044 | 55 |
| 20391 | PICK AND SHOVEL | PBS | 3 | SP156139 | L3 RP28108 | CARLISLE | 21/11/2010 | 149-11-01 | 726698 | 7655682 | 55 |
| 20401 | PERCUSSION DRILLER - UNKNOWN | PBN | 13 | RP800782 | R2 S4 P153 | CARLISLE | 21/09/1941 | 149-10-36 | 725998 | 7658444 | 55 |
| 20595 | CABLE TOOL/ PERCUSSION HAMMER | PBN | 2 | RP842090 | S2 R2 S2 & R1 S2 P161 | CARLISLE | 21/10/2000 | 149-10-32 | 725890 | 7657851 | 55 |
| 30946 | | PBS | 5 | SP199187 | L2 RP32682 | CARLISLE | 21/10/1957 | 149-10-10 | 725233 | 7656113 | 55 |
| 34508 | CABLE TOOL/ PERCUSSION HAMMER | PBS | 3 | SP156139 | L5 RP23311 | CARLISLE | 21/10/1951 | 149-10-54 | 726489 | 7656272 | 55 |
| 37519 | PERCUSSION HAMMER - J MICHELM | PBS | 4 | RP858331 | L1 RP707612 | CARLISLE | 21/10/1954 | 149-10-41 | 726128 | 7656193 | 55 |
| 46017 | PERCUSSION HAMMER | PBS | 2 | RP837395 | L2 RP27575 | CARLISLE | 21/10/1950 | 149-10-26 | 725708 | 7656323 | 55 |
| 46134 | ROTARY RIG - N BLIESNER | PBN | 2 | RP723596 | L2 RP723596 | CARLISLE | 21/09/1932 | 149-11-13 | 727088 | 7658688 | 55 |
| 46411 | PERCUSSION HAMMER - W HOWLAN | PBS | 1 | RP740144 | L237 PLAN K1241 | CARLISLE | 21/10/1934 | 149-10-16 | 725415 | 7656818 | 55 |
| 46425 | PERCUSSION HAMMER / P FALTINSK | PBS | 234 | RP900238 | L1 RP32033 | CARLISLE | 21/10/2021 | 149-10-01 | 724978 | 7657208 | 55 |
| 46451 | PERCUSSION HAMMER / P FALTINSK | PBS | 2 | RP718493 | S2 R2 S2 P314 & 315 | CARLISLE | 21/11/2009 | 149-10-34 | 725915 | 7655725 | 55 |
| 46628 | ROTARY RIG | PBS | 1 | RP909285 | L1 RP30300 | CARLISLE | 21/10/1939 | 149-10-20 | 725526 | 7656652 | 55 |
| 46805 | | PBN | 443 | RP724222 | 344 | CARLISLE | 21/10/2022 | 149-11-13 | 727061 | 7657154 | 55 |
| 46807 | | PBN | 405 | CP842088 | 405 | CARLISLE | 21/10/2002 | 149-10-58 | 726636 | 7657776 | 55 |
| 46809 | | PBN | 2 | RP842090 | ROAD RESERVE | CARLISLE | 21/10/2006 | 149-10-28 | 725770 | 7657664 | 55 |
| 46810 | | PBS | 4 | RP858331 | 313 | CARLISLE | 21/10/1941 | 149-10-45 | 726242 | 7656585 | 55 |
| 46811 | | PBS | 2 | RP837395 | 312 | CARLISLE | 21/10/1940 | 149-10-25 | 725673 | 7656630 | 55 |
| 63000 | PERCUSSION HAMMER / W HOWLAND | PBS | 7 | SP214502 | L2 RP32682 | CARLISLE | 21/10/1938 | 149-10-08 | 725189 | 7656678 | 55 |
| 81031 | PERCUSSION DRILLER E M BERNET | PBN | 91 | CI3330 | RESERVE 707 & L91 PLAN CI3330 | CARLISLE | 21/09/2026 | 149-10-24 | 725689 | 7658917 | 55 |
| 85030 | PERCUSSION HAMMER / W HOWLAND | PBS | 228 | K1241 | L1 RP32033 | CARLISLE | 21/10/2019 | 149-10-01 | 724986 | 7657269 | 55 |
| 99339 | | PBS | 1 | RP723311 | | CARLISLE | 21/10/1954 | 149-11-23 | 727348 | 7656151 | 55 |
| 104082 | | PBS | | | | | 21/10/1935 | 149-10-20 | 725530 | 7656786 | 55 |
| 104083 | | PBS | | | | | 21/10/1934 | 149-10-20 | 725531 | 7656817 | 55 |
| 104084 | | PBS | | | | | 21/10/1933 | 149-10-20 | 725531 | 7656847 | 55 |
| 104350 | | PBS | | | | | 21/10/1946 | 149-10-28 | 725757 | 7656444 | 55 |
| 104351 | | PBS | | | | | 21/10/1950 | 149-10-28 | 725755 | 7656321 | 55 |
| 104352 | | PBS | | | | | 21/10/1946 | 149-10-25 | 725670 | 7656445 | 55 |
| 104353 | | PBS | | | | | 21/10/1940 | 149-10-24 | 725644 | 7656630 | 55 |
| 104354 | | PBS | | | | | 21/10/1943 | 149-10-26 | 725700 | 7656537 | 55 |
| 104355 | | PBS | | | | | 21/10/1942 | 149-10-26 | 725701 | 7656568 | 55 |
| 104356 | | PBS | | | | | 21/10/1941 | 149-10-34 | 725932 | 7656596 | 55 |
| 104357 | | PBS | | | | | 21/10/1949 | 149-10-25 | 725669 | 7656353 | 55 |
| 104358 | | BSY | | | | | 21/10/1949 | 149-10-30 | 725813 | 7656351 | 55 |
| 104359 | | BSY | | | | | 21/10/1941 | 149-10-26 | 725701 | 7656599 | 55 |
| 104375 | | PBS | | | | | 21/10/1941 | 149-10-08 | 725182 | 7656606 | 55 |
| 104376 | | PBS | | | | | 21/10/1942 | 149-10-17 | 725441 | 7656572 | 55 |
| 104377 | | PBS | | | | | 21/10/1941 | 149-10-18 | 725470 | 7656602 | 55 |
| 104378 | | PBS | | | | | 21/10/1940 | 149-10-08 | 725182 | 7656637 | 55 |
| 104379 | | PBS | | | | | 21/10/1939 | 149-10-08 | 725182 | 7656668 | 55 |
| 104380 | | PBS | | | | | 21/10/1937 | 149-10-09 | 725212 | 7656729 | 55 |
| 104381 | | PBS | | | | | 21/10/1953 | 149-10-07 | 725148 | 7656237 | 55 |
| 104382 | | BSY | | | | | 21/10/1948 | 149-10-08 | 725179 | 7656391 | 55 |
| 104383 | | PBS | | | | | 21/11/2001 | 149-10-08 | 725173 | 7655991 | 55 |
| 104386 | | PBS | | | | | 21/10/1958 | 149-10-16 | 725405 | 7656080 | 55 |
| 104387 | | PBS | | | | | 21/10/1954 | 149-10-15 | 725378 | 7656203 | 55 |
| 104388 | | PBS | | | | | 21/11/2003 | 149-10-14 | 725345 | 7655927 | 55 |
| 104389 | | PBS | | | | | 21/10/1945 | 149-10-17 | 725440 | 7656479 | 55 |
| 105459 | AUGER | PBS | 2 | RP718493 | | CARLISLE | 21/11/2001 | 149-10-27 | 725721 | 7655983 | 55 |
| 105618 | CABLE TOOL | | 9 | RP706930 | | CARLISLE | 21/09/2024 | 149-10-56 | 726603 | 7658958 | 55 |
| 105623 | AUGER | | 70 | RP728853 | | CARLISLE | 21/09/1944 | 149-10-13 | 725360 | 7658351 | 55 |
| 105625 | AUGER | | 3 | RP718962 | | CARLISLE | 21/10/2003 | 149-11-30 | 727555 | 7657737 | 55 |
| 105688 | AUGER | | 7 | RP723008 | | CARLISLE | 21/09/2024 | 149-10-28 | 725800 | 7658970 | 55 |
| 105689 | CABLE TOOL | | 27 | RP715394 | | CARLISLE | 21/09/2019 | 149-10-48 | 726379 | 7659128 | 55 |
| 105717 | AUGER | | 7 | RP718400 | | CARLISLE | 21/09/1959 | 149-10-26 | 725728 | 7657878 | 55 |
| 105721 | HOUSE BORE | | 2 | RP725680 | | CARLISLE | 21/09/1940 | 149-10-06 | 725155 | 7658481 | 55 |
| 105731 | AUGER | | 76 | RP728853 | | CARLISLE | 21/09/1941 | 149-10-16 | 725447 | 7658455 | 55 |
| 105971 | AUGER | | 2 | RP749011 | | CARLISLE | 21/09/2023 | 149-10-27 | 725754 | 7659005 | 55 |
| 105978 | AUGER | | 3 | GTP70389 | | CARLISLE | 21/09/2028 | 149-10-36 | 726013 | 7658849 | 55 |
| 105993 | AUGER | | 37 | RP726638 | | CARLISLE | 21-96-26 | 149-10-12 | 725322 | 7658525 | 55 |
| 131308 | AUGER | | 16 | RP735536 | | CARLISLE | 21/10/1947 | 149-10-01 | 724968 | 7656436 | 55 |
| 131309 | AUGER | | 16 | RP735536 | | CARLISLE | 21/10/1947 | 149-10-01 | 724969 | 7656438 | 55 |
| 131310 | AUGER | | 16 | RP735536 | | CARLISLE | 21/10/1947 | 149-10-01 | 724968 | 7656434 | 55 |
| 131332 | AUGER | | 25 | RP717445 | | CARLISLE | 21/09/2029 | 149-10-49 | 726382 | 7658816 | 55 |
| 131333 | AUGER | | 11 | RP728812 | | CARLISLE | 21/09/1949 | 149-11-15 | 727144 | 7658173 | 55 |
| 131335 | AUGER | | 46 | RP895271 | | CARLISLE | 21/09/1959 | 149-09-49 | 724651 | 7657903 | 55 |
| 131337 | AUGER | | 48 | RP714990 | | CARLISLE | 21/09/2028 | 149-10-05 | 725124 | 7658850 | 55 |
| 131419 | CABLE TOOL | | 10 | RP728833 | | CARLISLE | 21/09/1954 | 149-10-23 | 725639 | 7658034 | 55 |
| 131421 | CABLE TOOL | | 27 | RP720188 | | CARLISLE | 21/09/1955 | 149-10-23 | 725638 | 7658003 | 55 |
| 131672 | AUGER | | 43 | RP715394 | | CARLISLE | 21/09/2017 | 149-10-37 | 726065 | 7659166 | 55 |
| 131759 | AUGER | | 1 | RP742172 | | CARLISLE | 21/09/1944 | 149-10-02 | 725038 | 7658362 | 55 |
| 131771 | AUGER | | 62 | RP726638 | | CARLISLE | 21/09/1943 | 149-10-12 | 725320 | 7658381 | 55 |
| 131917 | AUGER | | 16 | RP727939 | | CARLISLE | 21/09/1935 | 149-10-40 | 726147 | 7658625 | 55 |
| 131997 | AUGER | | 31 | RP726638 | | CARLISLE | 21/09/1935 | 149-10-15 | 725402 | 7658633 | 55 |
| 141066 | CABLE TOOL | | 27 | RP715394 | | CARLISLE | 21/09/2018 | 149-10-48 | 726384 | 7659149 | 55 |
| 141093 | AUGER | | 4 | RP725680 | | CARLISLE | 21/09/1941 | 149-10-05 | 725106 | 7658439 | 55 |
| 141097 | AUGER | | 8 | RP725681 | | CARLISLE | 21/09/1947 | 149-10-26 | 725711 | 7658251 | 55 |
| 141211 | AUGER | | 1 | SP139604 | | CARLISLE | 21/09/2028 | 149-10-13 | 725348 | 7658841 | 55 |
| 141212 | AUGER | | 1 | SP139604 | | CARLISLE | 21/09/1930 | 149-10-11 | 725289 | 7658776 | 55 |
| 141213 | AUGER | | 1 | SP139604 | | CARLISLE | 21/09/1931 | 149-10-09 | 725240 | 7658758 | 55 |
| 141214 | AUGERS | | 1 | SP139604 | | CARLISLE | 21/09/1930 | 149-10-07 | 725183 | 7658786 | 55 |
| 141215 | AUGER | | 1 | SP139604 | | CARLISLE | 21/09/2029 | 149-10-08 | 725217 | 7658834 | 55 |
| 141216 | AUGER | | 1 | SP139604 | | CARLISLE | 21/09/2026 | 149-10-11 | 725294 | 7658924 | 55 |
| 141338 | AUGER | | 22 | RP720256 | | CARLISLE | 21/09/2029 | 149-11-20 | 727288 | 7658777 | 55 |
| 141394 | AUGER | | 0 | GTP105948 | | CARLISLE | 21/10/1948 | 149-11-37 | 727733 | 7656368 | 55 |
| 141395 | AUGER | | 0 | GTP105948 | | CARLISLE | 21/10/1947 | 149-11-37 | 727742 | 7656389 | 55 |
| 141414 | AUGER | | 405 | CP842088 | | CARLISLE | 21/10/1942 | 149-11-03 | 726770 | 7656556 | 55 |
| 141789 | AUGER | | 12 | RP732447 | | CARLISLE | 21/09/1947 | 149-10-19 | 725520 | 7658275 | 55 |
| 12500143 | HAND AUGER | PBN | | | | CARLISLE | 21/09/2012 | 149-10-30 | 725858 | 7659305 | 55 |
| 12500145 | | PBN | | | | CARLISLE | 21/09/2013 | 149-10-28 | 725810 | 7659283 | 55 |
| 12500146 | HAND AUGER | PBN | | | | CARLISLE | 21/09/2014 | 149-10-28 | 725819 | 7659253 | 55 |
| 12500147 | HAND AUGER | PBN | | | | CARLISLE | 21/09/2015 | 149-10-27 | 725771 | 7659207 | 55 |
| 12500148 | HAND AUGER | PBN | | | | CARLISLE | 21/09/2017 | 149-10-25 | 725731 | 7659164 | 55 |
| 12500149 | HAND AUGER | PBN | | | | CARLISLE | 21/09/2021 | 149-10-21 | 725611 | 7659047 | 55 |
| 12500150 | HAND AUGER | CRN | | | | CARLISLE | 21/09/2023 | 149-10-19 | 725544 | 7658984 | 55 |
| 12500151 | HAND AUGER | PBN | | | | CARLISLE | 21/09/2025 | 149-10-17 | 725484 | 7658916 | 55 |

| RN | METHOD_CONST | SUB_AREA | LOT | PLAN | DESCRIPTION | COUNTY | LAT | LNG | EASTING | NORTHING | ZONE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12500152 | HAND AUGER | CRN | | | | CARLISLE | 21/09/2027 | 149-10-15 | 725420 | 7658837 | 55 |
| 12500153 | HAND AUGER | PBN | | | | CARLISLE | 21/09/1930 | 149-10-12 | 725329 | 7658747 | 55 |
| 12500154 | HAND AUGER | PBN | | | | CARLISLE | 21/09/1930 | 149-10-12 | 725326 | 7658747 | 55 |
| 12500155 | HAND AUGER | CRN | | | | CARLISLE | 21/09/1933 | 149-10-09 | 725252 | 7658659 | 55 |
| 12500156 | HAND AUGER | PBN | | | | CARLISLE | 21/09/1936 | 149-10-07 | 725177 | 7658587 | 55 |
| 12500157 | HAND AUGER | PBN | | | | CARLISLE | 21/09/1939 | 149-10-04 | 725107 | 7658498 | 55 |
| 12500158 | HAND AUGER | PBN | | | | CARLISLE | 21/09/1942 | 149-10-01 | 725007 | 7658403 | 55 |
| 12500159 | HAND AUGER | PBN | | | | CARLISLE | 21/09/1947 | 149-09-56 | 724863 | 7658231 | 55 |
| 12500160 | HAND AUGER | PBN | | | | CARLISLE | 21/09/1952 | 149-09-51 | 724734 | 7658091 | 55 |
| 12500161 | HAND AUGER | PBN | | | | CARLISLE | 21/09/1955 | 149-09-49 | 724656 | 7658012 | 55 |
| 12500275 | ROTARY MUD | | | | SWI-8 PENN ST | CARLISLE | 21/09/2015 | 149-10-33 | 725927 | 7659239 | 55 |
| 12500276 | ROTARY MUD | | | | SWI-08 PENN ST | CARLISLE | 21/09/2015 | 149-10-33 | 725926 | 7659239 | 55 |
| 12500277 | ROTARY MUD | | | | SWI-08 PENN ST | CARLISLE | 21/09/2015 | 149-10-33 | 725925 | 7659238 | 55 |
| 12600077 | CABLE TOOL/ PERCUSSION HAMMER | PBS | 4 | RP903214 | | CARLISLE | 21/10/1948 | 149-10-20 | 725525 | 7656386 | 55 |
| 12600078 | CABLE TOOL/ PERCUSSION HAMMER | PBS | | | | CARLISLE | 21/10/1943 | 149-11-04 | 726800 | 7656498 | 55 |
| 12600079 | CABLE TOOL/ PERCUSSION HAMMER | PBS | | | | CARLISLE | 21/10/1943 | 149-11-04 | 726800 | 7656497 | 55 |
| 12600080 | CABLE TOOL/ PERCUSSION HAMMER | PBN | | | | CARLISLE | 21/10/1943 | 149-11-04 | 726800 | 7656505 | 55 |
| 12600081 | CABLE TOOL/ PERCUSSION HAMMER | PBN | | | | CARLISLE | 21/10/1943 | 149-11-04 | 726800 | 7656501 | 55 |
| 12600082 | CABLE TOOL/ PERCUSSION HAMMER | PBN | | | | CARLISLE | 21/09/1945 | 149-10-58 | 726648 | 7658309 | 55 |
| 12600083 | CABLE TOOL/ PERCUSSION HAMMER | PBN | | | | CARLISLE | 21/09/1945 | 149-10-58 | 726648 | 7658309 | 55 |
| 12600084 | CABLE TOOL/ PERCUSSION HAMMER | PBN | | | | CARLISLE | 21/09/1945 | 149-10-59 | 726677 | 7658308 | 55 |
| 12600195 | ROTARY RIG | PBN | | | | CARLISLE | 21/10/2004 | 149-09-46 | 724567 | 7657741 | 55 |
| 12600196 | ROTARY RIG | PBN | | | | CARLISLE | 21/10/2006 | 149-10-01 | 725014 | 7657657 | 55 |
| 12600197 | | PBN | | | | CARLISLE | 21/10/2008 | 149-10-15 | 725415 | 7657584 | 55 |
| 12600198 | ROTARY RIG | PBN | | | | CARLISLE | 21/10/2012 | 149-10-25 | 725703 | 7657461 | 55 |
| 12600199 | ROTARY RIG | PBS | | | | CARLISLE | 21/10/2026 | 149-10-23 | 725631 | 7657033 | 55 |
| 12600200 | ROTARY RIG | PBS | | | | CARLISLE | 21/10/1937 | 149-10-23 | 725639 | 7656696 | 55 |
| 12600201 | ROTARY RIG | PBS | | | | CARLISLE | 21/10/1938 | 149-10-34 | 725944 | 7656651 | 55 |
| 12600202 | ROTARY RIG | PBS | | | | CARLISLE | 21/10/1940 | 149-10-52 | 726459 | 7656581 | 55 |
| 12600203 | CABLE TOOL/PERCUSSION HAMMER | PBS | | | | CARLISLE | 21/10/1941 | 149-10-58 | 726640 | 7656554 | 55 |
| 12600204 | ROTARY RIG | PBS | | | | CARLISLE | 21/10/1942 | 149-11-04 | 726794 | 7656529 | 55 |
| 12600353 | ROTARY RIG | PBN | 558 | SP154088 | | CARLISLE | 21/10/2007 | 149-11-41 | 727879 | 7657615 | 55 |
| 12600354 | | PBN | | | | CARLISLE | 21/10/1941 | 149-11-05 | 726824 | 7656555 | 55 |
| 12600355 | ROTARY RIG | PBS | | | | CARLISLE | 21/10/1955 | 149-10-20 | 725522 | 7656171 | 55 |
| 12600407 | | PBS | | | | CARLISLE | 21/10/1938 | 149-10-21 | 725569 | 7656670 | 55 |
| 12600551 | CABLE TOOL | | 447 | SP154088 | | CARLISLE | 21/10/2014 | 149-11-44 | 727963 | 7657398 | 55 |
| 12600552 | CABLE TOOL | | 447 | SP154088 | | CARLISLE | 21/10/2014 | 149-11-44 | 727963 | 7657398 | 55 |
| 12600553 | CABLE TOOL | | 447 | SP154088 | | CARLISLE | 21/10/2014 | 149-11-42 | 727905 | 7657399 | 55 |
| 12600554 | CABLE TOOL | | 447 | SP154088 | | CARLISLE | 21/10/2014 | 149-11-42 | 727905 | 7657399 | 55 |
| 12600555 | CABLE TOOL | | 447 | SP154088 | | CARLISLE | 21/10/2013 | 149-11-41 | 727877 | 7657430 | 55 |
| 12600556 | CABLE TOOL | | 447 | SP154088 | | CARLISLE | 21/10/2013 | 149-11-41 | 727877 | 7657430 | 55 |
| 12600595 | ROTARY MUD | | | | REPL-02 | CARLISLE | 21/09/1945 | 149-10-58 | 726661 | 7658319 | 55 |
| 12600596 | ROTARY MUD | | | | REPL-02 | CARLISLE | 21/09/1945 | 149-10-58 | 726662 | 7658320 | 55 |
| 12600597 | ROTARY MUD | | | | REPL-02 | CARLISLE | 21/09/1945 | 149-10-59 | 726663 | 7658321 | 55 |

| RN | ACCURACY | GIS_LAT | GIS_LNG | CHECKED | MAP_SCALE | MAP_SERIES | MAP_NO | EQUIPMENT | ORIG_NAME_NO | DATA_OWNER | BORE LINE CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20045 | SKET | -21.16510512 | 149.166077 | Y | 253 | M | 8755-42 | NE | | | |
| 20391 | SKET | -21.1862098 | 149.1836048 | Y | 253 | M | 8755-42 | WA | | | |
| 20401 | SKET | -21.16135663 | 149.1765035 | Y | 253 | M | 8755-42 | NE | | | |
| 20595 | SKET | -21.16672964 | 149.1755428 | Y | 253 | M | 8755-42 | NE | | | |
| 30946 | GPS | -21.1825955 | 149.1693797 | Y | 253 | M | 8755-42 | TE | | | |
| 34508 | GPS | -21.1809125 | 149.1815216 | Y | 253 | M | 8755-42 | CL | | | |
| 37519 | GPS | -21.18157135 | 149.1781183 | Y | 253 | M | 8755-42 | TE | | | |
| 46017 | GPS | -21.18054374 | 149.1739905 | Y | 253 | M | 8755-42 | TE | | | |
| 46134 | GPS | -21.15902295 | 149.1869694 | Y | 253 | M | 8755-42 | CL | | | |
| 46411 | GPS | -21.17624404 | 149.1709997 | Y | 253 | M | 8755-42 | TE | | | |
| 46425 | SKET | -21.17264311 | 149.1668493 | Y | 253 | M | 8755-42 | NE | | | |
| 46451 | SKET | -21.18591492 | 149.1760641 | Y | 253 | M | 8755-42 | CL | | | |
| 46628 | SKET | -21.17759476 | 149.1721988 | Y | 253 | M | 8755-42 | TE | | | |
| 46805 | SKET | -21.17287184 | 149.186906 | Y | 253 | M | 8755-42 | NE | MACKAY C/C - O/LIC | | |
| 46807 | SKET | -21.16731148 | 149.1827358 | Y | 253 | M | 8755-42 | NE | TRANSPORT - O/LIC | | |
| 46809 | SKET | -21.16842865 | 149.1744174 | Y | 253 | M | 8755-42 | NE | MACKAY C/C - O/LIC | | |
| 46810 | SKET | -21.1781134 | 149.1791024 | Y | 253 | M | 8755-42 | NE | MCKENZIE - O/LIC | | |
| 46811 | SKET | -21.17795815 | 149.1735732 | Y | 253 | M | 8755-42 | NE | MCKENZIE - O/LIC | | |
| 63000 | GPS | -21.1774083 | 149.1689493 | Y | 253 | M | 8755-42 | TE | | | |
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| 104082 | | -21.17648882 | 149.1721951 | N | | | | | 46411 | | |
| 104083 | | -21.17621104 | 149.1721951 | N | | | | | 46411-02 | | |
| 104084 | | -21.17593326 | 149.1721951 | N | | | | | 46411-01 | | |
| 104350 | | -21.17954435 | 149.1744173 | N | | | | | 46017-01 | | |
| 104351 | | -21.18065546 | 149.1744173 | N | | | | | 46017-02 | | |
| 104352 | | -21.17954435 | 149.173584 | N | | | | | 46017-03 | | |
| 104353 | | -21.17787769 | 149.1733062 | N | | | | | 46017-04 | | |
| 104354 | | -21.17871102 | 149.1738618 | N | | | | | 46017-05 | | |
| 104355 | | -21.17843324 | 149.1738618 | N | | | | | 46017-06 | | |
| 104356 | | -21.17815544 | 149.1760839 | N | | | | | 46017-07 | | |
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| 104359 | | -21.17815546 | 149.1738618 | N | | | | | 46017-10 | | |
| 104375 | | -21.1781555 | 149.1688619 | N | | | | | 63000-01 | | |
| 104376 | | -21.17843326 | 149.1713618 | N | | | | | 63000-02 | | |
| 104377 | | -21.17815548 | 149.1716396 | N | | | | | 63000-04 | | |
| 104378 | | -21.17787772 | 149.1688619 | N | | | | | 63000-04 | | |
| 104379 | | -21.17759996 | 149.1688619 | N | | | | | 63000-05 | | |
| 104380 | | -21.17704439 | 149.1691397 | N | | | | | 63000-06 | | |
| 104381 | | -21.18148884 | 149.1685841 | N | | | | | 63000-11 | | |
| 104382 | | -21.18009995 | 149.1688619 | N | | | | | 63000-12 | | |
| 104383 | | -21.18371106 | 149.1688619 | N | | | | | 63000-13 | | |
| 104386 | | -21.1828777 | 149.1710841 | N | | | | | 63000-17 | | |
| 104387 | | -21.1817666 | 149.1708063 | N | | | | | 63000-18 | | |
| 104388 | | -21.1842666 | 149.1705285 | N | | | | | 63000-19 | | |
| 104389 | | -21.17926659 | 149.1713618 | N | | | | | 63000-20 | | |
| 105459 | GPS | -21.18359251 | 149.1742909 | Y | 104 | M | 8755 | | STOCK WATER | DNR | |
| 105618 | GPS | -21.15664298 | 149.1822638 | Y | | | | | | | |
| 105623 | GPS | -21.16227867 | 149.1703779 | Y | 104 | M | 8755 | | | | |
| 105625 | GPS | -21.1675512 | 149.1915827 | Y | 104 | M | 8755 | | | | |
| 105688 | SKET | -21.15663884 | 149.1745286 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 105689 | SKET | -21.15513945 | 149.1800844 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 105717 | SKET | -21.16650358 | 149.1739788 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 105721 | SKET | -21.16112836 | 149.1683809 | Y | 104 | M | 8755 | | | | |
| 105731 | SKET | -21.1613303 | 149.1711978 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 105971 | SKET | -21.15632247 | 149.1740799 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 105978 | SKET | -21.15770291 | 149.176596 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 105993 | SKET | -21.1607158 | 149.1699903 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 131308 | GPS | -21.1796184 | 149.1668505 | Y | 104 | M | 8755 | | MONOTORING FUEL SPILL | | |
| 131309 | GPS | -21.1796025 | 149.1668624 | Y | 104 | M | 8755 | | MONOTORING FUEL SPILL | | |
| 131310 | GPS | -21.1796343 | 149.1668545 | Y | 104 | M | 8755 | | MONOTORING FUEL SPILL | | |
| 131332 | SKET | -21.1579509 | 149.1801547 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 131333 | GPS | -21.1636629 | 149.1875752 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 131335 | SKET | -21.1664104 | 149.1636095 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 131337 | SKET | -21.1578063 | 149.1680369 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 131419 | GPS | -21.1651042 | 149.1730995 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 131421 | GPS | -21.1653863 | 149.1731022 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 131672 | GPS | -21.1548336 | 149.177056 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 131759 | GPS | -21.1622221 | 149.1672776 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 131771 | SKET | -21.1620092 | 149.1699908 | Y | 104 | M | 8755 | | HOUSE BORE | | |
| 131917 | GPS | -21.1597058 | 149.177912 | Y | | | 8755 | | | | |
| 131997 | GPS | -21.1597301 | 149.1707387 | Y | | | 8755 | | | | |
| 141066 | GPS | -21.1549497 | 149.1801291 | Y | | | 8755 | | | | |
| 141093 | GPS | -21.1615118 | 149.1679194 | Y | | | 8755 | | | | |
| 141097 | GPS | -21.1631358 | 149.1737648 | Y | | | 8755 | | | | |
| 141211 | SKET | -21.1578557 | 149.1701968 | Y | 254 | | SF55-08 | | NUMBER 1 MONTORING | DNR | |
| 141212 | SKET | -21.1584494 | 149.169636 | Y | 254 | | SF55-08 | | NUMBER 2 MONITORING | DNR | |
| 141213 | SKET | -21.1586171 | 149.1691633 | Y | 254 | | SF55-08 | | NUMBER 3 MONITORING | DNR | |
| 141214 | SKET | -21.1583752 | 149.168619 | Y | 254 | | SF55-08 | | NUMBER 4 MONITORING | DNR | |
| 141215 | SKET | -21.1579354 | 149.1689379 | Y | 254 | | SF55-08 | | NUMBER 5 MONITORING | DNR | |
| 141216 | | -21.1571099 | 149.1696617 | Y | 254 | | SF55-08 | | MONITORING NO 6 | DNR | |
| 141338 | | -21.1581885 | 149.1888798 | Y | 104 | | 8755 | | BACKYARD BORE | DNR | |
| 141394 | | -21.17989096 | 149.1934826 | Y | | | | | MONITORING BORE 1 | DNR | |
| 141395 | | -21.17969807 | 149.193566 | Y | | | | | MONITORING BORE 2 | DNR | |
| 141414 | | -21.17830789 | 149.1841893 | Y | | | | | MONITORING WELL 1 | DNR | |
| 141789 | SKET | -21.16294238 | 149.1719297 | Y | | | | | | DNR | |
| 12500143 | | -21.15343325 | 149.1749727 | N | | | K249960 | NE | B10L23 | DNR | PIS |
| 12500145 | | -21.15371104 | 149.1744171 | N | | | V 42625 | | B23L23W | DNR | PIS |
| 12500146 | | -21.15398882 | 149.1744171 | N | | | K249960 | NE | B9L23 | DNR | PIS |
| 12500147 | | -21.15426659 | 149.1741394 | N | | | K249960 | NE | B8L23 | DNR | PIS |
| 12500148 | | -21.15482216 | 149.1735838 | N | | | K249960 | NE | B7L23 | DNR | PIS |
| 12500149 | | -21.15593327 | 149.1724727 | N | | | K249960 | NE | B6L23 | DNR | PIS |
| 12500150 | | -21.15648884 | 149.1719172 | N | | | K249960 | NE | B5L23 | DNR | PIS |
| 12500151 | | -21.15704439 | 149.1713617 | N | | | K249960 | NE | B4L23 | DNR | PIS |

| RN | ACCURACY | GIS_LAT | GIS_LNG | CHECKED | MAP_SCALE | MAP_SERIES | MAP_NO | EQUIPMENT | ORIG_NAME_NO | DATA_OWNER | BORE LINE CODE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12500152 | | -21.15759996 | 149.1708061 | N | | | K249960 | NE | B3L23 | DNR | PIS |
| 12500153 | | -21.15843329 | 149.1699728 | N | | N | K249960 | NE | B2AL23 | DNR | PIS |
| 12500154 | | -21.15843329 | 149.1699728 | N | | | K249960 | NE | B2L23 | DNR | PIS |
| 12500155 | | -21.15926663 | 149.1691395 | N | | | K249960 | NE | B1L23 | DNR | PIS |
| 12500156 | | -21.16009997 | 149.1685839 | N | | | K249960 | NE | B26L23 | DNR | PIS |
| 12500157 | | -21.16093331 | 149.1677507 | N | | | K249960 | NE | B27L23 | DNR | PIS |
| 12500158 | | -21.16176665 | 149.1669173 | N | | | K249960 | NE | B28L23 | DNR | PIS |
| 12500159 | | -21.16315555 | 149.1655284 | N | | | K249960 | NE | B29L23 | DNR | PIS |
| 12500160 | | -21.16454445 | 149.1641396 | N | | | K249960 | NE | B30L23 | DNR | PIS |
| 12500161 | | -21.16537778 | 149.1635841 | N | | | K249960 | NE | B31L23 | DNR | PIS |
| 12500275 | GPS | -21.15419028 | 149.1757163 | Y | | | | NE | | | |
| 12500276 | GPS | -21.1541904 | 149.1757066 | Y | | | | NE | | | |
| 12500277 | GPS | -21.15419955 | 149.1756971 | Y | | | | NE | | | |
| 12600077 | GPS | -21.18002567 | 149.1723293 | Y | | M | K2-53400 | NE | C45 | DNR | |
| 12600078 | | -21.17871093 | 149.1844171 | N | | M | K249960 | NE | C43 | DNR | |
| 12600079 | | -21.17871093 | 149.1844171 | N | | M | K249960 | NE | C43A | DNR | |
| 12600080 | | -21.17871093 | 149.1844171 | N | | M | K249960 | NE | C43B | DNR | |
| 12600081 | | -21.17871093 | 149.1844171 | N | | M | K249960 | NE | C43C | DNR | |
| 12600082 | GPS | -21.16241988 | 149.1828523 | Y | | M | K2-53400 | NE | C1A | DNR | |
| 12600083 | GPS | -21.16243081 | 149.1828895 | Y | | M | K2-53400 | NE | C1B | DNR | |
| 12600084 | GPS | -21.16246099 | 149.18298 | Y | | M | K2-53400 | NE | C1C | DNR | |
| 12600195 | | -21.16787779 | 149.1627508 | N | | N | K249960 | NE | B41L17E | DNR | PIQ |
| 12600196 | | -21.16843331 | 149.1669173 | N | | N | K249960 | NE | B40L17E | DNR | PIQ |
| 12600197 | | -21.16898884 | 149.1708062 | N | | N | K249960 | NE | B39L17E | DNR | PIQ |
| 12600198 | | -21.17009992 | 149.1735839 | N | | | K249960 | NE | B38L17E | DNR | PIQ |
| 12600199 | | -21.17398881 | 149.1730284 | N | | | K249960 | NE | B37L17E | DNR | PIQ |
| 12600200 | | -21.17704436 | 149.1730284 | N | | | K249960 | NE | B36L17E | DNR | PIQ |
| 12600201 | | -21.17732211 | 149.1760839 | N | | | K249960 | NE | B35L17E | DNR | PIQ |
| 12600202 | | -21.17787762 | 149.1810839 | N | | | K249960 | NE | B34L17E | DNR | PIQ |
| 12600203 | | -21.17815539 | 149.1827505 | N | | | K249960 | NE | B49L17E | DNR | PIQ |
| 12600204 | | -21.17843315 | 149.1844171 | N | | | K249960 | NE | B33L17E | DNR | PIQ |
| 12600353 | GPS | -21.1687264 | 149.1947615 | Y | | M | K2-53400 | NE | | DNR | |
| 12600354 | | -21.17815537 | 149.1846949 | N | | M | K249960 | NE | | DNR | |
| 12600355 | GPS | -21.18188373 | 149.172167 | Y | | M | K2-53400 | NE | | DNR | |
| 12600407 | | -21.17732215 | 149.1724729 | N | | | | | C45 P | DNR | |
| 12600551 | GPS | -21.17065837 | 149.1955476 | Y | | | | | | | |
| 12600552 | GPS | -21.17064872 | 149.1955468 | Y | | | | | | | |
| 12600553 | GPS | -21.17047669 | 149.1949342 | Y | | | | | | | |
| 12600554 | GPS | -21.17046945 | 149.1949334 | Y | | | | | | | |
| 12600555 | GPS | -21.17034967 | 149.1946497 | Y | | | | | | | |
| 12600556 | GPS | -21.17034083 | 149.1946497 | Y | | | | | | | |
| 12600595 | GPS | -21.16240585 | 149.1829028 | Y | | | | NE | | | |
| 12600596 | GPS | -21.16239669 | 149.1829122 | Y | | | | NE | | | |
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| 105993 | 3161 | 15/02/2005 |
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| 131309 | 3161 | 3/08/2005 |
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| 131332 | 2766 | 24/11/2005 |
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| 141066 | 2881 | 5/02/2007 |
| 141093 | 3161 | 2/03/2007 |
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| RN | DRILLER_LICENCE NUMBER | LOG_RECEIVED DATE |
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| 12600597 | 3106 | |

| RN | REC | CONDITION | TOP | BOTTOM | CONTR | FLOW | QUALITY | YIELD | SWL | RDATE | FORM_DESC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20595 | 1 | UC | 8 | 10 | | | | | | | ALLUVIUM |
| 20595 | 2 | UC | 20 | 21 | | | | | | | ALLUVIUM |
| 30946 | 1 | UC | 14 | 18 | | | | | | | BAKERS CREEK ALLUVIUM |
| 34508 | 1 | UC | 6 | 19 | | | | | | | PIONEER RIVER ALLUVIUM |
| 37519 | 1 | UC | 6.4 | 10.7 | | | | | | | BAKERS CREEK ALLUVIUM |
| 46017 | 1 | UC | 12.2 | 18.9 | Y | N | 3556US/SM | 25.2 | -4.27 | 14/10/1976 | PIONEER RIVER ALLUVIUM |
| 46134 | 1 | UC | 7 | 12 | | | | | | | PIONEER RIVER ALLUVIUM |
| 46411 | 1 | UC | 9 | 12 | | | | | | | BAKERS CREEK ALLUVIUM |
| 46425 | 1 | UC | 3.6 | 12.5 | | | | | | | PIONEER RIVER ALLUVIUM |
| 46451 | 1 | UC | 11 | 15 | | | | | | | ALLUVIUM |
| 46628 | 1 | UC | 6.1 | 19.2 | | | | | | | ALLUVIUM ALUV |
| 63000 | 1 | UC | 8 | 11.5 | | | | | | | BAKERS CREEK ALLUVIUM |
| 81031 | 1 | UC | 4 | 9.7 | | | | | | | PIONEER RIVER ALLUVIUM |
| 85030 | 1 | UC | 9.7 | 12.8 | | | | | | | PIONEER RIVER ALLUVIUM |
| 105459 | 1 | UC | 7.92 | 9.75 | N | N | GOOD | 1.01 | -2.44 | 5/05/2004 | CAMPWYN VOLCANICS |
| 105618 | 1 | UC | 10.8 | 13.4 | N | N | POT | 1.13 | -4 | 17/11/2004 | PIONEER RIVER ALLUVIUM |
| 105623 | 1 | UC | 6 | 11 | N | N | POT | 0.18 | -6 | 5/09/2004 | QUATERNARY - UNDEFINED |
| 105625 | 1 | UC | 12.19 | 15.24 | N | N | | 0.51 | -3.05 | 14/10/2004 | PIONEER RIVER ALLUVIUM |
| 105688 | 1 | UC | 14 | 18 | Y | N | 620 PPM | 0.18 | -7 | 30/06/2004 | PIONEER RIVER ALLUVIUM |
| 105689 | 1 | UC | 12 | 15.2 | Y | N | 520 PPM | 1.13 | -3.6 | 24/04/2004 | PIONEER RIVER ALLUVIUM |
| 105717 | 1 | UC | 8.53 | 9.45 | Y | N | | 0.91 | -4.27 | 24/11/2004 | PIONEER RIVER ALLUVIUM |
| 105721 | 1 | UC | 9 | 12 | Y | N | 190 PPM | 0.18 | -7 | 24/10/2004 | QUATERNARY - UNDEFINED |
| 105731 | 1 | UC | 13 | 16 | Y | N | 640 PPM | 0.18 | -8 | 23/08/2004 | QUATERNARY - UNDEFINED |
| 105971 | 1 | UC | 3 | 6 | Y | N | 190 PPM | 0.2 | -3 | 31/08/2004 | PIONEER RIVER ALLUVIUM |
| 105978 | 1 | UC | 6.1 | 7.32 | Y | N | POT | 1.14 | -5.18 | 14/01/2004 | TERTIARY - UNDEFINED |
| 105993 | 1 | UC | 6 | 10 | Y | N | 270 PPM | 0.18 | -6 | 6/12/2004 | PIONEER RIVER ALLUVIUM |
| 131308 | 1 | SC | 4 | 6 | Y | N | | | -4 | 15/07/2005 | TERTIARY - UNDEFINED |
| 131309 | 1 | SC | 4 | 6 | Y | N | | | -4 | 15/07/2005 | TERTIARY - UNDEFINED |
| 131332 | 1 | SC | 3.05 | 6.71 | Y | N | | 0.3 | -3.05 | 10/10/2005 | TERTIARY - UNDEFINED |
| 131333 | 1 | SC | 2.44 | 8.84 | Y | N | | 0.38 | -2.44 | 21/06/2005 | TERTIARY - UNDEFINED |
| 131335 | 1 | UC | 8.53 | 11.89 | Y | N | POT | 1.14 | -1.86 | 23/12/2004 | PIONEER RIVER ALLUVIUM |
| 131337 | 1 | SC | 4.88 | 6.1 | Y | N | POT | 0.38 | -4.57 | 26/09/2005 | PIONEER RIVER ALLUVIUM |
| 131419 | 1 | UC | 17 | 17.7 | Y | N | POT | 0.56 | -4.1 | 29/11/2005 | QUATERNARY - UNDEFINED |
| 131421 | 1 | UC | 10 | 12.8 | Y | N | 220 PPM | 1.13 | -2.7 | 24/11/2005 | QUATERNARY - UNDEFINED |
| 131672 | 1 | SC | 4.57 | 6.1 | Y | N | | 0.63 | -3.66 | 19/01/2006 | QUATERNARY - UNDEFINED |
| 131759 | 1 | SC | 7.62 | 10.06 | Y | N | POT | 0 | -1.76 | 29/01/2006 | PIONEER RIVER ALLUVIUM |
| 131771 | 1 | UC | 5 | 9 | Y | N | 360 PPM | 0.2 | -5 | 3/09/2004 | QUATERNARY - UNDEFINED |
| 131917 | 1 | UC | 4 | 7 | Y | N | 460 PPM | 0.5 | -4 | 5/04/2006 | PIONEER RIVER ALLUVIUM |
| 131997 | 1 | UC | 5.5 | 7 | Y | N | 540 PPM | 0.5 | -5.5 | 1/09/2006 | PIONEER RIVER ALLUVIUM |
| 141066 | 1 | UC | 13 | 15.2 | Y | N | | 1.14 | -3.5 | 25/10/2006 | PIONEER RIVER ALLUVIUM |
| 141093 | 1 | UC | 5 | 7.8 | Y | N | 280 PPM | 0.1 | -4 | 16/12/2006 | PIONEER RIVER ALLUVIUM |
| 141097 | 1 | UC | 11 | 12 | Y | N | 520 PPM | 0.1 | -6 | 12/01/2007 | PIONEER RIVER ALLUVIUM |
| 141211 | 1 | UC | 3 | 4 | | N | | | -2.5 | 7/06/2007 | |
| 141212 | 1 | UC | 3 | 4 | Y | N | | | -2.5 | 7/06/2007 | |
| 141213 | 1 | UC | 3 | 4 | Y | N | | | -2.5 | 7/06/2007 | |
| 141214 | 1 | UC | 3 | | Y | N | | | -2.5 | 7/06/2007 | |
| 141215 | 1 | UC | 3 | 4 | Y | N | | | -2.5 | 7/06/2007 | |
| 141216 | 1 | UC | 3 | 4 | Y | N | | | -2.5 | 7/06/2007 | |
| 141338 | 1 | UC | 3 | | Y | N | POTABLE | 0.5 | -3 | 17/07/2008 | |
| 141394 | 1 | UC | 3 | | Y | N | | | -3 | 10/09/2008 | |
| 141395 | 1 | UC | 3 | | Y | N | | | -3 | 10/09/2008 | |
| 141414 | 1 | UC | 6 | 8 | Y | N | NOT STATED | | -6.5 | 30/07/2008 | QUATERNARY - UNDEFINED |
| 141789 | 1 | UC | 6 | | Y | N | POTABLE | 0.5 | -4 | 18/08/2006 | |
| 12500143 | 2 | UC | 1 | 2 | | | | | | | ALLUVIUM |
| 12500143 | 1 | UC | 3 | 5 | | | | | | | ALLUVIUM |
| 12500148 | 1 | UC | 2 | 5 | | | | | | | ALLUVIUM |
| 12500152 | 1 | UC | 2 | 6 | | | | | | | ALLUVIUM |
| 12500153 | 2 | UC | 2 | 3 | | | | | | | ALLUVIUM |
| 12500153 | 1 | UC | 10 | 15 | | | | | | | ALLUVIUM |
| 12500154 | 1 | UC | 2 | 3 | | | | | | | ALLUVIUM |
| 12500155 | 1 | UC | 2 | 4 | | | | | | | ALLUVIUM |
| 12500156 | 2 | UC | 2 | 6 | | | | | | | ALLUVIUM |
| 12500156 | 1 | UC | 13 | 15 | | | | | | | ALLUVIUM |
| 12500157 | 1 | UC | 2 | 6 | | | | | | | ALLUVIUM |
| 12500158 | 1 | UC | 2 | 5 | | | | | | | ALLUVIUM |
| 12500159 | 1 | UC | 3 | 4 | | | | | | | ALLUVIUM |
| 12500160 | 2 | UC | 3 | 4 | | | | | | | ALLUVIUM |
| 12500160 | 1 | UC | 13 | 16 | | | | | | | ALLUVIUM |
| 12500161 | 1 | UC | 1 | 4 | | | | | | | ALLUVIUM |
| 12500275 | 1 | UC | 8.5 | 9.8 | N | N | | | -2.77 | 31/10/2011 | QUATERNARY - UNDEFINED |
| 12500275 | 2 | UC | 11.5 | 15 | N | N | | | -2.77 | 31/10/2011 | QUATERNARY - UNDEFINED |
| 12500275 | 3 | WZ | 23 | 32.75 | Y | N | | | -2.6 | 31/10/2011 | UNDIFFERENTIATED |
| 12500276 | 1 | UC | 8.5 | 9.8 | N | N | | | -2.77 | 31/10/2011 | QUATERNARY - UNDEFINED |
| 12500276 | 2 | UC | 11.5 | 15 | Y | N | | | -2.77 | 31/10/2011 | QUATERNARY - UNDEFINED |
| 12500277 | 1 | UC | 8.5 | 9.8 | Y | N | | | -2.77 | 31/10/2011 | QUATERNARY - UNDEFINED |
| 12600077 | 1 | UC | 15 | 15 | | | | | | | BAKERS CREEK ALLUVIUM |
| 12600078 | 1 | UC | 7 | 10 | | | | | | | ALLUVIUM |
| 12600078 | 2 | UC | 24 | 25 | | | | | | | ALLUVIUM |
| 12600079 | 1 | UC | 13 | 14 | | | | | | | ALLUVIUM |
| 12600079 | 2 | UC | 15 | 20 | | | | | | | ALLUVIUM |
| 12600080 | 1 | UC | 8 | 10 | | | | | | | ALLUVIUM |
| 12600080 | 2 | UC | 13 | 14 | | | | | | | ALLUVIUM |
| 12600081 | 1 | UC | 8 | 11 | | | | | | | ALLUVIUM |
| 12600082 | 1 | UC | 14 | 15 | | | | | | | ALLUVIUM |
| 12600082 | 2 | UC | 21 | 24 | | | | | | | ALLUVIUM |
| 12600083 | 1 | UC | 7 | 10 | | | | | | | ALLUVIUM |
| 12600083 | 2 | UC | 13 | 15 | | | | | | | ALLUVIUM |
| 12600084 | 1 | UC | 10 | 11 | | | | | | | ALLUVIUM |
| 12600196 | 1 | UC | 2 | 7 | | | | | | | ALLUVIUM |
| 12600197 | 1 | UC | 11 | 12 | | | | | | | ALLUVIUM |
| 12600197 | 2 | UC | 18 | 24 | | | | | | | ALLUVIUM |
| 12600198 | 1 | UC | 7 | 12 | | | | | | | ALLUVIUM |
| 12600199 | 1 | UC | 2 | 3 | | | | | | | ALLUVIUM |
| 12600200 | 1 | UC | 2 | 3 | | | | | | | ALLUVIUM |
| 12600200 | 2 | UC | 8 | 11 | | | | | | | ALLUVIUM |
| 12600201 | 1 | UC | 1 | 3 | | | | | | | ALLUVIUM |
| 12600201 | 2 | UC | 9 | 11 | | | | | | | ALLUVIUM |
| 12600202 | 1 | UC | 7 | 13 | | | | | | | ALLUVIUM |

Refer to DNRM Groundwater Database Metadata, Data Dictionary Standards Summary (November 2013) for GW Bore Search Results Explanation

| RN | REC | CONDITION | TOP | BOTTOM | CONTR | FLOW | QUALITY | YIELD | SWL | RDATE | FORM_DESC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600203 | 1 | UC | 7 | 17 | | | | | | | ALLUVIUM |
| 12600203 | 2 | UC | 21 | 25 | | | | | | | ALLUVIUM |
| 12600204 | 1 | UC | 4 | 16 | | | | | | | ALLUVIUM |
| 12600353 | 1 | UC | 5 | 23 | | | | | | | ALLUVIUM |
| 12600354 | 1 | UC | 6 | 24 | | | | | | | ALLUVIUM |
| 12600355 | 1 | UC | 1 | 3 | | | | | | | ALLUVIUM |
| 12600355 | 2 | UC | 17 | 20 | | | | | | | ALLUVIUM |
| 12600551 | 1 | UC | 7 | 10 | N | | | | | | |
| 12600551 | 2 | UC | 15.5 | 16 | N | | | | | | |
| 12600551 | 3 | UC | 22 | 23.5 | N | | | | | | |
| 12600552 | 1 | UC | 7 | 10 | N | | | | | | |
| 12600553 | 1 | UC | 6.5 | 10 | N | | | | | | |
| 12600553 | 2 | UC | 21.5 | 22.5 | N | | | | | | |
| 12600554 | 1 | UC | 6.5 | 10 | N | | | | | | |
| 12600555 | 1 | UC | 6 | 8 | N | | | | | | |
| 12600555 | 2 | UC | 20 | 21 | N | | | | | | |
| 12600556 | 1 | UC | 6 | 8 | N | | | | | | |
| 12600595 | 1 | UC | 7 | 10 | N | N | | | -2.13 | 31/10/2011 | |
| 12600595 | 2 | UC | 13 | 16 | N | N | | | -2.23 | 31/10/2011 | |
| 12600595 | 3 | UC | 19 | 20 | Y | N | | | -2.14 | 2/11/2011 | |
| 12600596 | 1 | UC | 7 | 10 | N | N | | | -2.13 | 31/10/2011 | |
| 12600596 | 2 | UC | 13 | 16 | Y | N | | | -2.23 | 31/10/2011 | |
| 12600597 | 1 | UC | 7 | 10 | Y | N | | | -2.13 | 31/10/2011 | |

| RN | PIPE | RDATE | REC | MATERIAL DESC | MATERIAL SIZE | SIZE_DESC | OUT DIAMETER | TOP | BOTTOM |
|---|---|---|---|---|---|---|---|---|---|
| 20045 | A | 1/04/1955 | 1 | STEL | | WT | 1066 | 0 | 6.1 |
| 20045 | A | 1/04/1955 | 2 | STEL | | WT | 152 | 6.1 | 19.5 |
| 20391 | A | 10/09/1965 | 1 | MASO | | WT | 1524 | 0 | 9.4 |
| 20401 | A | 9/09/1965 | 1 | MASO | | WT | 1219 | 0 | 5.6 |
| 20595 | A | 25/05/1966 | 1 | STEL | | WT | 101 | 0 | 9.6 |
| 30946 | A | 23/11/1970 | 1 | STEL | | WT | 203 | 0 | 15.8 |
| 30946 | A | 23/11/1970 | 3 | GRAV | | GR | | 0 | 18.3 |
| 30946 | A | 23/11/1970 | 2 | SCRN | 2.159 | AP | | 15.3 | 18.3 |
| 34508 | A | 28/08/1970 | 1 | STEL | | WT | 152 | 0 | 16.9 |
| 34508 | A | 28/08/1970 | 3 | GRAV | 9.525 | GR | | | 19.8 |
| 34508 | A | 28/08/1970 | 2 | SCRN | 2.159 | AP | 152 | 16.9 | 19.8 |
| 37519 | A | 15/08/1972 | 1 | STEL | | WT | 203 | 0.6 | 8.8 |
| 37519 | A | 19/08/1972 | 2 | SCRN | 3.048 | AP | 152 | 8.8 | 10.7 |
| 46017 | A | 14/10/1976 | 1 | STEL | | WT | 203 | 0 | 15.8 |
| 46017 | A | 14/10/1976 | 2 | SCRN | | AP | 203 | 15.8 | 18.8 |
| 46134 | A | 14/02/1975 | 1 | PLAS | | WT | 125 | 0 | 9.7 |
| 46134 | A | 14/02/1975 | 3 | GRAV | 9.525 | GR | | 0 | 12 |
| 46134 | A | 14/02/1975 | 2 | PERF | | AP | | 9.7 | 11.5 |
| 46411 | A | 3/09/1977 | 1 | STEL | | WT | 203 | 0.6 | 10.7 |
| 46411 | A | 3/09/1977 | 4 | GRAV | 15.875 | GR | | 0 | 12.5 |
| 46411 | A | 3/09/1977 | 2 | SCRN | 3.1 | AP | 178 | 10.7 | 12.5 |
| 46425 | A | 6/11/1976 | 1 | STEL | | WT | 304 | 0 | 7 |
| 46425 | A | 6/11/1976 | 3 | GRAV | | GR | | | 14.6 |
| 46425 | A | 6/11/1976 | 2 | SCRN | 2.54 | AP | 203 | 6.1 | 12.5 |
| 46451 | A | 17/09/1976 | 1 | STEL | | WT | 152 | 0 | 13.1 |
| 46451 | A | 17/09/1976 | 3 | GRAV | | GR | | 0 | 14.9 |
| 46451 | A | 17/09/1976 | 2 | SCRN | | AP | | 12.8 | 14.6 |
| 46628 | A | 1/01/1978 | 1 | PLAS | | WT | 127 | 0 | 19.2 |
| 46628 | A | 1/01/1978 | 3 | GRAV | | GR | | 0 | 19.2 |
| 46628 | A | 1/01/1978 | 2 | PERF | | AP | | | 19.2 |
| 63000 | A | 9/11/1982 | 1 | STEL | | WT | 219 | 0.5 | 9.2 |
| 63000 | A | 9/11/1982 | 3 | GRAV | 9.525 | GR | | 0 | 11.3 |
| 63000 | A | 9/11/1982 | 4 | GRAV | 15.875 | GR | | 0 | 11.3 |
| 63000 | A | 9/11/1982 | 2 | SCRN | 3.81 | AP | | 9.1 | 11.3 |
| 81031 | A | 26/06/1992 | 1 | STEL | 6.4 | WT | 219 | 0 | 7.7 |
| 81031 | A | 26/06/1992 | 4 | STEL | 6.4 | WT | 219 | 9.7 | 9.9 |
| 81031 | B | 26/06/1992 | 5 | GRAV | 9.5 | GR | | 0 | 9.9 |
| 81031 | A | 26/06/1992 | 2 | SCRN | 2.032 | AP | 168 | 7.7 | 8.7 |
| 81031 | A | 26/06/1992 | 3 | SCRN | 2.54 | AP | 168 | 8.7 | 9.7 |
| 85030 | A | 9/03/1987 | 3 | GRAV | 9.525 | GR | | | 12.8 |
| 85030 | A | 9/03/1987 | 4 | GRAV | 15.875 | GR | | | 12.8 |
| 85030 | A | 9/03/1987 | 1 | STEL | 6.35 | WT | 219 | 0.6 | 9.7 |
| 85030 | A | 9/03/1987 | 2 | SCRN | 3.048 | AP | 168 | 9.5 | 12.8 |
| 105459 | A | 5/05/2004 | 2 | PERF | | | 100 | 6.4 | 9.45 |
| 105459 | A | 5/05/2004 | 1 | PVC | | | 100 | 0 | 9.45 |
| 105459 | X | 5/05/2004 | 3 | GROU | | | 190 | 0 | 5 |
| 105459 | X | 5/05/2004 | 4 | FILL | | | 190 | 1.52 | 10.06 |
| 105618 | A | 17/11/2004 | 2 | PERF | 2 | AP | 114 | 11 | 13.4 |
| 105618 | A | 17/11/2004 | 1 | PVC | 5.9 | WT | 114 | 0 | 13.4 |
| 105618 | X | 17/11/2004 | 3 | GRAV | 5 | GR | 170 | 1.2 | 13.4 |
| 105618 | X | 17/11/2004 | 4 | GROU | | | 170 | 0 | 1.2 |
| 105623 | A | 5/09/2004 | 2 | PERF | | AP | 114 | 6 | 11 |
| 105623 | A | 5/09/2004 | 1 | PVC | 5.9 | WT | 114 | 0 | 11 |
| 105623 | X | 5/09/2004 | 3 | GROU | | | 150 | 0 | 6 |
| 105625 | A | 14/10/2004 | 1 | PVC | 5.9 | WT | 114 | 0 | 14.94 |
| 105625 | X | 14/10/2004 | 3 | GROU | | | 200 | 0 | 7.62 |
| 105625 | A | 14/10/2004 | 2 | PERF | | AP | 114 | 11.28 | 14.94 |
| 105688 | A | 30/06/2004 | 1 | PVC | 7 | WT | 114 | 0 | 18 |
| 105688 | X | 30/06/2004 | 3 | FILL | | GR | 150 | 14 | 18 |
| 105688 | X | 30/06/2004 | 4 | GRAV | | GR | 150 | 13 | 14 |
| 105688 | X | 30/06/2004 | 5 | GROU | | | 150 | 0 | 13 |
| 105688 | A | 30/06/2004 | 2 | PERF | 2 | AP | 114 | 14 | 18 |
| 105689 | A | 24/04/2004 | 1 | PVC | 7 | WT | 114 | 0 | 15.2 |
| 105689 | X | 24/04/2004 | 3 | GRAV | 5 | GR | 170 | 1 | 15.2 |
| 105689 | X | 24/04/2004 | 4 | GROU | | | 170 | 0 | 1 |
| 105689 | A | 24/04/2004 | 2 | PERF | 2 | AP | 114 | 12.2 | 15.2 |
| 105717 | A | 24/11/2004 | 2 | PERF | | AP | 114 | 6.1 | 10.36 |
| 105717 | A | 24/11/2004 | 1 | PVC | 7 | WT | 114 | 0 | 10.36 |
| 105717 | X | 24/11/2004 | 3 | GRAV | 10 | GR | 200 | 4.27 | 10.36 |
| 105717 | X | 24/11/2004 | 4 | GROU | | | 200 | 0 | 4.27 |
| 105721 | A | 24/10/2004 | 2 | PERF | 1 | AP | 114 | 7 | 12 |
| 105721 | A | 24/10/2004 | 1 | PVC | 7 | WT | 114 | 0 | 12 |
| 105721 | X | 24/10/2004 | 3 | GRAV | 10 | GR | 150 | 7 | 12 |
| 105721 | X | 24/10/2004 | 4 | GROU | | | 150 | 0 | 7 |
| 105731 | A | 23/08/2004 | 2 | PERF | 0.4 | AP | 114 | 8 | 16 |
| 105731 | A | 23/08/2004 | 1 | PVC | 6.9 | WT | 114 | 0 | 16 |
| 105731 | X | 23/08/2004 | 3 | FILL | | GR | 150 | 0 | 16 |
| 105971 | A | 31/08/2004 | 2 | PERF | 4 | AP | 114 | 3 | 6 |
| 105971 | A | 31/08/2004 | 1 | PVC | 6.8 | WT | 114 | 0 | 6 |
| 105971 | X | 31/08/2004 | 3 | FILL | | | 150 | 3 | 6 |
| 105971 | X | 31/08/2004 | 4 | GROU | | | 150 | 0 | 3 |
| 105978 | A | 14/01/2004 | 2 | PERF | | | 114 | 5.49 | 8.23 |
| 105978 | A | 14/01/2004 | 1 | PVC | 6.8 | WT | 114 | 0 | 8.23 |
| 105978 | X | 14/01/2004 | 3 | GRAV | 10 | GR | 175 | 1.52 | 8.23 |
| 105978 | X | 14/01/2004 | 4 | GROU | | | 175 | 0 | 1.52 |
| 105993 | A | 6/12/2004 | 2 | PERF | 1 | AP | 114 | 6 | 10 |
| 105993 | A | 6/12/2004 | 1 | PVC | 6.8 | WT | 114 | 0 | 10 |
| 105993 | X | 6/12/2004 | 3 | GRAV | 5 | GR | 150 | 6 | 10 |
| 105993 | X | 6/12/2004 | 4 | GROU | | | 150 | 0 | 6 |
| 131308 | A | 15/07/2005 | 2 | PERF | 0.4 | AP | 56 | 4 | 6 |
| 131308 | A | 15/07/2005 | 1 | PVC | 3.1 | WT | 56 | 0 | 6 |
| 131308 | X | 15/07/2005 | 3 | GRAV | 10 | GR | 150 | 4 | 6 |
| 131308 | X | 15/07/2005 | 4 | GROU | | | 150 | 0 | 4 |
| 131309 | A | 15/07/2005 | 2 | PERF | 0.4 | AP | 56 | 4 | 6 |
| 131309 | A | 15/07/2005 | 1 | PVC | 3.1 | WT | 56 | 0 | 6 |
| 131309 | X | 15/07/2005 | 3 | GRAV | 10 | GR | 150 | 4 | 6 |
| 131309 | X | 15/07/2005 | 4 | GROU | | | 150 | 0 | 4 |

| RN | PIPE | RDATE | REC | MATERIAL DESC | MATERIAL SIZE | SIZE_DESC | OUT DIAMETER | TOP | BOTTOM |
|---|---|---|---|---|---|---|---|---|---|
| 131310 | A | 15/07/2005 | 2 | PERF | 0.4 | AP | 56 | 2 | 3 |
| 131310 | A | 15/07/2005 | 1 | PVC | 3.1 | WT | 56 | 0 | 3 |
| 131310 | X | 15/07/2005 | 3 | FILL | | | 150 | 2 | 3 |
| 131310 | X | 15/07/2005 | 4 | GROU | | | 150 | 0 | 2 |
| 131332 | A | 10/10/2005 | 2 | PERF | | AP | 114 | 4.87 | 7.62 |
| 131332 | A | 10/10/2005 | 1 | PVC | 6.8 | WT | 114 | 0 | 7.62 |
| 131332 | X | 10/10/2005 | 3 | GRAV | 10 | GR | 200 | 2.13 | 7.62 |
| 131332 | X | 10/10/2005 | 4 | GROU | | | 200 | 0 | 2.13 |
| 131333 | A | 21/06/2005 | 2 | PERF | | AP | 114 | 5.79 | 8.8 |
| 131333 | A | 21/06/2005 | 1 | PVC | 6.8 | WT | 114 | 0 | 8.84 |
| 131333 | X | 21/06/2005 | 3 | GRAV | 10 | GR | 200 | 4.57 | 8.84 |
| 131333 | X | 21/06/2005 | 4 | GROU | | | 200 | 0 | 4.57 |
| 131335 | A | 23/12/2004 | 2 | PERF | | AP | 114 | 10.36 | 12.7 |
| 131335 | A | 23/12/2004 | 1 | PVC | 6.8 | WT | 114 | 0 | 12.8 |
| 131335 | X | 23/12/2004 | 3 | GRAV | 10 | GR | 200 | 4.57 | 12.8 |
| 131335 | X | 23/12/2004 | 4 | GROU | | | 200 | 0 | 4.57 |
| 131337 | A | 24/11/2005 | 2 | PERF | | AP | 114 | 4.87 | 7 |
| 131337 | A | 24/11/2005 | 1 | PVC | 6.8 | WT | 114 | 0 | 7.01 |
| 131337 | X | 24/11/2005 | 3 | GRAV | 10 | GR | 200 | 3.04 | 7.01 |
| 131337 | X | 24/11/2005 | 4 | GROU | | | 200 | 0 | 3.04 |
| 131419 | A | 29/11/2005 | 2 | PERF | 2 | AP | 114 | 15.7 | 17.7 |
| 131419 | A | 29/11/2005 | 1 | PVC | 6.8 | WT | 114 | 0 | 17.7 |
| 131419 | X | 29/11/2005 | 3 | GRAV | 3 | GR | 170 | 1.5 | 17.7 |
| 131419 | X | 29/11/2005 | 4 | GROU | | | 170 | 0 | 1.5 |
| 131421 | A | 24/11/2005 | 2 | PERF | 2 | AP | 114 | 10.4 | 12.8 |
| 131421 | A | 24/11/2005 | 1 | PVC | 6.8 | WT | 114 | 0 | 12.8 |
| 131421 | X | 24/11/2005 | 3 | GRAV | 3 | GR | 170 | 1.5 | 12.8 |
| 131421 | X | 24/11/2005 | 4 | GROU | | | 170 | 0 | 1.5 |
| 131672 | A | 19/01/2006 | 2 | PERF | 2 | AP | 114 | 5.18 | 8.23 |
| 131672 | A | 19/01/2006 | 1 | PVC | 6.8 | WT | 114 | 0 | 8.23 |
| 131672 | X | 19/01/2006 | 3 | GRAV | 10 | GR | 200 | 3.05 | 8.23 |
| 131672 | X | 19/01/2006 | 4 | GROU | | | 200 | 0 | 3.05 |
| 131759 | A | 29/01/2006 | 2 | PERF | 1.5 | AP | 140 | 7.62 | 11.28 |
| 131759 | A | 29/01/2006 | 1 | PVC | 7.5 | WT | 140 | 0 | 11.28 |
| 131759 | X | 29/01/2006 | 3 | GRAV | 10 | GR | 200 | 3.05 | 11.28 |
| 131759 | X | 29/01/2006 | 4 | GROU | | | 200 | 0 | 3.05 |
| 131771 | A | 3/09/2004 | 2 | SCRN | 0.4 | AP | 114 | 5 | 9 |
| 131771 | A | 3/09/2004 | 1 | PVC | 6.8 | WT | 114 | 0 | 5 |
| 131771 | X | 3/09/2004 | 3 | FILL | | | 150 | 5 | 9 |
| 131771 | X | 3/09/2004 | 4 | GROU | | | 150 | 0 | 5 |
| 131917 | A | 5/04/2006 | 2 | SCRN | 0.4 | AP | | 4 | 7 |
| 131917 | A | 5/04/2006 | 1 | PVC | | | 100 | 0 | 7 |
| 131917 | A | 5/04/2006 | 3 | BNSL | | | | 3.5 | 4 |
| 131917 | A | 5/04/2006 | 4 | GROU | | | 150 | 0 | 3.5 |
| 131917 | A | 5/04/2006 | 5 | OPEN | | | | 4 | 7 |
| 131997 | A | 1/09/2006 | 2 | PERF | | | | 5.5 | 7 |
| 131997 | A | 1/09/2006 | 1 | PVC | 5.9 | WT | 100 | 0 | 5.5 |
| 131997 | A | 1/09/2006 | 3 | GRAV | 10 | GR | | 5 | 7 |
| 131997 | A | 1/09/2006 | 4 | BNSL | | | | 4.5 | 5 |
| 131997 | A | 1/09/2006 | 5 | GROU | | | 150 | 0 | 4.5 |
| 131997 | A | 1/09/2006 | 6 | OPEN | | | | 5.5 | 7 |
| 141066 | A | 25/10/2006 | 1 | PVC | 5.81 | WT | 114 | 0 | 15.2 |
| 141066 | A | 25/10/2006 | 3 | FILL | | | | 1.5 | 15.2 |
| 141066 | A | 25/10/2006 | 4 | GROU | | | 170 | 0 | 1.5 |
| 141066 | A | 25/10/2006 | 2 | PERF | 2 | AP | | 13 | 15.2 |
| 141093 | A | 16/12/2006 | 2 | PERF | | | | 4 | 7.8 |
| 141093 | A | 16/12/2006 | 1 | PVC | 5.9 | WT | 100 | 0 | 4 |
| 141093 | A | 16/12/2006 | 3 | GRAV | 10 | GR | | 3.5 | 7.8 |
| 141093 | A | 16/12/2006 | 4 | BNSL | | | | 3 | 3.5 |
| 141093 | A | 16/12/2006 | 5 | GROU | | | 150 | 0 | 3 |
| 141093 | A | 16/12/2006 | 6 | OPEN | | | | 4 | 7.8 |
| 141097 | A | 12/01/2007 | 2 | PERF | | | | 6 | 14.8 |
| 141097 | A | 12/01/2007 | 1 | PVC | 5.9 | WT | 100 | 0 | 6 |
| 141097 | A | 12/01/2007 | 3 | GRAV | 10 | GR | | 5.5 | 14.8 |
| 141097 | A | 12/01/2007 | 4 | BNSL | | | | 5.5 | 14.8 |
| 141097 | A | 12/01/2007 | 5 | GROU | | | 150 | 0 | 5 |
| 141097 | A | 12/01/2007 | 6 | OPEN | | | | 6 | 14.8 |
| 141211 | A | 7/06/2007 | 2 | SCRN | 0.4 | AP | 50 | 1.5 | 3 |
| 141211 | X | 7/06/2007 | 4 | GRAV | | | 150 | 1.5 | 3 |
| 141211 | A | 7/06/2007 | 1 | PVC | | | 50 | 0 | 1.5 |
| 141211 | X | 7/06/2007 | 3 | GROU | | | 150 | 0 | 1.5 |
| 141212 | A | 7/06/2007 | 2 | SCRN | 0.4 | AP | | 1.5 | 4 |
| 141212 | X | 7/06/2007 | 4 | GRAV | 10 | GR | | 1.5 | 4 |
| 141212 | A | 7/06/2007 | 1 | PVC | | | 50 | 0 | 1.5 |
| 141212 | X | 7/06/2007 | 3 | GROU | | | 150 | 0 | 1.5 |
| 141213 | A | 7/06/2007 | 2 | SCRN | 0.4 | AP | | 1.5 | 4 |
| 141213 | X | 7/06/2007 | 4 | GRAV | 10 | GR | 150 | 1.5 | 4 |
| 141213 | A | 7/06/2007 | 1 | PVC | | | 50 | 0 | 1.5 |
| 141213 | X | 7/06/2007 | 3 | GROU | | | 150 | 0 | 1.5 |
| 141214 | A | 7/06/2007 | 2 | SCRN | 0.4 | AP | | 1.5 | 4 |
| 141214 | X | 7/06/2007 | 4 | GRAV | 10 | GR | 150 | 1.5 | 4 |
| 141214 | A | 7/06/2007 | 1 | PVC | | | 50 | 0 | 1.5 |
| 141214 | X | 7/06/2007 | 3 | GROU | | | 150 | 0 | 1.5 |
| 141215 | A | 7/06/2007 | 2 | SCRN | 0.4 | AP | | 1.5 | 4 |
| 141215 | X | 7/06/2007 | 4 | GRAV | 10 | GR | 150 | 1.5 | 4 |
| 141215 | A | 7/06/2007 | 1 | PVC | | | 50 | 0 | 1.5 |
| 141215 | X | 7/06/2007 | 3 | GROU | | | 150 | 0 | 1.5 |
| 141216 | A | 7/06/2007 | 2 | SCRN | | | | 1.5 | 4 |
| 141216 | A | 7/06/2007 | 1 | PVC | | | 50 | 0 | 1.5 |
| 141216 | A | 7/06/2007 | 3 | GRAV | 10 | GR | 150 | 1.5 | 4 |
| 141216 | A | 7/06/2007 | 4 | GROU | | | 150 | 0 | 1.5 |
| 141338 | A | 17/07/2008 | 2 | PERF | | | | 6 | 9.5 |
| 141338 | A | 17/07/2008 | 1 | PVC | 4.85 | WT | 114 | 0 | 9.5 |
| 141338 | A | 17/07/2008 | 3 | GRAV | 2.36 | GR | 200 | | |
| 141338 | A | 17/07/2008 | 4 | GROU | | | 200 | 0 | 3 |
| 141394 | A | 10/09/2008 | 2 | SCRN | 0.4 | AP | | 3 | 6 |
| 141394 | A | 10/09/2008 | 1 | PVC | | | 60 | 0 | 3 |

| RN | PIPE | RDATE | REC | MATERIAL DESC | MATERIAL SIZE | SIZE_DESC | OUT DIAMETER | TOP | BOTTOM |
|---|---|---|---|---|---|---|---|---|---|
| 141394 | X | 10/09/2008 | 3 | BNSL | | | 150 | 2 | 3 |
| 141394 | X | 10/09/2008 | 4 | GROU | | | 150 | 0 | 2 |
| 141395 | A | 10/09/2008 | 2 | SCRN | 0.4 | AP | | 3 | 6 |
| 141395 | A | 10/09/2008 | 1 | PVC | | | 60 | 0 | 3 |
| 141395 | X | 10/09/2008 | 3 | BNSL | | | 150 | 2 | 3 |
| 141395 | X | 10/09/2008 | 4 | GROU | | | 150 | 0 | 2 |
| 141414 | A | 30/07/2008 | 1 | PVC | 4.95 | WT | 60 | 0 | 6 |
| 141414 | A | 30/07/2008 | 3 | GRAV | 4 | GR | 150 | 5.5 | 8 |
| 141414 | X | 30/07/2008 | 4 | BNSL | | | 150 | 4.5 | 5.5 |
| 141414 | X | 30/07/2008 | 5 | GROU | | | 150 | 0 | 4.5 |
| 141414 | A | 30/07/2008 | 2 | SCRN | | | | 6 | 8 |
| 141789 | A | 18/08/2006 | 1 | PVC | 0.9 | WT | | 0 | 7 |
| 141789 | A | 18/08/2006 | 3 | GRAV | 10 | GR | 150 | 6 | 9 |
| 141789 | X | 18/08/2006 | 4 | BNSL | | | 150 | 5.5 | 6 |
| 141789 | X | 18/08/2006 | 5 | GROU | | | 150 | 0 | 5.5 |
| 141789 | A | 18/08/2006 | 2 | SCRN | | | | 7 | 9 |
| 12500275 | A | 16/10/2011 | 1 | PVC | 3.3 | WT | 60 | 0 | 32.75 |
| 12500275 | X | 16/10/2011 | 3 | GROU | | | 215 | 0 | 1 |
| 12500275 | X | 16/10/2011 | 4 | GROU | | | 180 | 1 | 6 |
| 12500275 | X | 16/10/2011 | 5 | FILL | | | 180 | 6 | 10 |
| 12500275 | X | 16/10/2011 | 6 | BNSL | | | 180 | 10 | 11 |
| 12500275 | X | 16/10/2011 | 7 | FILL | | | 180 | 11 | 16.5 |
| 12500275 | X | 16/10/2011 | 8 | BNSL | | | 180 | 16.5 | 18 |
| 12500275 | X | 16/10/2011 | 9 | GRAV | 10 | GR | 180 | 18 | 32.8 |
| 12500275 | A | 16/10/2011 | 2 | PERF | 2 | AP | 60 | 29.75 | 32.75 |
| 12500276 | A | 31/10/2011 | 1 | PVC | 3.3 | WT | 60 | 0 | 15 |
| 12500276 | X | 31/10/2011 | 3 | GROU | | | 215 | 0 | 1 |
| 12500276 | X | 31/10/2011 | 4 | GROU | | | 180 | 1 | 5 |
| 12500276 | X | 31/10/2011 | 5 | BNSL | | | 180 | 5 | 6 |
| 12500276 | X | 31/10/2011 | 6 | FILL | | | 180 | 6 | 10 |
| 12500276 | X | 31/10/2011 | 7 | BNSL | | | 180 | 10 | 11 |
| 12500276 | X | 31/10/2011 | 8 | GRAV | 10 | GR | 180 | 11 | 16 |
| 12500276 | A | 31/10/2011 | 2 | PERF | 2 | AP | 60 | 12 | 15 |
| 12500277 | A | 16/10/2011 | 1 | PVC | 3.3 | WT | 60 | 0 | 9.8 |
| 12500277 | X | 16/10/2011 | 3 | GROU | | | 215 | 0 | 1 |
| 12500277 | X | 16/10/2011 | 4 | GROU | | | 180 | 1 | 6 |
| 12500277 | X | 16/10/2011 | 5 | BNSL | | | 180 | 6 | 7 |
| 12500277 | X | 16/10/2011 | 6 | GRAV | 10 | GR | 180 | 7 | 10.25 |
| 12500277 | A | 16/10/2011 | 2 | PERF | 2 | AP | 60 | 8.8 | 9.8 |
| 12600077 | A | 1/01/1968 | 1 | PLAS | 3.048 | WT | 50 | 0 | 16.5 |
| 12600077 | A | 1/01/1968 | 2 | PERF | 2.032 | AP | 50 | 15.9 | 16.5 |
| 12600078 | A | 31/12/1968 | 1 | PLAS | 3.048 | WT | 51 | 0 | 26.2 |
| 12600078 | A | 31/12/1968 | 2 | PERF | 2.032 | AP | 50 | 25 | 26.2 |
| 12600079 | A | 1/01/1968 | 1 | PLAS | 3.048 | WT | 51 | 0 | 21 |
| 12600079 | A | 1/01/1968 | 2 | PERF | 2.032 | AP | 50 | 20.5 | 21 |
| 12600080 | A | 1/01/1968 | 1 | PLAS | | | 51 | 0 | 15.5 |
| 12600081 | A | 1/01/1968 | 1 | PLAS | 3.048 | WT | 51 | 0 | 11 |
| 12600081 | A | 1/01/1968 | 2 | PERF | 2.032 | AP | 50 | 10.4 | 11 |
| 12600082 | A | 20/04/1967 | 1 | PLAS | 3.048 | WT | 51 | 0 | 25.1 |
| 12600082 | A | 20/04/1967 | 2 | PERF | 2.032 | AP | 50 | 24.6 | 25.1 |
| 12600083 | A | 1/01/1968 | 1 | PLAS | | | 51 | 0 | 16.1 |
| 12600084 | A | 1/01/1968 | 1 | PLAS | 3.048 | WT | 51 | 0 | 12.1 |
| 12600084 | A | 1/01/1968 | 2 | PERF | 2.032 | AP | 50 | 11.3 | 11.9 |
| 12600353 | A | 4/08/1975 | 1 | PLAS | | | 50 | 0 | 23 |
| 12600353 | C | 4/08/1975 | 3 | PLAS | | | | 0 | 9.9 |
| 12600353 | B | 4/08/1975 | 2 | PLAS | | | | 0 | 15 |
| 12600354 | A | 29/06/1975 | 1 | PLAS | | | 51 | 0 | 25 |
| 12600354 | B | 29/06/1975 | 2 | PLAS | | | | 0 | 3 |
| 12600355 | A | 1/01/1975 | 1 | PLAS | | | 51 | 0 | 20 |
| 12600355 | B | 1/01/1975 | 2 | PLAS | | | | 0 | 7.9 |
| 12600551 | A | 28/04/2004 | 1 | PLAS | 50 | AP | | 0 | 22 |
| 12600551 | A | 28/04/2004 | 3 | BNSL | | | | 4 | 5 |
| 12600551 | A | 28/04/2004 | 4 | BNSL | | | | 13.5 | 14 |
| 12600551 | A | 28/04/2004 | 5 | BNSL | | | | 19.5 | 20 |
| 12600551 | A | 28/04/2004 | 6 | GRAV | | | | 5 | 25.3 |
| 12600551 | A | 28/04/2004 | 7 | FILL | | | | 0 | 4 |
| 12600551 | A | 28/04/2004 | 8 | | | | | | |
| 12600551 | A | 28/04/2004 | 2 | PERF | 50 | AP | | 22 | 24 |
| 12600552 | A | 3/05/2004 | 1 | PLAS | 50 | AP | | 0 | 8.3 |
| 12600552 | A | 3/05/2004 | 3 | BNSL | | | | 5.5 | 6 |
| 12600552 | A | 3/05/2004 | 4 | GRAV | | | | 6 | 10.5 |
| 12600552 | A | 3/05/2004 | 5 | FILL | | | | 0 | 5.5 |
| 12600552 | A | 3/05/2004 | 2 | PERF | 50 | AP | | 8.3 | 10.3 |
| 12600553 | A | 2/05/2004 | 1 | PLAS | 50 | AP | | 0 | 20.5 |
| 12600553 | A | 2/05/2004 | 3 | BNSL | | | | 5.5 | 6 |
| 12600553 | A | 2/05/2004 | 4 | BNSL | | | | 11 | 11.5 |
| 12600553 | A | 2/05/2004 | 5 | BNSL | | | | 18.5 | 19 |
| 12600553 | A | 2/05/2004 | 6 | GRAV | | | | 6 | 22.5 |
| 12600553 | A | 2/05/2004 | 7 | FILL | | | | 0 | 5.5 |
| 12600553 | A | 2/05/2004 | 2 | PERF | 50 | AP | | 20.5 | 22.5 |
| 12600554 | A | 3/05/2004 | 1 | PLAS | 50 | AP | | 0 | 8 |
| 12600554 | A | 3/05/2004 | 3 | BNSL | | | | 5 | 5.5 |
| 12600554 | A | 3/05/2004 | 4 | GRAV | | | | 5.5 | 10 |
| 12600554 | A | 3/05/2004 | 5 | FILL | | | | 0 | 5 |
| 12600554 | A | 3/05/2004 | 2 | PERF | 50 | AP | | 8 | 10 |
| 12600555 | A | 28/04/2004 | 1 | PLAS | 50 | AP | | 0 | 19 |
| 12600555 | A | 28/04/2004 | 3 | BNSL | | | | 5 | 5.5 |
| 12600555 | A | 28/04/2004 | 4 | BNSL | | | | 13 | 13.5 |
| 12600555 | A | 28/04/2004 | 5 | BNSL | | | | 18 | 18.5 |
| 12600555 | A | 28/04/2004 | 6 | GRAV | | | | 5.5 | 21.5 |
| 12600555 | A | 28/04/2004 | 7 | FILL | | | | 0 | 5 |
| 12600555 | A | 28/04/2004 | 2 | PERF | 50 | AP | | 19 | 21 |
| 12600556 | A | 30/04/2004 | 2 | PERF | 50 | AP | | 6 | 8 |
| 12600556 | A | 30/04/2004 | 1 | PLAS | 50 | AP | | 0 | 6 |
| 12600556 | A | 30/04/2004 | 3 | STEL | | | | 8.5 | 21.5 |
| 12600556 | A | 30/04/2004 | 4 | BNSL | | | | 4.5 | 5 |
| 12600556 | A | 30/04/2004 | 5 | GRAV | | | | 5 | 22.5 |

| RN | PIPE | RDATE | REC | MATERIAL DESC | MATERIAL SIZE | SIZE_DESC | OUT DIAMETER | TOP | BOTTOM |
|---|---|---|---|---|---|---|---|---|---|
| 12600556 | A | 30/04/2004 | 6 | FILL | | | | 0 | 4.5 |
| 12600595 | A | 27/10/2011 | 1 | PVC | 4.9 | WT | 89 | 0 | 22 |
| 12600595 | X | 27/10/2011 | 3 | GROU | | | 215 | 0 | 1 |
| 12600595 | X | 27/10/2011 | 4 | GROU | | | 180 | 1 | 5 |
| 12600595 | X | 27/10/2011 | 5 | FILL | | | 180 | 5 | 11 |
| 12600595 | X | 27/10/2011 | 6 | BNSL | | | 180 | 11 | 12 |
| 12600595 | X | 27/10/2011 | 7 | FILL | | | 180 | 12 | 16 |
| 12600595 | X | 27/10/2011 | 8 | BNSL | | | 180 | 16 | 18 |
| 12600595 | X | 27/10/2011 | 9 | GRAV | 10 | GR | 180 | 18 | 29 |
| 12600595 | A | 27/10/2011 | 2 | PERF | 1 | AP | 89 | 19 | 22 |
| 12600596 | A | 28/10/2011 | 1 | PVC | 3.3 | WT | 60 | 0 | 16 |
| 12600596 | X | 28/10/2011 | 3 | GROU | | | 215 | 0 | 1 |
| 12600596 | X | 28/10/2011 | 4 | GROU | | | 180 | 1 | 12 |
| 12600596 | X | 28/10/2011 | 5 | BNSL | | | 180 | 12 | 13 |
| 12600596 | X | 28/10/2011 | 6 | GRAV | 10 | GR | 180 | 13 | 16.5 |
| 12600596 | A | 28/10/2011 | 2 | PERF | 1 | AP | 60 | 13 | 16 |
| 12600597 | A | 28/10/2011 | 1 | PVC | 3.3 | WT | 60 | 0 | 10 |
| 12600597 | X | 28/10/2011 | 3 | GROU | | | 215 | 0 | 1 |
| 12600597 | X | 28/10/2011 | 4 | GROU | | | 180 | 1 | 5 |
| 12600597 | X | 28/10/2011 | 5 | BNSL | | | 180 | 5 | 6 |
| 12600597 | X | 28/10/2011 | 6 | GRAV | 10 | GR | 180 | 6 | 10 |
| 12600597 | A | 28/10/2011 | 2 | PERF | 1 | AP | 60 | 7 | 10 |

| RN | PIPE | RDATE | MEAS_POINT | PRECISION | DATUM | ELEVATION | SURVEY_SOURCE |
|---|---|---|---|---|---|---|---|
| 20401 | A | 31/01/1967 | R | SVY | AHD | 6.47 | |
| 20401 | X | 31/01/1967 | N | SVY | AHD | 5.74 | |
| 34508 | X | 5/02/2003 | N | EST | AHD | 3.91 | |
| 37519 | X | 5/02/2003 | N | EST | AHD | 3.61 | |
| 46134 | X | 5/02/2003 | N | EST | AHD | 4.41 | |
| 46451 | X | 5/02/2003 | N | EST | AHD | 3.25 | |
| 46805 | A | 15/03/1971 | R | SVY | STD | 6.78 | |
| 46805 | X | 15/03/1971 | N | SVY | STD | 5.33 | |
| 46809 | A | 19/05/1971 | R | SVY | STD | 8.48 | |
| 46809 | X | 19/05/1971 | N | SVY | STD | 7.92 | |
| 46810 | A | 1/01/2100 | R | SVY | STD | 5.27 | |
| 46810 | X | 1/01/2100 | N | SVY | STD | 4.2 | |
| 81031 | X | 5/02/2003 | N | EST | AHD | 5.82 | |
| 104350 | X | 5/02/2003 | N | EST | AHD | 4.16 | |
| 104352 | X | 5/02/2003 | N | EST | AHD | 4.29 | |
| 104354 | X | 5/02/2003 | N | EST | AHD | 4.4 | |
| 104355 | X | 5/02/2003 | N | EST | AHD | 4.45 | |
| 104356 | X | 5/02/2003 | N | EST | AHD | 4.26 | |
| 104358 | X | 13/02/2003 | N | EST | AHD | 3.87 | |
| 104375 | X | 5/02/2003 | N | EST | AHD | 4.66 | |
| 104376 | X | 5/02/2003 | N | EST | AHD | 4.61 | |
| 104377 | X | 5/02/2003 | N | EST | AHD | 4.66 | |
| 104381 | X | 5/02/2003 | N | EST | AHD | 4.06 | |
| 104382 | X | 5/02/2003 | N | EST | AHD | 4.36 | |
| 104387 | X | 5/02/2003 | N | EST | AHD | 3.89 | |
| 104389 | X | 5/02/2003 | N | EST | AHD | 4.5 | |
| 12500143 | X | 1/01/1949 | N | SVY | AHD | 5.21 | |
| 12500146 | X | 1/01/1949 | N | SVY | AHD | 5.39 | |
| 12500147 | X | 1/01/1949 | N | SVY | AHD | 5.82 | |
| 12500148 | X | 1/01/1949 | N | SVY | AHD | 5.29 | |
| 12500149 | X | 1/01/1949 | N | SVY | AHD | 5.86 | |
| 12500150 | X | 1/01/1949 | N | SVY | AHD | 6.49 | |
| 12500151 | X | 1/01/1949 | N | SVY | AHD | 6.46 | |
| 12500152 | X | 1/01/1949 | N | SVY | AHD | 6.71 | |
| 12500153 | X | 1/01/1949 | N | SVY | AHD | 6.85 | |
| 12500154 | X | 1/01/1949 | N | SVY | AHD | 6.85 | |
| 12500155 | X | 1/01/1949 | N | SVY | AHD | 7.08 | |
| 12500156 | X | 1/01/1949 | N | SVY | AHD | 7.12 | |
| 12500157 | X | 1/01/1949 | N | SVY | AHD | 7.38 | |
| 12500158 | X | 1/01/1949 | N | SVY | AHD | 8.05 | |
| 12500159 | X | 1/01/1949 | N | SVY | AHD | 8.39 | |
| 12500160 | X | 1/01/1949 | N | SVY | AHD | 8.47 | |
| 12500161 | X | 1/01/1949 | N | SVY | AHD | 8.4 | |
| 12500275 | A | 31/10/2011 | R | SVY | AHD | 5.61 | WGS 84 |
| 12500275 | X | 31/10/2011 | N | SVY | AHD | 5.61 | |
| 12500276 | X | 31/10/2011 | N | SVY | AHD | 5.61 | |
| 12500276 | A | 31/10/2011 | R | SVY | AHD | 5.61 | DERM WGS 84 |
| 12500277 | A | 31/10/2011 | R | SVY | AHD | 5.63 | DERM WGS84 |
| 12500277 | X | 31/10/2011 | N | SVY | AHD | 5.63 | |
| 12600077 | A | 8/05/1968 | R | SVY | AHD | 4.82 | |
| 12600077 | X | 8/05/1968 | N | SVY | AHD | 4.41 | |
| 12600078 | A | 6/03/1968 | R | SVY | AHD | 5.03 | |
| 12600078 | X | 6/03/1968 | N | SVY | AHD | 4.6 | |
| 12600079 | A | 6/03/1968 | R | SVY | AHD | 5.03 | |
| 12600079 | X | 6/03/1968 | N | SVY | AHD | 4.59 | |
| 12600080 | A | 6/03/1968 | R | SVY | AHD | 5.02 | |
| 12600080 | X | 6/03/1968 | N | SVY | AHD | 4.59 | |
| 12600081 | A | 6/03/1968 | R | SVY | AHD | 4.99 | |
| 12600081 | X | 6/03/1968 | N | SVY | AHD | 4.57 | |
| 12600082 | A | 8/04/1968 | R | SVY | AHD | 4.56 | |
| 12600082 | X | 8/04/1968 | N | SVY | AHD | 4.1 | |
| 12600083 | A | 8/04/1968 | R | SVY | AHD | 4.49 | |
| 12600083 | X | 8/04/1968 | N | SVY | AHD | 4.1 | |
| 12600084 | A | 8/04/1968 | R | SVY | AHD | 4.51 | |
| 12600084 | X | 8/04/1968 | N | SVY | AHD | 4.1 | |
| 12600195 | X | 1/01/2100 | N | SVY | AHD | 7.04 | |
| 12600196 | X | 1/01/2100 | N | SVY | AHD | 5.57 | |
| 12600197 | X | 1/01/1950 | N | SVY | AHD | 4.87 | |
| 12600198 | X | 1/01/2100 | N | SVY | AHD | 4.87 | |
| 12600199 | X | 1/01/2100 | N | SVY | AHD | 5.11 | |
| 12600200 | X | 1/01/2100 | N | SVY | AHD | 4.8 | |
| 12600201 | X | 1/01/2100 | N | SVY | AHD | 4.38 | |
| 12600202 | X | 1/01/2100 | N | SVY | AHD | 4.79 | |
| 12600203 | X | 1/01/2100 | N | SVY | AHD | 4.26 | |
| 12600204 | X | 1/01/2100 | N | SVY | AHD | 3.95 | |
| 12600353 | A | 4/08/1975 | R | SVY | AHD | 5.29 | |
| 12600353 | B | 4/08/1975 | R | SVY | AHD | 5.29 | |
| 12600353 | C | 4/08/1975 | R | SVY | AHD | 5.29 | |
| 12600353 | X | 4/08/1975 | N | SVY | AHD | 4.98 | |
| 12600353 | A | 1/10/2000 | R | SVY | AHD | 5.59 | 300MM ABOVE OLD REF PT |
| 12600353 | B | 1/10/2000 | R | SVY | AHD | 5.59 | 300MM ABOVE OLD REF PT |
| 12600353 | C | 1/10/2000 | R | SVY | AHD | 5.59 | 300MM ABOVE OLD REF PT |
| 12600354 | A | 1/08/1975 | R | SVY | AHD | 4.79 | |
| 12600354 | B | 1/08/1975 | R | SVY | AHD | 4.79 | |
| 12600354 | X | 1/08/1975 | N | SVY | AHD | 4.36 | |
| 12600355 | A | 1/08/1975 | R | SVY | AHD | 3.86 | |
| 12600355 | B | 1/08/1975 | R | SVY | AHD | 3.86 | |
| 12600355 | X | 1/08/1975 | N | SVY | AHD | 3.67 | |
| 12600595 | A | 31/10/2011 | R | SVY | AHD | 4.14 | DERM WGS 84 |
| 12600596 | A | 28/10/2011 | R | SVY | AHD | 4.14 | DERM WGS 84 |
| 12600597 | A | 28/10/2011 | R | SVY | AHD | 4.12 | DERM WGS84 |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20391 | A | 11/12/1967 | R | -0.48 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 13/03/1979 | R | -1 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 4/04/1975 | R | -1.01 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 24/05/1977 | R | -1.02 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 22/02/1978 | R | -1.11 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 3/03/1976 | R | -1.2 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 1/04/1977 | R | -1.2 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 30/03/1967 | R | -1.22 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 25/06/1979 | R | -1.38 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 22/02/1968 | R | -1.52 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 8/03/1971 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 11/07/1973 | R | -1.63 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 15/12/1972 | R | -1.7 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 9/06/1978 | R | -1.7 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 7/04/1970 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 29/06/1972 | R | -1.92 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 30/06/1975 | R | -1.92 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 25/06/1976 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 5/08/1977 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 4/03/1970 | R | -1.96 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 27/01/1970 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 7/07/1970 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 22/12/1976 | R | -2 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 20/03/1981 | R | -2 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 8/08/1978 | R | -2.03 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 30/01/1968 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 12/03/1973 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 29/10/1976 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 1/06/1970 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 6/03/1968 | R | -2.19 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 30/05/1980 | R | -2.2 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 8/04/1968 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 23/11/1977 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 21/04/1969 | R | -2.23 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 1/10/1970 | R | -2.24 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 29/09/1967 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 19/08/1969 | R | -2.33 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 3/06/1968 | R | -2.39 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 11/10/1968 | R | -2.41 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 15/02/1980 | R | -2.43 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 30/06/1967 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 29/09/1969 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 24/11/1970 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 11/09/1968 | R | -2.49 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 16/10/1978 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 31/01/1967 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 11/10/1972 | R | -2.67 | P | NR | 130 | NR | | NR | NR |
| 20391 | A | 11/03/1969 | R | -2.67 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 28/07/1980 | R | -2.68 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 26/05/1969 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 20391 | X | 10/09/1965 | N | -2.7 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 4/08/1971 | R | -2.71 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 8/05/1968 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 22/09/1975 | R | -2.73 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 18/07/1969 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 25/08/1981 | R | -2.75 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 31/01/1969 | R | -2.85 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 21/11/1975 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 17/06/1969 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 27/02/1967 | R | -3 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 1/11/1979 | R | -3 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 14/08/1968 | R | -3.1 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 20/11/1969 | R | -3.12 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 13/05/1971 | R | -3.29 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 30/05/1967 | R | -3.61 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 31/07/1967 | R | -3.61 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 2/07/1968 | R | -3.63 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 30/11/1971 | R | -3.66 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 13/11/1981 | R | -3.8 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 19/05/1982 | R | -3.85 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 13/11/1980 | R | -4.36 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 17/08/1982 | R | -4.36 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 18/02/1982 | R | -4.4 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 28/10/1982 | R | -5.1 | | NR | 130 | NR | | NR | NR |
| 20391 | A | 18/01/1973 | R | -5.46 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 4/04/1975 | R | -1 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 3/03/1976 | R | -1.02 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 1/04/1977 | R | -1.2 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 7/04/1970 | R | -1.52 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 9/03/1972 | R | -1.55 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 8/03/1971 | R | -1.69 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 31/05/1977 | R | -1.7 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 1/06/1970 | R | -1.72 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 4/03/1970 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 30/06/1975 | R | -1.87 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 22/02/1968 | R | -1.96 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 25/06/1976 | R | -2 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 8/04/1968 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 6/03/1968 | R | -2.08 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 8/05/1968 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 3/06/1968 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 22/09/1975 | R | -2.18 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 29/06/1972 | R | -2.19 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 2/07/1968 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 21/11/1975 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 11/07/1973 | R | -2.25 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 14/08/1968 | R | -2.29 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 4/08/1971 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 18/07/1969 | R | -2.31 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 22/12/1976 | R | -2.31 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 3/03/1978 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 11/09/1968 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 27/01/1970 | R | -2.38 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 30/01/1968 | R | -2.39 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 19/08/1969 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 1/10/1970 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 14/05/1971 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 29/10/1976 | R | -2.48 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 11/10/1968 | R | -2.49 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 17/06/1969 | R | -2.49 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 12/03/1973 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 26/05/1969 | R | -2.54 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 29/09/1969 | R | -2.56 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 30/11/1971 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 17/08/1977 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 09/09/1865 | N | -2.7 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 11/10/1972 | R | -2.71 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 30/06/1967 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 20/11/1969 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 21/04/1969 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 24/11/1970 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 11/12/1967 | R | -2.82 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 31/01/1969 | R | -2.84 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 31/07/1967 | R | -2.87 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 15/12/1972 | R | -2.93 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 11/03/1969 | R | -2.94 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 29/09/1967 | R | -3 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 18/01/1973 | R | -3 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 2/12/1977 | R | -3 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 30/05/1967 | R | -3.22 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 31/01/1967 | R | -3.3 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 30/03/1967 | R | -3.51 | | NR | 130 | NR | | NR | NR |
| 20401 | A | 27/02/1967 | R | -3.61 | | NR | 130 | NR | | NR | NR |
| 20595 | X | 25/05/1966 | N | -2.1 | | NR | 130 | NR | | NR | NR |
| 30946 | A | 23/11/1970 | N | -1.9 | | NR | 130 | NR | | NR | NR |
| 34508 | X | 28/08/1970 | N | -2.5 | | NR | 130 | NR | | NR | NR |
| 37519 | A | 19/08/1972 | N | -1.7 | | NR | 130 | NR | | NR | NR |
| 46017 | A | 14/10/1976 | N | -4.27 | | NR | 130 | NR | | NR | NR |
| 46134 | X | 14/02/1975 | N | -2.1 | | NR | 130 | NR | | NR | NR |
| 46411 | X | 5/09/1977 | N | -1.5 | | NR | 130 | NR | | NR | NR |
| 46425 | X | 6/11/1976 | N | -2.4 | | NR | 130 | NR | | NR | NR |
| 46451 | X | 17/09/1976 | N | -2.4 | | NR | 130 | NR | | NR | NR |
| 46805 | A | 15/03/1971 | R | -6.58 | | NR | 130 | NR | | NR | NR |
| 46805 | A | 1/09/1971 | R | -6.61 | | NR | 130 | NR | | NR | NR |
| 46805 | A | 30/11/1971 | R | -6.71 | | NR | 130 | NR | | NR | NR |
| 46809 | A | 19/05/1971 | R | -5.18 | | NR | 130 | NR | | NR | NR |
| 46809 | A | 5/08/1971 | R | -5.44 | | NR | 130 | NR | | NR | NR |
| 46811 | A | 9/03/1972 | R | -1.62 | | NR | 130 | NR | | NR | NR |
| 46811 | A | 8/03/1971 | R | -2.47 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 46811 | A | 5/08/1971 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 46811 | A | 30/11/1971 | R | -3.35 | | NR | 130 | NR | | NR | NR |
| 46811 | A | 13/05/1971 | R | -3.46 | | NR | 130 | NR | | NR | NR |
| 85030 | A | 9/03/1987 | N | -3.5 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 1/04/1977 | R | -3.1 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 24/05/1977 | R | -3.18 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 30/06/1975 | R | -4.3 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 3/03/1976 | R | -4.35 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 30/06/1967 | R | -4.37 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 8/03/1971 | R | -4.37 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 22/02/1968 | R | -4.5 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 4/04/1975 | R | -4.58 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 4/08/1977 | R | -4.6 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 9/03/1972 | R | -4.88 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 28/06/1976 | R | -4.89 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 22/12/1976 | R | -4.92 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 29/10/1976 | R | -5 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 22/09/1975 | R | -5.1 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 6/03/1968 | R | -5.16 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 27/01/1970 | R | -5.18 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 4/03/1970 | R | -5.18 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 30/01/1968 | R | -5.26 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 8/04/1968 | R | -5.31 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 7/04/1970 | R | -5.33 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 21/11/1975 | R | -5.34 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 1/06/1970 | R | -5.41 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 12/03/1973 | R | -5.52 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 27/02/1967 | R | -5.62 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 11/07/1973 | R | -5.7 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 31/01/1967 | R | -5.72 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 21/04/1969 | R | -5.72 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 31/01/1969 | R | -5.74 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 11/12/1967 | R | -5.77 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 11/03/1969 | R | -5.79 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 29/09/1969 | R | -5.79 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 8/05/1968 | R | -5.8 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 17/06/1969 | R | -5.82 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 13/05/1971 | R | -5.82 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 30/03/1967 | R | -5.87 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 18/07/1969 | R | -5.87 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 19/08/1969 | R | -5.87 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 31/07/1967 | R | -5.89 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 3/06/1968 | R | -5.92 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 20/11/1969 | R | -5.92 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 11/09/1968 | R | -5.97 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 26/05/1969 | R | -5.97 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 7/07/1970 | R | -5.97 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 24/11/1970 | R | -5.97 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 7/07/1970 | R | -5.97 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 24/11/1970 | R | -5.97 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 30/11/1971 | R | -5.97 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 28/06/1972 | R | -6 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 14/08/1968 | R | -6.02 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 4/08/1971 | R | -6.04 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 11/10/1972 | R | -6.05 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 2/07/1968 | R | -6.07 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 30/05/1967 | R | -6.07 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 3/10/1968 | R | -6.1 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 1/10/1970 | R | -6.4 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 29/09/1967 | R | -6.45 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 15/12/1972 | R | -6.48 | | NR | 130 | NR | | NR | NR |
| 99339 | A | 18/01/1973 | R | -6.58 | | NR | 130 | NR | | NR | NR |
| 105688 | A | 30/06/2004 | N | -7 | | NR | 130 | NR | | NR | NR |
| 105689 | A | 24/04/2004 | N | -3.6 | | NR | 130 | NR | | NR | NR |
| 105717 | A | 24/11/2004 | N | -4.27 | | NR | 130 | NR | | NR | NR |
| 105721 | A | 24/10/2004 | N | -7 | | NR | 130 | NR | | NR | NR |
| 105731 | A | 23/08/2004 | N | -8 | | NR | 130 | NR | | NR | NR |
| 105971 | A | 31/08/2005 | N | -3 | | NR | 130 | NR | | NR | NR |
| 105978 | A | 14/01/2004 | N | -5.18 | | NR | 130 | NR | | NR | NR |
| 105993 | A | 6/12/2004 | N | -6 | | NR | 130 | NR | | NR | NR |
| 131308 | A | 15/07/2005 | N | -4 | | NR | 130 | NR | | NR | NR |
| 131309 | A | 15/07/2005 | N | -4 | | NR | 130 | NR | | NR | NR |
| 131332 | A | 24/11/2005 | N | -3.04 | | NR | 130 | NR | | NR | NR |
| 131333 | A | 21/06/2005 | N | -2.43 | | NR | 130 | NR | | NR | NR |
| 131335 | A | 23/12/2004 | N | -6.09 | | NR | 130 | NR | | NR | NR |
| 131337 | A | 26/09/2005 | N | -4.57 | | NR | 130 | NR | | NR | NR |
| 131419 | A | 29/11/2005 | N | -4.1 | | NR | 130 | NR | | NR | NR |
| 131421 | A | 24/11/2005 | N | -2.7 | | NR | 130 | NR | | NR | NR |
| 131672 | A | 19/01/2006 | N | -3.65 | | NR | 130 | NR | | NR | NR |
| 131759 | A | 29/01/2006 | N | -5.79 | | NR | 130 | NR | | NR | NR |
| 131771 | A | 3/09/2004 | N | -5 | | NR | 130 | NR | | NR | NR |
| 141213 | A | 7/06/2007 | N | -2.5 | | NR | 130 | NR | | NR | NR |
| 141214 | A | 7/06/2007 | N | -2.5 | | NR | 130 | NR | | NR | NR |
| 141215 | A | 7/06/2007 | N | -2.5 | | NR | 130 | NR | | NR | NR |
| 12500275 | A | 16/04/2014 | R | -1.55 | | NR | 130 | NR | | NR | NR |
| 12500275 | A | 10/05/2013 | R | -1.72 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500275 | A | 7/02/2012 | R | -1.94 | | NR | 130 | NR | | NR | NR |
| 12500275 | A | 6/01/2012 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12500275 | A | 31/10/2011 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12500275 | A | 20/05/2015 | R | -2.61 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500275 | A | 22/10/2013 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12500275 | A | 17/08/2015 | R | -2.78 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500275 | A | 17/12/2014 | R | -2.8 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500275 | A | 3/09/2014 | R | -4.04 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500276 | A | 1/04/2014 | R | -1.48 | | NR | 130 | NR | | NR | NR |
| 12500276 | A | 10/05/2013 | R | -1.76 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500276 | A | 7/02/2012 | R | -2.01 | | NR | 130 | NR | | NR | NR |
| 12500276 | A | 20/05/2015 | R | -2.64 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500276 | A | 10/01/2012 | R | -2.69 | | NR | 130 | NR | | NR | NR |
| 12500276 | A | 31/10/2011 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12500276 | A | 17/08/2015 | R | -2.83 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500276 | A | 22/10/2013 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12500276 | A | 17/12/2014 | R | -2.85 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500276 | A | 17/11/2015 | R | -2.88 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500276 | A | 3/09/2014 | R | -4.38 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500277 | A | 1/04/2014 | R | -1.49 | | NR | 130 | NR | | NR | NR |
| 12500277 | A | 10/05/2013 | R | -1.74 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500277 | A | 7/02/2012 | R | -1.99 | | NR | 130 | NR | | NR | NR |
| 12500277 | A | 4/09/2014 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 12500277 | A | 20/05/2015 | R | -2.63 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500277 | A | 10/01/2012 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12500277 | A | 31/10/2011 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12500277 | A | 17/12/2014 | R | -2.81 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500277 | A | 17/08/2015 | R | -2.82 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12500277 | A | 22/10/2013 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12500277 | A | 17/11/2015 | R | -2.97 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 17/11/2015 | R | -0.52 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 20/05/2015 | R | -0.61 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 15/05/1998 | R | -0.62 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 29/03/2010 | R | -0.72 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 19/06/2007 | R | -0.74 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 3/03/2008 | R | -0.75 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 1/09/1998 | R | -0.77 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 15/02/2007 | R | -0.77 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 28/03/2011 | R | -0.77 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 13/03/2009 | R | -0.8 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 11/04/2011 | R | -0.83 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 4/03/1997 | R | -0.91 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 27/03/2007 | R | -0.91 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 25/02/2015 | R | -1.07 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 19/04/2000 | R | -1.11 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 1/04/1999 | R | -1.14 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 3/12/2007 | R | -1.16 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 18/03/2014 | R | -1.19 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 26/03/1974 | R | -1.28 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 7/03/1996 | R | -1.32 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 6/05/2013 | R | -1.37 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 16/11/2007 | R | -1.37 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 25/05/2009 | R | -1.38 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 14/05/2014 | R | -1.38 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 17/04/2012 | R | -1.38 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 22/02/1979 | R | -1.4 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 17/12/2014 | R | -1.41 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 4/04/1975 | R | -1.42 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 24/05/1977 | R | -1.45 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 3/03/1976 | R | -1.48 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 4/07/2000 | R | -1.48 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 8/06/2010 | R | -1.48 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 22/03/2001 | R | -1.49 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 8/04/1992 | R | -1.51 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 23/03/1972 | R | -1.52 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600077 | A | 8/06/2004 | R | -1.53 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 15/06/2011 | R | -1.56 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 13/06/2006 | R | -1.58 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 26/06/2009 | R | -1.58 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 10/04/2006 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 15/06/2001 | R | -1.66 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 5/06/1997 | R | -1.67 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 12/09/2014 | R | -1.67 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 13/09/2007 | R | -1.68 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 12/05/1997 | R | -1.71 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 1/04/1977 | R | -1.73 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 15/03/2006 | R | -1.73 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 8/03/2002 | R | -1.74 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 3/06/1968 | R | -1.75 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 23/07/2010 | R | -1.75 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 25/06/1979 | R | -1.75 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 19/03/1981 | R | -1.76 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 11/06/2008 | R | -1.77 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 12/06/1996 | R | -1.78 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 17/06/1998 | R | -1.78 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 20/03/1981 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 24/04/1996 | R | -1.81 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 22/05/2008 | R | -1.81 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 2/03/1970 | R | -1.83 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 13/05/1971 | R | -1.83 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 30/05/1980 | R | -1.83 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 16/11/1998 | R | -1.83 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 8/03/2005 | R | -1.85 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 11/01/1977 | R | -1.86 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 19/05/1982 | R | -1.86 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 30/06/1975 | R | -1.86 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 1/06/1978 | R | -1.87 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 20/05/2005 | R | -1.88 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 3/06/2002 | R | -1.88 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 8/08/1978 | R | -1.89 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 28/07/1980 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 17/03/1994 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 4/02/1998 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 5/09/1991 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 8/05/1968 | R | -1.91 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 2/09/2008 | R | -1.91 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 2/07/1968 | R | -1.93 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 25/06/1976 | R | -1.93 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 10/12/2012 | R | -1.94 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 17/06/1994 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 20/03/1980 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 14/08/1968 | R | -1.96 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 22/10/2013 | R | -1.96 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 12/03/1973 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 11/07/1973 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 2/11/1976 | R | -1.99 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 25/08/1976 | R | -2.02 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 4/08/2005 | R | -2.02 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 29/06/1972 | R | -2.03 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 22/02/1978 | R | -2.03 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 6/08/1996 | R | -2.03 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 4/08/1971 | R | -2.03 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 14/02/2005 | R | -2.04 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 17/08/2015 | R | -2.04 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 11/09/1968 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 7/04/1970 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 21/04/1994 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 24/11/2011 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 29/10/1976 | R | -2.07 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 23/10/2006 | R | -2.07 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 2/09/1996 | R | -2.09 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 23/05/1986 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 25/07/1994 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 27/06/2005 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 16/12/2009 | R | -2.1 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 9/09/1999 | R | -2.11 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 18/07/1969 | R | -2.11 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 2/09/2005 | R | -2.13 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 27/01/1970 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 16/10/1978 | R | -2.14 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 3/11/2006 | R | -2.14 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 1/10/1996 | R | -2.15 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 17/06/1969 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 7/07/1970 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 14/03/1969 | R | -2.18 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 10/01/1991 | R | -2.2 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 30/03/2005 | R | -2.2 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 21/04/1969 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 26/05/1969 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 17/08/1982 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 9/03/2004 | R | -2.21 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 4/08/1983 | R | -2.22 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 2/11/2009 | R | -2.22 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 17/08/1994 | R | -2.22 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 18/01/2007 | R | -2.25 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 11/10/1968 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 25/08/1981 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 9/09/2002 | R | -2.28 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 19/08/1969 | R | -2.29 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 29/09/1969 | R | -2.29 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 17/06/2004 | R | -2.29 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 28/02/1986 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 8/05/1991 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 24/01/1997 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 20/09/2001 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 1/06/1970 | R | -2.33 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 30/11/1971 | R | -2.33 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 7/12/1995 | R | -2.33 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 14/05/2003 | R | -2.33 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 31/01/1969 | R | -2.34 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 25/10/1978 | R | -2.34 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 9/12/1981 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 5/08/1977 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 9/03/1993 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 18/09/1995 | R | -2.38 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 1/10/1993 | R | -2.39 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 25/01/2006 | R | -2.39 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 15/09/1994 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 3/11/1993 | R | -2.41 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 16/12/2005 | R | -2.42 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 17/11/1988 | R | -2.43 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 8/03/1971 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 30/09/1976 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 13/03/1985 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 21/11/1986 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 16/03/1990 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 20/11/1969 | R | -2.46 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 17/07/1987 | R | -2.46 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 5/08/1974 | R | -2.48 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 22/09/2003 | R | -2.48 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 21/04/1982 | R | -2.49 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 22/09/1975 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 12/09/1986 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 29/02/1988 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 3/01/1990 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 16/12/1994 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 15/04/1998 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 1/12/2008 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 25/08/1992 | R | -2.52 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 21/11/1975 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 1/10/1970 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 3/10/1994 | R | -2.58 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 3/08/2004 | R | -2.58 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 23/03/1983 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 25/08/1993 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 13/07/1984 | R | -2.62 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 22/12/1976 | R | -2.65 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 21/11/1996 | R | -2.65 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 15/02/1980 | R | -2.67 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 27/11/2006 | R | -2.68 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 19/10/1984 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 3/12/2001 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 27/09/1979 | R | -2.78 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 24/11/1970 | R | -2.8 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600077 | A | 27/09/2004 | R | -2.81 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 12/02/1993 | R | -2.82 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 29/10/1997 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 10/12/2003 | R | -2.87 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600077 | A | 11/10/1972 | R | -2.88 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 20/11/1987 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 11/05/1995 | R | -2.93 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 22/04/1993 | R | -2.93 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 19/02/2003 | R | -2.94 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 6/09/1990 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 29/11/1994 | R | -3.08 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 5/11/1974 | R | -3.12 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 29/03/1995 | R | -3.12 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 23/11/1977 | R | -3.15 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 19/04/1995 | R | -3.28 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 21/06/1995 | R | -3.28 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 1/11/1979 | R | -3.47 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 15/12/1972 | R | -3.49 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 18/01/1973 | R | -3.51 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 13/11/1980 | R | -3.85 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 14/12/1976 | R | -3.9 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 9/10/1980 | R | -3.99 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 8/12/1992 | R | -4.16 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 13/11/1981 | R | -4.23 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 18/02/1982 | R | -4.25 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 26/10/1992 | R | -4.62 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 28/10/1982 | R | -4.68 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 20/03/1987 | R | -5.1 | | NR | 130 | NR | | NR | NR |
| 12600077 | A | 15/08/2012 | R | -8.87 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 30/03/1999 | R | -1.32 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 20/03/1981 | R | -1.5 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 23/03/1972 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 1/04/1977 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 26/03/1974 | R | -1.94 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 30/05/1980 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 28/07/1980 | R | -2.07 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 29/06/1972 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 13/03/1979 | R | -2.2 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 8/04/1968 | R | -2.23 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 13/05/1971 | R | -2.32 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 8/03/1971 | R | -2.33 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 4/08/1971 | R | -2.39 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 4/04/1975 | R | -2.41 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 3/03/1976 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 15/02/1980 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 7/04/1970 | R | -2.46 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 24/05/1977 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 30/11/1971 | R | -2.53 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 9/04/1990 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 6/03/1968 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 2/03/1970 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 23/05/1989 | R | -2.58 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 27/01/1970 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 25/06/1979 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 14/03/1969 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 4/08/1983 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 23/05/1986 | R | -2.64 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 22/02/1978 | R | -2.66 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 1/06/1978 | R | -2.66 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 14/08/1968 | R | -2.69 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 8/08/1978 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 22/12/1976 | R | -2.71 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 8/05/1968 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 30/06/1975 | R | -2.73 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 11/09/1968 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 1/06/1970 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 3/06/1968 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 17/06/1969 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 18/07/1969 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 29/10/1976 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 25/06/1976 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 11/07/1973 | R | -2.81 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 31/01/1969 | R | -2.82 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 29/09/1969 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 2/07/1968 | R | -2.84 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 7/07/1970 | R | -2.86 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 11/10/1968 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 21/04/1969 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 13/10/1978 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 19/08/1969 | R | -2.92 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 17/07/1987 | R | -2.92 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 26/05/1969 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 12/09/1986 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 20/11/1969 | R | -2.97 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 11/10/1972 | R | -2.97 | P | NR | 130 | NR | | NR | NR |
| 12600078 | A | 5/08/1977 | R | -3 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 23/03/1983 | R | -3 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 29/02/1988 | R | -3 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 3/01/1990 | R | -3 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 12/03/1973 | R | -3.05 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 5/08/1974 | R | -3.05 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 24/11/1970 | R | -3.09 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 23/11/1977 | R | -3.1 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 21/11/1986 | R | -3.1 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 21/11/1975 | R | -3.13 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 20/11/1987 | R | -3.15 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 22/09/1975 | R | -3.25 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 1/11/1979 | R | -3.26 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 25/08/1981 | R | -3.27 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 1/10/1970 | R | -3.29 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 13/11/1980 | R | -3.45 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 6/09/1990 | R | -3.5 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 5/11/1974 | R | -3.62 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 19/05/1982 | R | -3.71 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 18/01/1973 | R | -3.75 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 15/12/1972 | R | -3.78 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 17/11/1988 | R | -3.81 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 17/08/1982 | R | -3.95 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 13/03/1985 | R | -4 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 20/03/1987 | R | -4.2 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 13/11/1981 | R | -4.26 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 19/10/1984 | R | -4.3 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 28/10/1982 | R | -4.56 | | NR | 130 | NR | | NR | NR |
| 12600078 | A | 18/02/1982 | R | -4.6 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 20/03/1981 | R | -1.5 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 23/03/1972 | R | -1.52 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 1/04/1977 | R | -1.78 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 26/03/1974 | R | -1.87 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 30/05/1980 | R | -2.01 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 28/07/1980 | R | -2.07 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 4/04/1975 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 29/06/1972 | R | -2.12 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 13/03/1979 | R | -2.15 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 8/04/1968 | R | -2.23 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 8/03/1971 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 13/05/1971 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 4/08/1971 | R | -2.32 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 23/05/1989 | R | -2.43 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 30/11/1971 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 3/03/1976 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 15/02/1980 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 7/04/1970 | R | -2.46 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 24/05/1977 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 4/08/1983 | R | -2.53 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 25/06/1979 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 6/03/1968 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 2/03/1970 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 27/01/1970 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 14/03/1969 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 9/04/1990 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 23/05/1986 | R | -2.65 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 22/02/1978 | R | -2.66 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 1/06/1978 | R | -2.66 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 14/08/1968 | R | -2.69 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 22/12/1976 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 8/08/1978 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 8/05/1968 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 11/09/1968 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 1/06/1970 | R | -2.74 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600079 | A | 18/07/1969 | R | -2.76 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 3/06/1968 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 17/06/1969 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 11/10/1972 | R | -2.8 | P | NR | 130 | NR | | NR | NR |
| 12600079 | A | 25/06/1976 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 29/10/1976 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 29/09/1969 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 30/06/1975 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 2/07/1968 | R | -2.84 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 31/01/1969 | R | -2.84 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 21/04/1969 | R | -2.84 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 7/07/1970 | R | -2.86 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 5/08/1974 | R | -2.89 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 11/10/1968 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 13/10/1978 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 26/05/1969 | R | -2.92 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 17/07/1987 | R | -2.92 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 19/08/1969 | R | -2.92 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 23/03/1983 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 12/09/1986 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 3/01/1990 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 20/11/1969 | R | -2.97 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 5/08/1977 | R | -3 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 29/02/1988 | R | -3 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 24/11/1970 | R | -3.05 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 12/03/1973 | R | -3.08 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 23/11/1977 | R | -3.1 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 20/11/1987 | R | -3.1 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 21/11/1986 | R | -3.1 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 21/11/1975 | R | -3.13 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 1/11/1979 | R | -3.2 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 25/08/1981 | R | -3.26 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 1/10/1970 | R | -3.29 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 22/09/1975 | R | -3.34 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 5/11/1974 | R | -3.41 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 13/11/1980 | R | -3.46 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 6/09/1990 | R | -3.6 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 19/05/1982 | R | -3.71 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 11/07/1973 | R | -3.75 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 18/01/1973 | R | -3.76 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 15/12/1972 | R | -3.78 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 17/11/1988 | R | -3.8 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 13/03/1985 | R | -3.88 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 17/08/1982 | R | -3.95 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 20/03/1987 | R | -4.2 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 19/10/1984 | R | -4.2 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 13/11/1981 | R | -4.26 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 18/02/1982 | R | -4.61 | | NR | 130 | NR | | NR | NR |
| 12600079 | A | 28/10/1982 | R | -4.66 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 23/03/1972 | R | -1.55 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 20/03/1981 | R | -1.58 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 1/04/1977 | R | -1.7 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 29/06/1972 | R | -1.84 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 26/03/1974 | R | -1.87 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 4/04/1975 | R | -2.11 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 30/05/1980 | R | -2.11 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 13/03/1979 | R | -2.12 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 28/07/1980 | R | -2.2 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 8/03/1971 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 13/05/1971 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 4/08/1971 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 3/03/1976 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 30/11/1971 | R | -2.41 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 7/04/1970 | R | -2.46 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 24/05/1977 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 15/02/1980 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 23/05/1989 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 4/08/1983 | R | -2.54 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 25/06/1979 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 9/04/1990 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 6/03/1968 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 2/03/1970 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 14/03/1969 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 27/01/1970 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 8/04/1968 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 1/06/1978 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 23/05/1986 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 22/12/1976 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 22/02/1978 | R | -2.63 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 8/08/1978 | R | -2.63 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 14/08/1968 | R | -2.64 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 8/05/1968 | R | -2.67 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 15/06/2011 | R | -2.68 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 11/10/1972 | R | -2.71 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 25/06/1976 | R | -2.71 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 3/06/1968 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 1/06/1970 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 11/09/1968 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 11/07/1973 | R | -2.76 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 18/07/1969 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 17/06/1969 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 29/10/1976 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 29/09/1969 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 2/07/1968 | R | -2.82 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 31/01/1969 | R | -2.82 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 30/06/1975 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 21/04/1969 | R | -2.84 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 7/07/1970 | R | -2.86 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 13/10/1978 | R | -2.86 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 11/10/1968 | R | -2.87 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 26/05/1969 | R | -2.87 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 17/07/1987 | R | -2.88 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 5/08/1974 | R | -2.88 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 12/09/1986 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 19/08/1969 | R | -2.92 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 23/03/1983 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 3/01/1990 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 12/03/1973 | R | -2.96 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 20/11/1969 | R | -3 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 5/08/1977 | R | -3 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 21/11/1986 | R | -3.05 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 24/11/1970 | R | -3.05 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 29/02/1988 | R | -3.06 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 23/11/1977 | R | -3.12 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 21/11/1975 | R | -3.14 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 20/11/1987 | R | -3.15 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 1/11/1979 | R | -3.2 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 25/08/1981 | R | -3.25 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 1/10/1970 | R | -3.26 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 22/09/1975 | R | -3.35 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 5/11/1974 | R | -3.41 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 6/09/1990 | R | -3.58 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 13/11/1980 | R | -3.63 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 19/05/1982 | R | -3.68 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 18/01/1973 | R | -3.69 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 15/12/1972 | R | -3.73 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 3/11/1982 | R | -3.78 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 13/03/1985 | R | -3.9 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 17/11/1988 | R | -3.96 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 17/08/1982 | R | -4 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 19/10/1984 | R | -4.15 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 20/03/1987 | R | -4.2 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 13/11/1981 | R | -4.24 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 18/02/1982 | R | -4.59 | | NR | 130 | NR | | NR | NR |
| 12600080 | A | 28/10/1982 | R | -4.61 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 23/03/1972 | R | -1.57 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 20/03/1981 | R | -1.63 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 1/04/1977 | R | -1.7 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 29/06/1972 | R | -1.89 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 26/03/1974 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 13/03/1979 | R | -2.15 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 4/04/1975 | R | -2.23 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 8/03/1971 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 13/05/1971 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 4/08/1971 | R | -2.39 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 3/03/1976 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 30/05/1980 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 7/04/1970 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 28/07/1980 | R | -2.45 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600081 | A | 6/03/1968 | R | -2.46 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 15/02/1980 | R | -2.46 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 23/05/1989 | R | -2.48 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 2/03/1970 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 30/11/1971 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 4/08/1983 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 24/05/1977 | R | -2.53 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 8/04/1968 | R | -2.54 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 14/03/1969 | R | -2.54 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 25/06/1979 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 27/01/1970 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 8/05/1968 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 1/06/1978 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 23/05/1986 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 9/04/1990 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 22/12/1976 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 22/02/1978 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 14/08/1968 | R | -2.62 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 8/08/1978 | R | -2.62 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 3/06/1968 | R | -2.67 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 2/07/1968 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 11/09/1968 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 19/08/1969 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 1/06/1970 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 11/10/1968 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 31/01/1969 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 17/06/1969 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 11/10/1972 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 12/03/1973 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 29/09/1969 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 25/06/1976 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 29/10/1976 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 21/04/1969 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 11/07/1973 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 30/06/1975 | R | -2.82 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 26/05/1969 | R | -2.84 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 7/07/1970 | R | -2.85 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 18/07/1969 | R | -2.87 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 13/10/1978 | R | -2.87 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 17/07/1987 | R | -2.89 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 20/11/1969 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 12/09/1986 | R | -2.92 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 5/08/1977 | R | -2.93 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 23/03/1983 | R | -2.93 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 5/08/1974 | R | -2.93 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 3/01/1990 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 21/11/1986 | R | -3 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 24/11/1970 | R | -3.05 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 29/02/1988 | R | -3.05 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 21/11/1975 | R | -3.12 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 23/11/1977 | R | -3.14 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 1/11/1979 | R | -3.15 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 20/11/1987 | R | -3.15 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 1/10/1970 | R | -3.23 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 25/08/1981 | R | -3.25 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 22/09/1975 | R | -3.31 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 5/11/1974 | R | -3.52 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 6/09/1990 | R | -3.58 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 18/01/1973 | R | -3.61 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 19/05/1982 | R | -3.68 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 15/12/1972 | R | -3.69 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 13/03/1985 | R | -3.84 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 13/11/1980 | R | -3.87 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 17/11/1988 | R | -3.96 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 17/08/1982 | R | -4.01 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 19/10/1984 | R | -4.1 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 20/03/1987 | R | -4.2 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 13/11/1981 | R | -4.24 | | NR | 130 | NR | | NR | NR |
| 12600081 | A | 18/02/1982 | R | -4.59 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 13/03/1979 | R | -0.85 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 26/03/1974 | R | -1.1 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 8/04/1968 | R | -1.19 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 9/03/1972 | R | -1.19 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 4/04/1975 | R | -1.2 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 24/05/1977 | R | -1.25 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 8/05/1968 | R | -1.32 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 3/03/1976 | R | -1.4 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 3/06/1968 | R | -1.42 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 2/07/1968 | R | -1.58 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 13/05/1971 | R | -1.63 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 23/05/1989 | R | -1.64 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 1/04/1977 | R | -1.65 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 2/03/1970 | R | -1.67 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 7/04/1970 | R | -1.67 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 14/08/1968 | R | -1.68 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 8/03/1971 | R | -1.68 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 30/05/1980 | R | -1.7 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 10/01/1991 | R | -1.7 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 11/09/1968 | R | -1.75 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 25/06/1979 | R | -1.78 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 1/06/1978 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 20/03/1981 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 25/06/1976 | R | -1.81 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 28/07/1980 | R | -1.81 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 1/06/1970 | R | -1.83 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 3/10/1968 | R | -1.85 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 8/08/1978 | R | -1.85 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 4/08/1983 | R | -1.85 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 11/04/2011 | R | -1.85 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 15/02/1980 | R | -1.86 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 3/03/2008 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 11/07/1973 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 12/03/1973 | R | -1.92 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 21/02/1978 | R | -1.92 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 29/03/2010 | R | -1.92 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 30/06/1975 | R | -1.93 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 7/07/1970 | R | -1.94 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 28/02/1986 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 13/03/2009 | R | -1.95 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 29/06/1972 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 5/08/1974 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 27/01/1977 | R | -2.01 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 29/10/1976 | R | -2.02 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 5/08/1977 | R | -2.05 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 14/03/1969 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 22/12/1976 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 13/10/1978 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 19/04/2000 | R | -2.11 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 19/06/2007 | R | -2.12 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 19/08/1969 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 29/09/1969 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 18/07/1969 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 27/01/1970 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 4/08/1971 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 17/06/1969 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 31/01/1969 | R | -2.19 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 21/11/1975 | R | -2.2 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 13/03/1985 | R | -2.2 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 13/03/1997 | R | -2.2 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 29/02/1988 | R | -2.2 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 21/04/1969 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 26/05/1969 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 20/11/1969 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 12/09/1986 | R | -2.25 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 27/03/2007 | R | -2.25 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 17/07/1987 | R | -2.28 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 17/11/1988 | R | -2.28 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 1/10/1970 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 1/11/1979 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 18/04/1984 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 3/01/1990 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 21/12/2000 | R | -2.31 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 30/11/1971 | R | -2.32 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 25/08/1981 | R | -2.34 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 25/05/1999 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 5/11/1974 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 21/11/1986 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 3/06/2002 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 4/07/2000 | R | -2.37 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600082 | A | 13/04/2007 | R | -2.37 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 22/09/1975 | R | -2.38 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 23/03/1983 | R | -2.38 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 23/11/1970 | R | -2.39 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 23/11/1977 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 6/09/1990 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 8/05/1991 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 8/03/2002 | R | -2.41 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 17/08/1982 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 13/07/1984 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 15/04/1992 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 26/06/2009 | R | -2.46 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 20/11/1987 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 22/03/2001 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 19/06/2006 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 5/06/1997 | R | -2.52 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 13/09/2007 | R | -2.52 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 11/06/2008 | R | -2.53 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 23/07/2010 | R | -2.54 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 15/03/2006 | R | -2.54 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 20/03/1987 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 12/05/1997 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 11/10/1972 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 8/04/1998 | R | -2.58 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 6/05/1993 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 17/06/1996 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 2/09/2008 | R | -2.6 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 15/06/2001 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 15/12/1972 | R | -2.64 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 17/03/1994 | R | -2.64 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 16/11/1998 | R | -2.64 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 3/12/2001 | R | -2.64 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 9/09/1999 | R | -2.65 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 9/04/1990 | R | -2.65 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 3/12/2007 | R | -2.65 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 20/09/2001 | R | -2.66 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 17/04/2003 | R | -2.69 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 1/07/2005 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 25/07/1994 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 2/09/2005 | R | -2.71 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 17/03/2005 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 9/03/2004 | R | -2.73 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 24/09/1991 | R | -2.75 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 18/01/2007 | R | -2.75 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 13/11/1981 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 25/08/1993 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 19/09/2000 | R | -2.78 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 22/12/2006 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 18/01/1973 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600082 | X | 20/04/1967 | N | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 1/12/2008 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 16/12/2009 | R | -2.8 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 23/06/1995 | R | -2.81 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 8/06/2004 | R | -2.82 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 2/11/2009 | R | -2.82 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 18/02/1982 | R | -2.85 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 5/12/1995 | R | -2.87 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 26/10/1992 | R | -2.88 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 3/09/2002 | R | -2.88 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 7/10/2003 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 28/10/1982 | R | -2.92 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 22/09/2003 | R | -2.94 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 19/10/1984 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 16/12/1994 | R | -3 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 3/10/1994 | R | -3.02 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 27/09/2004 | R | -3.03 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600082 | A | 13/11/1980 | R | -3.2 | | NR | 130 | NR | | NR | NR |
| 12600082 | A | 29/11/1994 | R | -3.22 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 26/03/1974 | R | -0.95 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 13/03/1979 | R | -0.95 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 9/03/1972 | R | -0.98 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 4/04/1975 | R | -1.1 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 22/02/1979 | R | -1.14 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 8/03/1971 | R | -1.28 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 8/04/1968 | R | -1.3 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 3/03/1976 | R | -1.31 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 2/03/1970 | R | -1.39 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 24/05/1977 | R | -1.41 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 7/04/1970 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 1/04/1977 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 8/05/1968 | R | -1.65 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 3/06/1968 | R | -1.65 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 13/05/1971 | R | -1.66 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 11/04/2011 | R | -1.7 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 25/06/1976 | R | -1.72 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 3/03/2008 | R | -1.73 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 25/06/1979 | R | -1.74 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 1/06/1978 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 30/05/1980 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 1/06/1970 | R | -1.83 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 23/05/1989 | R | -1.84 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 2/07/1968 | R | -1.85 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 30/06/1975 | R | -1.85 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 29/03/2010 | R | -1.85 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 11/07/1973 | R | -1.86 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 13/03/2009 | R | -1.86 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 5/08/1974 | R | -1.88 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 8/08/1978 | R | -1.88 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 11/01/1977 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 28/07/1980 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 20/03/1981 | R | -1.91 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 14/08/1968 | R | -1.93 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 19/03/1981 | R | -1.94 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 15/02/1980 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 20/03/1980 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 29/06/1972 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 12/03/1973 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 27/01/1970 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 19/04/2000 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 25/08/1976 | R | -1.99 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 5/08/1977 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 4/08/1983 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 10/01/1991 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 19/08/1969 | R | -2.01 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 19/06/2007 | R | -2.01 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 21/02/1978 | R | -2.01 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 22/12/1976 | R | -2.02 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 11/09/1968 | R | -2.03 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 7/07/1970 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 2/11/1976 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 4/08/1971 | R | -2.09 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 21/11/1975 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 13/10/1978 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 13/03/1985 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 28/02/1986 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 29/10/1976 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 29/09/1969 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 3/10/1968 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 30/09/1976 | R | -2.14 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 26/10/1978 | R | -2.14 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 18/07/1969 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 13/03/1997 | R | -2.17 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 4/07/2000 | R | -2.2 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 25/05/1999 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 27/03/2007 | R | -2.21 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 5/11/1974 | R | -2.22 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 21/12/2000 | R | -2.22 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 27/09/1979 | R | -2.23 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 17/06/1969 | R | -2.23 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 22/09/1975 | R | -2.24 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 1/11/1979 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 26/05/1969 | R | -2.29 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 25/08/1981 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 13/09/2007 | R | -2.3 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 13/04/2007 | R | -2.31 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 30/11/1971 | R | -2.32 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 14/03/1969 | R | -2.33 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 8/05/1991 | R | -2.33 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 20/11/1969 | R | -2.33 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600083 | A | 1/10/1970 | R | -2.34 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 22/03/2001 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 8/03/2002 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 6/09/1990 | R | -2.38 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 23/11/1970 | R | -2.39 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 26/06/2009 | R | -2.39 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 23/11/1977 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 12/09/1986 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 15/04/1992 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 17/08/1982 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 31/01/1969 | R | -2.41 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 21/04/1969 | R | -2.41 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 19/06/2006 | R | -2.41 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 11/06/2008 | R | -2.41 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 14/12/1976 | R | -2.42 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 5/06/1997 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 12/05/1997 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 3/01/1990 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 29/02/1988 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 23/07/2010 | R | -2.45 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 15/06/2001 | R | -2.46 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 10/10/1980 | R | -2.49 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 21/11/1986 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 17/07/1987 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 17/11/1988 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 2/09/2008 | R | -2.5 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 9/12/1981 | R | -2.53 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 17/06/1996 | R | -2.53 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 3/06/2002 | R | -2.53 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 9/09/1999 | R | -2.54 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 18/01/2007 | R | -2.54 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 23/03/1983 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 18/04/1984 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 16/11/1998 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 8/04/1998 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 17/04/2003 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 11/10/1972 | R | -2.56 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 15/03/2006 | R | -2.56 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 6/05/1993 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 3/12/2007 | R | -2.57 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 20/11/1987 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 15/12/1972 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 17/03/1994 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 1/07/2005 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 13/07/1984 | R | -2.62 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 20/09/2001 | R | -2.62 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 9/03/2004 | R | -2.63 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 2/09/2005 | R | -2.63 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 21/09/2000 | R | -2.64 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 18/01/1973 | R | -2.65 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 25/07/1994 | R | -2.65 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 24/09/1991 | R | -2.65 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 17/03/2005 | R | -2.68 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 25/08/1993 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 22/12/2006 | R | -2.71 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 23/06/1995 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 3/09/2002 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 13/11/1981 | R | -2.75 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 9/04/1990 | R | -2.75 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 2/11/2009 | R | -2.75 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 16/12/2009 | R | -2.75 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 8/06/2004 | R | -2.76 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 3/12/2001 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 20/03/1987 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 5/12/1995 | R | -2.82 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 7/10/2003 | R | -2.82 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 22/09/2003 | R | -2.82 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 18/02/1982 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 19/10/1984 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 28/10/1982 | R | -2.86 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 26/10/1992 | R | -2.86 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 16/12/2005 | R | -2.92 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 3/10/1994 | R | -2.93 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 16/12/1994 | R | -2.93 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 27/09/2004 | R | -2.97 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600083 | A | 29/11/1994 | R | -3.16 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 13/11/1980 | R | -3.33 | | NR | 130 | NR | | NR | NR |
| 12600083 | A | 1/12/2008 | R | -7.7 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 13/03/1979 | R | -1.15 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 26/03/1974 | R | -1.3 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 9/03/1972 | R | -1.4 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 8/03/1971 | R | -1.43 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 11/04/2011 | R | -1.54 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 24/05/1977 | R | -1.56 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 3/03/2008 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 3/03/1976 | R | -1.61 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 13/03/2009 | R | -1.62 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 29/03/2010 | R | -1.63 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 8/04/1968 | R | -1.73 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 1/04/1977 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 19/04/2000 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 2/03/1970 | R | -1.83 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 19/06/2007 | R | -1.86 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 7/04/1970 | R | -1.87 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 13/03/1997 | R | -1.91 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 13/05/1971 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 30/05/1980 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 3/06/1968 | R | -1.96 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 17/06/1969 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 20/03/1981 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 25/06/1976 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 25/06/1979 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 10/01/1991 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 8/05/1968 | R | -2.01 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 1/06/1978 | R | -2.01 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 28/07/1980 | R | -2.03 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 23/05/1989 | R | -2.03 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 21/12/2000 | R | -2.03 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 25/05/1999 | R | -2.04 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 26/05/1969 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 27/03/2007 | R | -2.07 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 1/06/1970 | R | -2.08 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 15/02/1980 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 5/08/1974 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 8/08/1978 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 27/01/1977 | R | -2.11 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 30/06/1975 | R | -2.12 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 4/07/2000 | R | -2.12 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 22/12/1976 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 8/05/1991 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 8/03/2002 | R | -2.14 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 11/07/1973 | R | -2.15 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 21/02/1978 | R | -2.15 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 4/08/1983 | R | -2.15 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 5/08/1977 | R | -2.15 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 2/07/1968 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 18/07/1969 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 27/01/1970 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 12/03/1973 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 15/04/1992 | R | -2.17 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 14/03/1969 | R | -2.18 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 26/06/2009 | R | -2.18 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 13/04/2007 | R | -2.19 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 21/04/1969 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 23/03/2001 | R | -2.21 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 29/06/1972 | R | -2.22 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 11/06/2008 | R | -2.22 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 14/08/1968 | R | -2.23 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 13/10/1978 | R | -2.24 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 28/02/1986 | R | -2.25 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 29/10/1976 | R | -2.25 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 15/03/2006 | R | -2.26 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 19/06/2006 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 19/08/1969 | R | -2.29 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 4/08/1971 | R | -2.29 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 5/06/1997 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 23/07/2010 | R | -2.3 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 11/09/1968 | R | -2.31 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 12/05/1997 | R | -2.31 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600084 | A | 16/05/1988 | R | -2.32 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 17/06/1996 | R | -2.33 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 15/06/2001 | R | -2.33 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 3/06/2002 | R | -2.34 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 4/04/1975 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 21/11/1975 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 18/01/2007 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 6/05/1993 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 17/03/1994 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 3/10/1968 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 16/11/1998 | R | -2.37 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 8/04/1998 | R | -2.37 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 29/09/1969 | R | -2.38 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 25/08/1981 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 13/09/2007 | R | -2.4 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 1/11/1979 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 9/09/1999 | R | -2.41 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 25/07/1994 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 1/07/2005 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 3/12/2007 | R | -2.45 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 17/08/1982 | R | -2.46 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 20/09/2001 | R | -2.47 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 17/03/2005 | R | -2.48 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 5/11/1974 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 23/11/1977 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 13/03/1985 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 29/02/1988 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 6/09/1990 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 2/09/2008 | R | -2.52 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 30/11/1971 | R | -2.53 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 25/08/1993 | R | -2.53 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 23/06/1995 | R | -2.53 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 2/09/2005 | R | -2.53 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 20/11/1969 | R | -2.54 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 1/12/2008 | R | -2.54 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 16/12/2009 | R | -2.56 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 17/11/1988 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 22/12/2006 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 1/10/1970 | R | -2.58 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 8/06/2004 | R | -2.58 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 12/09/1986 | R | -2.58 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 31/01/1969 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 3/01/1990 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 23/11/1970 | R | -2.61 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 17/07/1987 | R | -2.62 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 3/09/2002 | R | -2.62 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 5/12/1995 | R | -2.64 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 21/09/2000 | R | -2.64 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 2/11/2009 | R | -2.64 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 24/09/1991 | R | -2.68 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 18/04/1984 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 21/11/1986 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 9/04/1990 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 23/03/1983 | R | -2.71 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 11/10/1972 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 20/11/1987 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 7/10/2003 | R | -2.74 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 16/12/1994 | R | -2.76 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 15/12/1972 | R | -2.77 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 22/09/2003 | R | -2.78 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 18/01/1973 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 13/11/1981 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 22/09/1975 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 16/12/2005 | R | -2.82 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 13/07/1984 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 20/03/1987 | R | -2.87 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 3/12/2001 | R | -2.88 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 27/09/2004 | R | -2.89 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600084 | A | 28/10/1982 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 3/10/1994 | R | -2.92 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 26/10/1992 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 29/11/1994 | R | -3.13 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 19/10/1984 | R | -3.2 | | NR | 130 | NR | | NR | NR |
| 12600084 | A | 13/11/1980 | R | -3.45 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 10/01/1991 | R | -1.25 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 2/09/2008 | R | -1.52 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 22/02/1979 | R | -1.55 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 22/02/1979 | R | -1.57 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 13/03/1997 | R | -1.92 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 4/03/2003 | R | -2.19 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 13/03/1997 | R | -2.25 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 15/04/1992 | R | -2.3 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 17/03/1994 | R | -2.32 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 20/02/1978 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 6/04/2000 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 25/05/1999 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 4/07/2000 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 26/05/1986 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 21/04/1982 | R | -2.47 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 21/04/1982 | R | -2.47 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 1/06/1977 | R | -2.49 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 20/03/1980 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 20/12/2000 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 19/03/1981 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 4/03/2003 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 8/05/1991 | R | -2.6 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 6/05/1993 | R | -2.62 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 12/05/1997 | R | -2.64 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 10/01/1991 | R | -2.76 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 22/02/1979 | R | -2.84 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 29/03/2010 | R | -2.84 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 6/09/1990 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 26/07/1977 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 7/03/1977 | R | -2.91 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 12/03/2001 | R | -2.91 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 11/03/2002 | R | -2.91 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 3/03/2008 | R | -2.92 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 11/04/2011 | R | -2.95 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 17/06/1996 | R | -2.98 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 7/03/1977 | R | -3.09 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 26/10/1978 | R | -3.1 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 25/07/1994 | R | -3.1 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 27/03/2007 | R | -3.12 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 13/03/1997 | R | -3.15 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 23/06/1995 | R | -3.15 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 23/03/1983 | R | -3.16 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 14/05/2003 | R | -3.16 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 27/09/1979 | R | -3.2 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 3/03/2008 | R | -3.21 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 21/04/1982 | R | -3.22 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 20/02/1978 | R | -3.23 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 1/02/1984 | R | -3.25 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 19/03/1981 | R | -3.26 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 25/05/1999 | R | -3.32 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 20/12/2000 | R | -3.33 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 6/05/2013 | R | -3.34 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 1/06/1977 | R | -3.37 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 19/03/1981 | R | -3.38 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 6/05/1993 | R | -3.38 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 10/01/1991 | R | -3.4 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 15/06/2001 | R | -3.4 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 1/06/1977 | R | -3.41 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 18/03/2014 | R | -3.42 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 29/03/2010 | R | -3.42 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 13/03/2009 | R | -3.44 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 13/03/2009 | R | -3.44 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 3/03/1976 | R | -3.45 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 4/07/2000 | R | -3.46 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 26/05/1986 | R | -3.5 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 25/05/1999 | R | -3.5 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 18/07/2012 | R | -3.5 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 17/06/1976 | R | -3.51 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 6/05/1993 | R | -3.53 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 7/03/1977 | R | -3.56 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 2/11/1976 | R | -3.56 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 17/06/1996 | R | -3.56 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 14/05/2003 | R | -3.56 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 29/03/2010 | R | -3.56 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 2/11/1976 | R | -3.57 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600353 | B | 20/02/1978 | R | -3.59 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 3/03/1976 | R | -3.6 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 23/02/1990 | R | -3.6 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 4/03/2003 | R | -3.6 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 9/12/1981 | R | -3.61 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 17/03/2005 | R | -3.63 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 25/07/1994 | R | -3.65 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 23/06/1995 | R | -3.67 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 15/06/2010 | R | -3.7 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 17/06/1976 | R | -3.71 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 15/04/1992 | R | -3.72 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 1/07/2005 | R | -3.72 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 5/12/1995 | R | -3.74 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 7/01/1976 | R | -3.75 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 11/01/1977 | R | -3.75 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 16/11/1998 | R | -3.75 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 23/02/1990 | R | -3.75 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 5/06/1997 | R | -3.75 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 17/06/1976 | R | -3.76 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 5/12/1995 | R | -3.76 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 22/12/2006 | R | -3.77 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 18/03/2014 | R | -3.77 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 11/01/1977 | R | -3.79 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 17/03/1994 | R | -3.79 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 9/12/1981 | R | -3.79 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 3/03/1976 | R | -3.8 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 7/01/1976 | R | -3.8 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 23/03/1983 | R | -3.8 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 8/05/1991 | R | -3.8 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 20/11/1987 | R | -3.8 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 12/05/1997 | R | -3.8 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 20/12/2000 | R | -3.82 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 19/06/2006 | R | -3.82 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 16/11/1998 | R | -3.84 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 11/03/2002 | R | -3.84 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 13/03/2009 | R | -3.84 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 24/08/1976 | R | -3.84 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 4/08/1975 | R | -3.85 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 20/03/1980 | R | -3.85 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 20/03/1987 | R | -3.85 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 8/04/1998 | R | -3.85 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 26/05/1986 | R | -3.85 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 10/10/1980 | R | -3.87 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 6/04/2000 | R | -3.87 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 11/04/2011 | R | -3.87 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 22/03/2001 | R | -3.88 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 2/09/2005 | R | -3.88 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 24/08/1976 | R | -3.89 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 1/02/1984 | R | -3.9 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 25/07/1994 | R | -3.9 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 11/06/2008 | R | -3.9 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 20/05/2015 | R | -3.91 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 10/10/1980 | R | -3.92 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 3/10/1975 | R | -3.92 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 1/02/1984 | R | -3.92 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 14/05/2003 | R | -3.92 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 22/11/1977 | R | -3.93 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 20/11/1987 | R | -3.93 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 4/08/1975 | R | -3.93 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 26/10/1992 | R | -3.94 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 2/11/1976 | R | -3.95 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 17/06/1996 | R | -3.95 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 28/11/2012 | R | -3.95 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 26/10/1992 | R | -3.95 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 26/07/1977 | R | -3.95 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 3/03/2008 | R | -3.96 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 26/10/1992 | R | -3.97 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 9/03/2004 | R | -3.97 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 27/03/2007 | R | -3.97 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 24/08/1976 | R | -3.97 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 30/09/1976 | R | -4 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 29/10/1976 | R | -4 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 20/03/1987 | R | -4 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 8/04/1998 | R | -4 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 16/12/1994 | R | -4 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 15/12/2009 | R | -4 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 11/03/2015 | R | -4 | | ACT | 1 | DG | | REGION | MA |
| 12600353 | B | 9/09/1999 | R | -4.01 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 22/12/2006 | R | -4.01 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 28/11/2012 | R | -4.01 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 24/10/2013 | R | -4.02 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 3/08/1984 | R | -4.02 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 22/11/1977 | R | -4.04 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 19/06/2007 | R | -4.04 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 20/05/2015 | R | -4.04 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 20/05/2015 | R | -4.04 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 3/10/1975 | R | -4.05 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 29/10/1976 | R | -4.05 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 10/10/1980 | R | -4.05 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 5/12/1995 | R | -4.05 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 23/02/1990 | R | -4.05 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 3/01/1990 | R | -4.05 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 16/12/1994 | R | -4.05 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 22/03/2001 | R | -4.05 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 20/11/1987 | R | -4.05 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 9/03/2004 | R | -4.05 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 4/08/1975 | R | -4.06 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 9/09/1999 | R | -4.06 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 11/03/2002 | R | -4.06 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 30/09/1976 | R | -4.07 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 9/03/2004 | R | -4.07 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 6/05/2013 | R | -4.07 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 15/04/1992 | R | -4.07 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 23/07/2010 | R | -4.07 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 6/04/2000 | R | -4.08 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 18/07/2012 | R | -4.08 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 19/06/2006 | R | -4.09 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 18/07/2012 | R | -4.09 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 20/03/1987 | R | -4.1 | | NR | 130 | NR | | NR | NR |
| 12600353 | X | 4/08/1975 | N | -4.1 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 22/09/2003 | R | -4.1 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 3/01/1990 | R | -4.1 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 11/04/2011 | R | -4.1 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 11/01/1977 | R | -4.11 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 18/03/2014 | R | -4.11 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 13/09/2007 | R | -4.11 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 19/06/2007 | R | -4.12 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 19/06/2007 | R | -4.12 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 3/10/1975 | R | -4.12 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 24/09/1991 | R | -4.13 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 16/11/1998 | R | -4.14 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 22/10/2013 | R | -4.14 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 11/03/2015 | R | -4.14 | | ACT | 1 | DG | | REGION | MA |
| 12600353 | A | 20/03/1980 | R | -4.15 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 7/01/1976 | R | -4.15 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 8/04/1998 | R | -4.15 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 6/09/1990 | R | -4.17 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 15/12/2009 | R | -4.17 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 9/12/1981 | R | -4.17 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 25/08/1993 | R | -4.18 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 2/11/2009 | R | -4.18 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 2/11/2009 | R | -4.18 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 28/11/2012 | R | -4.18 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 23/11/2011 | R | -4.18 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 2/11/2009 | R | -4.18 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 14/12/1976 | R | -4.18 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 26/10/1978 | R | -4.19 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 16/12/1994 | R | -4.19 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 26/06/2009 | R | -4.2 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 11/06/2008 | R | -4.21 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 27/09/1979 | R | -4.21 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 3/08/1984 | R | -4.22 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 9/09/1999 | R | -4.23 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 25/08/1993 | R | -4.23 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 21/09/2000 | R | -4.23 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 14/12/1976 | R | -4.24 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 5/12/2003 | R | -4.24 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 30/07/2015 | R | -4.24 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 15/06/2010 | R | -4.24 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600353 | B | 22/12/2006 | R | -4.24 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 14/12/1976 | R | -4.24 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 30/09/1976 | R | -4.25 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 3/01/1990 | R | -4.25 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 24/09/1991 | R | -4.25 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 8/05/1991 | R | -4.25 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 20/09/2001 | R | -4.25 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 29/10/1976 | R | -4.26 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 3/11/2014 | R | -4.26 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 26/07/1977 | R | -4.27 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 23/11/2011 | R | -4.27 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 24/09/1991 | R | -4.28 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 15/06/2001 | R | -4.28 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 5/12/2003 | R | -4.28 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 11/06/2008 | R | -4.28 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 26/06/2009 | R | -4.28 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 5/06/1997 | R | -4.29 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 3/12/2007 | R | -4.29 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 17/03/2005 | R | -4.3 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 2/09/2008 | R | -4.3 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 17/12/2014 | R | -4.3 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 17/12/2014 | R | -4.3 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 23/03/1983 | R | -4.31 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 26/10/1978 | R | -4.31 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 23/07/2010 | R | -4.31 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 11/03/2015 | R | -4.31 | | ACT | 1 | DG | | REGION | MA |
| 12600353 | A | 27/03/2007 | R | -4.32 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 27/09/1979 | R | -4.33 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 3/06/2002 | R | -4.33 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 13/09/2007 | R | -4.33 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 13/09/2007 | R | -4.33 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 22/10/2013 | R | -4.33 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 18/11/2015 | R | -4.33 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 3/12/2007 | R | -4.34 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 25/08/1993 | R | -4.36 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 21/09/2000 | R | -4.36 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 6/04/2004 | R | -4.36 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 1/07/2005 | R | -4.36 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 2/09/2005 | R | -4.36 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 22/11/1977 | R | -4.36 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 2/09/2005 | R | -4.37 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 6/05/2013 | R | -4.37 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 17/03/1994 | R | -4.38 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 8/06/2004 | R | -4.38 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 17/12/2014 | R | -4.39 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 6/09/1990 | R | -4.4 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 21/09/2000 | R | -4.4 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 30/07/2015 | R | -4.4 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 12/05/1997 | R | -4.4 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 15/06/2001 | R | -4.41 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 3/06/2002 | R | -4.41 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 18/11/2015 | R | -4.42 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 3/08/1984 | R | -4.43 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 15/12/2009 | R | -4.46 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 3/12/2001 | R | -4.48 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 22/09/2003 | R | -4.48 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 8/06/2004 | R | -4.48 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 4/11/2005 | R | -4.48 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 23/11/2011 | R | -4.49 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 5/12/2003 | R | -4.49 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 30/07/2015 | R | -4.5 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 3/12/2001 | R | -4.51 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 15/06/2010 | R | -4.51 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 8/06/2004 | R | -4.51 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 28/11/2006 | R | -4.52 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 1/12/2008 | R | -4.53 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 30/10/2003 | R | -4.54 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 30/10/2003 | R | -4.54 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 3/12/2007 | R | -4.56 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 18/11/2015 | R | -4.57 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 26/06/2009 | R | -4.58 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 20/09/2001 | R | -4.59 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 3/06/2002 | R | -4.59 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 28/11/2006 | R | -4.59 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | C | 3/12/2001 | R | -4.6 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 30/10/2003 | R | -4.6 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 22/09/2003 | R | -4.6 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 3/11/2014 | R | -4.6 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 3/11/2014 | R | -4.6 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 1/12/2008 | R | -4.62 | | NR | 130 | NR | | NR | NR |
| 12600353 | B | 3/09/2002 | R | -4.63 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 16/12/2005 | R | -4.64 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 23/07/2010 | R | -4.66 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 19/06/2006 | R | -4.66 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 2/09/2008 | R | -4.68 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | A | 17/03/2005 | R | -4.68 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 20/09/2001 | R | -4.69 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 1/07/2005 | R | -4.77 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 1/12/2008 | R | -4.8 | | NR | 130 | NR | | NR | NR |
| 12600353 | C | 3/09/2002 | R | -4.81 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 3/09/2002 | R | -4.91 | | NR | 130 | NR | | NR | NR |
| 12600353 | A | 16/12/2005 | R | -4.91 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600353 | B | 16/12/2005 | R | -4.91 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600354 | B | 22/11/1977 | R | -1.54 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 21/04/1982 | R | -1.82 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 21/04/1982 | R | -1.82 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 22/02/1979 | R | -1.89 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 7/03/1977 | R | -1.91 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 7/03/1977 | R | -2.02 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 22/02/1979 | R | -2.04 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 3/10/1975 | R | -2.07 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 3/03/1976 | R | -2.1 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 3/03/1976 | R | -2.15 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 20/02/1978 | R | -2.23 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 19/03/1981 | R | -2.25 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 7/01/1976 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 1/06/1977 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 7/01/1976 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 1/06/1977 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 17/06/1976 | R | -2.27 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 17/06/1976 | R | -2.27 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 19/03/1981 | R | -2.27 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 20/03/1980 | R | -2.29 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 20/03/1980 | R | -2.29 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 11/01/1977 | R | -2.35 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 11/01/1977 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 1/08/1975 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 23/05/1986 | R | -2.4 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 2/11/1976 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 23/05/1986 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 2/11/1976 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 24/08/1976 | R | -2.49 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 26/07/1977 | R | -2.5 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 24/08/1976 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 20/02/1978 | R | -2.51 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 29/10/1976 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 29/10/1976 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 26/07/1977 | R | -2.59 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 25/10/1978 | R | -2.69 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 25/10/1978 | R | -2.69 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 1/08/1975 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 3/10/1975 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 3/08/1984 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 3/08/1984 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 3/01/1990 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 23/03/1983 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 23/03/1983 | R | -2.72 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 3/01/1990 | R | -2.75 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 21/11/1986 | R | -2.75 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 30/09/1976 | R | -2.79 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 21/11/1986 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 9/12/1981 | R | -2.84 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 1/02/1984 | R | -2.85 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 9/12/1981 | R | -2.85 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 1/02/1984 | R | -2.85 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 22/11/1977 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 20/11/1987 | R | -2.9 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 20/11/1987 | R | -2.91 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 30/09/1976 | R | -3.03 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600354 | B | 14/12/1976 | R | -3.11 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 27/09/1979 | R | -3.14 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 27/09/1979 | R | -3.18 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 9/04/1990 | R | -3.25 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 10/10/1980 | R | -3.29 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 10/10/1980 | R | -3.3 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 6/09/1990 | R | -3.3 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 9/04/1990 | R | -3.35 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 6/09/1990 | R | -3.4 | | NR | 130 | NR | | NR | NR |
| 12600354 | X | 29/06/1975 | N | -3.5 | | NR | 130 | NR | | NR | NR |
| 12600354 | B | 20/03/1987 | R | -3.9 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 20/03/1987 | R | -4 | | NR | 130 | NR | | NR | NR |
| 12600354 | A | 14/12/1976 | R | -4.01 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/03/1976 | R | -0.17 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 7/03/1977 | R | -0.28 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 7/01/1976 | R | -0.4 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/05/2000 | R | -0.4 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 29/03/2010 | R | -0.43 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 22/02/1979 | R | -0.45 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 11/04/2011 | R | -0.51 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 29/02/2000 | R | -0.52 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 1/06/1977 | R | -0.53 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/03/2008 | R | -0.53 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 1/04/1999 | R | -0.55 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 11/01/1977 | R | -0.56 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 23/01/2001 | R | -0.58 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 18/07/2012 | R | -0.61 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 21/04/1982 | R | -0.62 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 17/06/1976 | R | -0.63 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 19/06/2007 | R | -0.64 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 4/03/1997 | R | -0.7 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 7/03/1977 | R | -0.72 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 2/11/1976 | R | -0.76 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 19/05/1999 | R | -0.76 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 6/05/2013 | R | -0.76 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 24/02/1999 | R | -0.77 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 13/03/2009 | R | -0.77 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 20/12/2000 | R | -0.78 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 22/02/1979 | R | -0.79 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 14/05/2014 | R | -0.79 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/03/1976 | R | -0.8 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 20/02/1978 | R | -0.8 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 28/06/2000 | R | -0.8 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 7/03/1996 | R | -0.82 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 6/06/2000 | R | -0.84 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 22/03/2001 | R | -0.84 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 23/05/1986 | R | -0.85 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 15/05/1998 | R | -0.85 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 10/01/1991 | R | -0.85 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 19/02/2002 | R | -0.85 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 25/02/2015 | R | -0.86 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 1/08/1975 | R | -0.88 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 1/09/1998 | R | -0.9 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 8/01/1999 | R | -0.93 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 13/03/2009 | R | -0.93 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 26/07/1977 | R | -0.94 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 29/03/2010 | R | -0.94 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 7/01/1976 | R | -0.96 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 17/06/1976 | R | -0.98 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 22/05/1992 | R | -0.98 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 24/08/1976 | R | -0.99 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 8/04/1992 | R | -1 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/05/2000 | R | -1 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 12/09/2014 | R | -1 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/03/2008 | R | -1 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 1/06/1977 | R | -1.01 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 27/03/2007 | R | -1.02 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 5/06/1997 | R | -1.03 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 29/10/1976 | R | -1.04 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 11/03/2002 | R | -1.04 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 29/03/2000 | R | -1.04 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 11/04/2011 | R | -1.05 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 15/06/2010 | R | -1.06 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 29/02/2000 | R | -1.07 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 19/06/2007 | R | -1.07 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 27/07/2000 | R | -1.08 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 21/04/1982 | R | -1.08 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 1/04/1999 | R | -1.1 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 26/06/2009 | R | -1.1 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 15/06/2001 | R | -1.1 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 13/03/1985 | R | -1.1 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 17/04/2012 | R | -1.11 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 17/06/1998 | R | -1.12 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 17/03/1994 | R | -1.13 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/06/1991 | R | -1.14 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 23/01/2001 | R | -1.14 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 11/01/1977 | R | -1.14 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 20/03/1980 | R | -1.16 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 20/03/1980 | R | -1.16 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 12/05/1997 | R | -1.17 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 19/05/1999 | R | -1.17 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 20/02/1978 | R | -1.18 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 4/02/1998 | R | -1.2 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 18/07/2012 | R | -1.21 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 28/08/2000 | R | -1.22 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 16/03/1990 | R | -1.23 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 20/12/2000 | R | -1.24 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 27/03/2007 | R | -1.24 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 23/07/2010 | R | -1.24 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 23/03/1983 | R | -1.25 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 17/04/2012 | R | -1.25 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 26/07/1977 | R | -1.26 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 6/06/2000 | R | -1.26 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 8/03/2002 | R | -1.26 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 6/05/2013 | R | -1.26 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 24/02/1999 | R | -1.27 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 20/05/2015 | R | -1.27 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 16/11/1998 | R | -1.28 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 13/09/2007 | R | -1.28 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 2/07/1991 | R | -1.28 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 24/08/1976 | R | -1.29 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 4/03/1997 | R | -1.29 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 28/06/2000 | R | -1.29 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 23/05/1986 | R | -1.3 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 7/05/1991 | R | -1.3 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 8/01/1999 | R | -1.3 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 10/01/1991 | R | -1.3 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 19/02/2002 | R | -1.3 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 12/09/2014 | R | -1.3 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 25/02/2015 | R | -1.3 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 3/08/1984 | R | -1.31 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 2/07/1992 | R | -1.31 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 18/03/2014 | R | -1.31 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 1/08/1975 | R | -1.32 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 22/03/2001 | R | -1.32 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 19/06/2006 | R | -1.32 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 26/06/2009 | R | -1.32 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 29/10/1976 | R | -1.33 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 2/11/1976 | R | -1.33 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 12/06/1996 | R | -1.34 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 28/06/1999 | R | -1.34 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 9/03/1993 | R | -1.35 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 7/03/1996 | R | -1.35 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 14/05/2014 | R | -1.35 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/01/1992 | R | -1.35 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 9/12/1981 | R | -1.35 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 20/05/2015 | R | -1.35 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 21/06/1995 | R | -1.36 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 18/11/2015 | R | -1.36 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 24/04/1996 | R | -1.38 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 25/07/1994 | R | -1.4 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 9/03/2004 | R | -1.4 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 15/05/1998 | R | -1.41 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 13/09/2007 | R | -1.41 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 7/08/1996 | R | -1.42 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 10/03/1992 | R | -1.42 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 15/06/2010 | R | -1.42 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 5/06/1997 | R | -1.43 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 27/07/1999 | R | -1.43 | | NR | 130 | NR | | NR | NR |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600355 | B | 17/08/2015 | R | -1.43 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 9/05/2002 | R | -1.44 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 19/06/2006 | R | -1.44 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 21/04/1994 | R | -1.44 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 21/11/1986 | R | -1.45 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 9/08/1991 | R | -1.45 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 12/05/1997 | R | -1.45 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 1/09/1998 | R | -1.45 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 24/01/2000 | R | -1.45 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 27/09/1979 | R | -1.45 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 28/07/2000 | R | -1.46 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 1/07/2005 | R | -1.46 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/12/2007 | R | -1.46 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 2/09/2008 | R | -1.46 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 11/06/2008 | R | -1.46 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 2/07/1992 | R | -1.47 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/06/1991 | R | -1.48 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 24/01/2000 | R | -1.48 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 9/12/1999 | R | -1.48 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 28/08/2000 | R | -1.49 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 9/03/2004 | R | -1.49 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 20/11/1987 | R | -1.5 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 2/07/1991 | R | -1.5 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 22/05/1992 | R | -1.5 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 23/07/2010 | R | -1.5 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 17/12/2014 | R | -1.5 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 9/05/2002 | R | -1.51 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 22/10/2013 | R | -1.51 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 8/04/1992 | R | -1.52 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 15/06/2001 | R | -1.52 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 2/09/2008 | R | -1.52 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 2/09/1996 | R | -1.53 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 1/07/2005 | R | -1.54 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/12/2007 | R | -1.54 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 19/03/1981 | R | -1.55 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 9/08/1991 | R | -1.55 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 23/07/1992 | R | -1.55 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 12/06/1996 | R | -1.55 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 17/06/1998 | R | -1.55 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 18/09/1995 | R | -1.56 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/05/2005 | R | -1.56 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 16/03/1990 | R | -1.57 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 17/08/2015 | R | -1.57 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 17/08/1994 | R | -1.59 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 2/09/1996 | R | -1.59 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 9/03/1993 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 4/02/1998 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 25/07/1994 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 27/07/1999 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 8/06/2004 | R | -1.6 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 13/03/1985 | R | -1.6 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 25/10/1978 | R | -1.61 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 7/08/1996 | R | -1.61 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 16/11/1998 | R | -1.62 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/05/2005 | R | -1.62 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 18/11/2015 | R | -1.62 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 22/10/2013 | R | -1.63 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 5/05/2004 | R | -1.63 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 2/09/2005 | R | -1.63 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 25/10/1978 | R | -1.64 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 15/12/2009 | R | -1.64 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 28/11/2012 | R | -1.64 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 28/06/1999 | R | -1.65 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/08/1984 | R | -1.65 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 25/08/1993 | R | -1.66 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 9/12/1999 | R | -1.66 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 7/12/1995 | R | -1.67 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 28/11/2012 | R | -1.67 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 17/03/1994 | R | -1.68 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/01/1992 | R | -1.68 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 12/02/1993 | R | -1.68 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 4/03/2005 | R | -1.68 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 11/06/2008 | R | -1.68 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 1/10/1996 | R | -1.69 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 4/03/2005 | R | -1.69 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 24/01/1997 | R | -1.7 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 23/07/1992 | R | -1.7 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 1/10/1996 | R | -1.71 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 20/09/2001 | R | -1.71 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 7/08/2002 | R | -1.71 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 23/11/2011 | R | -1.71 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 1/02/1984 | R | -1.72 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 18/01/2007 | R | -1.72 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 21/06/1995 | R | -1.73 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 17/12/2014 | R | -1.73 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 9/12/1981 | R | -1.74 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 30/09/1976 | R | -1.74 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 22/04/1993 | R | -1.74 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 4/09/1991 | R | -1.74 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 14/05/2003 | R | -1.74 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 5/05/2004 | R | -1.74 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 7/05/1991 | R | -1.75 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 25/08/1993 | R | -1.75 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 24/01/1997 | R | -1.75 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 23/03/1983 | R | -1.76 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 30/09/1976 | R | -1.77 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 29/03/2000 | R | -1.78 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 1/12/2008 | R | -1.78 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 2/09/2005 | R | -1.78 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 20/09/2001 | R | -1.79 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 18/03/2014 | R | -1.79 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 19/02/2003 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 24/04/1996 | R | -1.8 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 7/12/1995 | R | -1.81 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 21/09/2000 | R | -1.81 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 26/11/2004 | R | -1.81 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 15/04/1998 | R | -1.82 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 10/03/1992 | R | -1.82 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 21/04/1994 | R | -1.83 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 31/08/2004 | R | -1.83 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 11/05/1995 | R | -1.84 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 29/09/1999 | R | -1.86 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 4/09/1991 | R | -1.86 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 6/01/2004 | R | -1.86 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 14/05/2003 | R | -1.86 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 1/10/1993 | R | -1.87 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 15/09/1994 | R | -1.87 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 18/09/1995 | R | -1.87 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 22/09/2003 | R | -1.88 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 18/01/2005 | R | -1.89 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 21/11/1986 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/11/1993 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 16/12/1994 | R | -1.9 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 16/12/2005 | R | -1.9 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 30/08/1999 | R | -1.91 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 1/10/1993 | R | -1.91 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 15/12/2009 | R | -1.91 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 14/12/1976 | R | -1.91 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 1/12/2008 | R | -1.93 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/11/1993 | R | -1.95 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 19/02/2003 | R | -1.96 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 22/11/1977 | R | -1.97 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 1/02/1984 | R | -1.98 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 29/09/1999 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 20/11/1987 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 29/03/1995 | R | -2 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 31/10/2002 | R | -2.01 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 19/04/1995 | R | -2.02 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 6/01/2004 | R | -2.03 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 17/08/1994 | R | -2.04 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 22/09/2003 | R | -2.04 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 2/11/2009 | R | -2.04 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 2/11/2009 | R | -2.04 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 19/11/1993 | R | -2.05 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 18/11/1999 | R | -2.05 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 23/11/2011 | R | -2.05 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 25/10/1999 | R | -2.06 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/12/2001 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 8/06/2004 | R | -2.13 | | ACT | 1 | DG | GWAN | REGION | MA |

| RN | PIPE | RDATE | MEAS_POINT | MEASUREMENT | REMARK | MEAS_TYPE | QUALITY | COLLSAMP | PROJECT1 | INPUT_FROM | COLLMETH |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600355 | B | 25/08/1992 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 18/01/2005 | R | -2.16 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 18/01/2007 | R | -2.16 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 27/09/2004 | R | -2.16 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 30/08/1999 | R | -2.17 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 21/11/1996 | R | -2.17 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/12/2001 | R | -2.17 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 28/11/2006 | R | -2.2 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 12/02/1993 | R | -2.2 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 16/12/1994 | R | -2.23 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 31/08/2004 | R | -2.25 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 11/05/1995 | R | -2.26 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 25/10/1999 | R | -2.27 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 15/04/1998 | R | -2.27 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 10/12/2003 | R | -2.27 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 22/04/1993 | R | -2.29 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 19/03/1981 | R | -2.32 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 10/12/2003 | R | -2.32 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 21/11/1996 | R | -2.32 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 20/11/2003 | R | -2.34 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 16/12/2005 | R | -2.34 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 26/11/2004 | R | -2.34 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 28/11/2006 | R | -2.35 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | B | 9/10/1980 | R | -2.36 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 25/08/1992 | R | -2.42 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 18/11/1999 | R | -2.44 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 29/10/1997 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 22/11/1977 | R | -2.45 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 27/09/1979 | R | -2.48 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 15/09/1994 | R | -2.55 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 28/10/1991 | R | -2.57 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 27/09/2004 | R | -2.58 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 19/11/1993 | R | -2.63 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 31/10/2002 | R | -2.64 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600355 | A | 3/10/1975 | R | -2.65 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 8/12/1992 | R | -2.66 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 19/04/1995 | R | -2.68 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 21/09/2000 | R | -2.7 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/10/1975 | R | -2.75 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 29/11/1994 | R | -2.76 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 26/10/1992 | R | -2.8 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 29/03/1995 | R | -2.82 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 20/11/2003 | R | -2.83 | | NR | 130 | NR | | NR | NR |
| 12600355 | B | 3/03/1987 | R | -2.85 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 29/10/1997 | R | -2.95 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 8/12/1992 | R | -3.09 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 14/12/1976 | R | -3.65 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 29/11/1994 | R | -3.71 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 9/10/1980 | R | -3.95 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 26/10/1992 | R | -4.01 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 28/10/1991 | R | -4.54 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 7/08/2002 | R | -4.81 | | NR | 130 | NR | | NR | NR |
| 12600355 | A | 3/03/1987 | R | -4.85 | | NR | 130 | NR | | NR | NR |
| 12600551 | A | 18/03/2014 | R | -4.78 | | NR | 130 | NR | | NR | NR |
| 12600551 | A | 22/10/2013 | R | -4.96 | | NR | 130 | NR | | NR | NR |
| 12600551 | A | 17/12/2014 | R | -5.35 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600551 | A | 17/11/2015 | R | -5.36 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600551 | A | 29/07/2015 | R | -5.72 | | ACT | 1 | DG | | REGION | MA |
| 12600551 | A | 4/11/2005 | R | -5.84 | | NR | 130 | NR | | NR | NR |
| 12600552 | A | 18/03/2014 | R | -4.66 | | NR | 130 | NR | | NR | NR |
| 12600552 | A | 22/10/2013 | R | -4.88 | | NR | 130 | NR | | NR | NR |
| 12600552 | A | 17/11/2015 | R | -5.32 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600552 | A | 17/12/2014 | R | -5.39 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600552 | A | 29/07/2015 | R | -5.6 | | ACT | 1 | DG | | REGION | MA |
| 12600552 | A | 4/11/2005 | R | -5.95 | | NR | 130 | NR | | NR | NR |
| 12600553 | A | 28/01/2014 | R | -0.95 | | NR | 130 | NR | | NR | NR |
| 12600553 | A | 18/03/2014 | R | -4.83 | | NR | 130 | NR | | NR | NR |
| 12600553 | A | 22/10/2013 | R | -5 | | NR | 130 | NR | | NR | NR |
| 12600553 | A | 17/12/2014 | R | -5.26 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600553 | A | 17/11/2015 | R | -5.41 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600553 | A | 29/07/2015 | R | -5.55 | | ACT | 1 | DG | | REGION | MA |
| 12600553 | A | 4/11/2005 | R | -5.74 | | NR | 130 | NR | | NR | NR |
| 12600555 | A | 18/03/2014 | R | -5.11 | | NR | 130 | NR | | NR | NR |
| 12600555 | A | 4/11/2005 | R | -5.16 | | NR | 130 | NR | | NR | NR |
| 12600555 | A | 11/03/2015 | R | -5.22 | | ACT | 1 | DG | | REGION | MA |
| 12600555 | A | 29/07/2015 | R | -5.23 | | ACT | 1 | DG | | REGION | MA |
| 12600555 | A | 17/12/2014 | R | -5.31 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600555 | A | 22/10/2013 | R | -5.34 | | NR | 130 | NR | | NR | NR |
| 12600555 | A | 17/11/2015 | R | -5.4 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600556 | A | 18/03/2014 | R | -4.24 | | NR | 130 | NR | | NR | NR |
| 12600556 | A | 22/10/2013 | R | -4.51 | | NR | 130 | NR | | NR | NR |
| 12600556 | A | 11/03/2015 | R | -4.64 | | ACT | 1 | DG | | REGION | MA |
| 12600556 | A | 17/12/2014 | R | -4.86 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600556 | A | 17/11/2015 | R | -4.94 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600556 | A | 29/07/2015 | R | -5.12 | | ACT | 1 | DG | | REGION | MA |
| 12600556 | A | 4/11/2005 | R | -5.39 | | NR | 130 | NR | | NR | NR |
| 12600595 | A | 31/03/2014 | R | -1.53 | | NR | 130 | NR | | NR | NR |
| 12600595 | A | 18/07/2012 | R | -1.66 | | NR | 130 | NR | | NR | NR |
| 12600595 | A | 6/05/2013 | R | -1.68 | | NR | 130 | NR | | NR | NR |
| 12600595 | A | 20/05/2015 | R | -2.01 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600595 | A | 11/03/2015 | R | -2.04 | | ACT | 1 | DG | | REGION | MA |
| 12600595 | A | 10/01/2012 | R | -2.11 | | NR | 130 | NR | | NR | NR |
| 12600595 | A | 2/11/2011 | R | -2.14 | | NR | 130 | NR | | NR | NR |
| 12600595 | A | 22/10/2013 | R | -2.17 | | NR | 130 | NR | | NR | NR |
| 12600595 | A | 26/11/2012 | R | -2.18 | | NR | 130 | NR | | NR | NR |
| 12600595 | A | 17/11/2015 | R | -2.24 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600595 | A | 17/08/2015 | R | -2.27 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600595 | A | 17/12/2014 | R | -2.27 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600596 | A | 6/05/2013 | R | -1.53 | | NR | 130 | NR | | NR | NR |
| 12600596 | A | 31/03/2014 | R | -1.81 | | NR | 130 | NR | | NR | NR |
| 12600596 | A | 18/07/2012 | R | -1.94 | | NR | 130 | NR | | NR | NR |
| 12600596 | A | 11/03/2015 | R | -2.06 | | ACT | 1 | DG | | REGION | MA |
| 12600596 | A | 20/05/2015 | R | -2.22 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600596 | A | 31/10/2011 | R | -2.23 | | NR | 130 | NR | | NR | NR |
| 12600596 | A | 9/09/2014 | R | -2.28 | | NR | 130 | NR | | NR | NR |
| 12600596 | A | 10/01/2012 | R | -2.32 | | NR | 130 | NR | | NR | NR |
| 12600596 | A | 17/08/2015 | R | -2.38 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600596 | A | 22/10/2013 | R | -2.42 | | NR | 130 | NR | | NR | NR |
| 12600596 | A | 26/11/2012 | R | -2.46 | | NR | 130 | NR | | NR | NR |
| 12600596 | A | 17/12/2014 | R | -2.47 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600596 | A | 17/11/2015 | R | -2.5 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600597 | A | 31/03/2014 | R | -1.65 | | NR | 130 | NR | | NR | NR |
| 12600597 | A | 20/05/2015 | R | -2.02 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600597 | A | 9/09/2014 | R | -2.07 | | NR | 130 | NR | | NR | NR |
| 12600597 | A | 11/03/2015 | R | -2.08 | | ACT | 1 | DG | | REGION | MA |
| 12600597 | A | 10/01/2011 | R | -2.12 | | NR | 130 | NR | | NR | NR |
| 12600597 | A | 31/10/2011 | R | -2.13 | | NR | 130 | NR | | NR | NR |
| 12600597 | A | 22/10/2013 | R | -2.14 | | NR | 130 | NR | | NR | NR |
| 12600597 | A | 26/11/2012 | R | -2.15 | | NR | 130 | NR | | NR | NR |
| 12600597 | A | 17/08/2015 | R | -2.16 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600597 | A | 17/11/2015 | R | -2.22 | | ACT | 1 | DG | GWAN | REGION | MA |
| 12600597 | A | 17/12/2014 | R | -2.23 | | ACT | 1 | DG | GWAN | REGION | MA |

| RN | REC | DESCR | TOP | BOTTOM |
|---|---|---|---|---|
| 20045 | 1 | BLACK SOIL | 0 | 0.61 |
| 20045 | 2 | CLAY | 0.61 | 6.1 |
| 20045 | 3 | SANDSTONE | 6.1 | 19.51 |
| 20045 | 902 | DISCH 000027.3 M 3D ESTIMATE | | |
| 20391 | 902 | 10/09/1965 SWL -2.70 M TMP NUL C | | |
| 20391 | 903 | DISCH 000010.9 M3D ESTIMATE | | |
| 20401 | 902 | 09/09/1965 SWL -2.70 M TMP NUL C | | |
| 20401 | 903 | DISCH 000043.6 M3D DRILLERS TEST | | |
| 20595 | 902 | 25/05/1966 SWL -2.10 M TMP NUL C | | |
| 20595 | 903 | DISCH 000731.6 M3D DRILLERS TEST | | |
| 30946 | 1 | TOP SOIL | 0 | 0.3 |
| 30946 | 2 | SANDY CLAY | 0.3 | 2.44 |
| 30946 | 3 | GREY CLAY | 2.44 | 4.27 |
| 30946 | 4 | COARSE SAND AND GRAVEL | 4.27 | 7.01 |
| 30946 | 5 | GREY CLAY | 7.01 | 10.67 |
| 30946 | 6 | YELLOW CLAY | 10.67 | 14.33 |
| 30946 | 7 | COARSE SAND | 14.33 | 15.24 |
| 30946 | 8 | GRAVELLY CLAY | 15.24 | 15.54 |
| 30946 | 9 | MEDIUM SAND | 15.54 | 17.68 |
| 30946 | 10 | COARSE SAND AND GRAVEL | 17.68 | 18.29 |
| 34508 | 1 | SOIL DR W TOLCHER PERC | 0 | 0.3 |
| 34508 | 3 | GRITTY WHITE CLAY | 0.3 | 1.21 |
| 34508 | 5 | GRITTY BROWN CLAY | 1.21 | 2.59 |
| 34508 | 7 | DIRTY MEDIUM BROWN SAND | 2.59 | 10.36 |
| 34508 | 9 | MEDIUM CLEAN SAND | 10.36 | 14.32 |
| 34508 | 11 | CLEAN MEDIUM SAND WITH GRAVEL LAYERS | 14.32 | 19.81 |
| 34508 | 902 | 28/08/1970 SWL -2.60 M TMP NUL C | | |
| 34508 | 903 | DISCH 001296.0 M3D DRILLERS TEST | | |
| 37519 | 1 | GLUEPOT SOIL | 0 | 0.61 |
| 37519 | 2 | HARD CLAY | 0.61 | 5.49 |
| 37519 | 3 | GRAVELLY CLAY | 5.49 | 6.4 |
| 37519 | 4 | SAND AND GRAVEL WATER | 6.4 | 10.67 |
| 37519 | 5 | CLAY | 10.67 | 11 |
| 37519 | 6 | SAND & GRAVEL | 11 | 19.8 |
| 37519 | 902 | SWL -1.7M 19/08/1972 | | |
| 46017 | 1 | SOIL | 0 | 0.61 |
| 46017 | 2 | SANDY CLAY | 0.61 | 5.49 |
| 46017 | 3 | HARD CLAY | 5.49 | 12.19 |
| 46017 | 4 | SAND AND GRAVEL | 12.19 | 18.9 |
| 46017 | 5 | HARD CLAY | 18.9 | 19.51 |
| 46134 | 1 | TOP SOIL | 0 | 0.5 |
| 46134 | 2 | DRY SAND | 0.5 | 1 |
| 46134 | 3 | SANDY CLAY | 1 | 2 |
| 46134 | 4 | SAND | 2 | 7 |
| 46134 | 5 | SANDY BLUE CLAY | 7 | 8 |
| 46134 | 6 | SAND AND GRAVEL | 8 | 12 |
| 46134 | 902 | SWL -2.0M 13/02/1975 | | |
| 46134 | 903 | DRILLERS EST = 5.0 LPS | | |
| 46411 | 1 | SOIL | 0 | 0.3 |
| 46411 | 2 | HARD CLAY | 0.3 | 1.83 |
| 46411 | 3 | COARSE SANDY CLAY | 1.83 | 3.1 |
| 46411 | 4 | HARD CLAY | 3.1 | 3.7 |
| 46411 | 5 | COARSE SANDY CLAY | 3.7 | 9.8 |
| 46411 | 6 | SAND AND GRAVEL | 9.8 | 12.5 |
| 46411 | 902 | SWL 3/9/77 1.2M | | |
| 46411 | 903 | DRILLERS TEST 15.2L/S | | |
| 46425 | 1 | SOIL | 0 | 0.3 |
| 46425 | 2 | CLAY | 0.3 | 3.05 |
| 46425 | 3 | SANDY CLAY | 3.05 | 7.01 |
| 46425 | 4 | BROWN AND WHITE SAND | 7.01 | 12.5 |
| 46425 | 5 | CLAY | 12.5 | 14.63 |
| 46425 | 902 | 06/11/1976 SWL -2.40 M TMP NUL C | | |
| 46425 | 903 | DISCH 002402.4 M3D DRILLERS TEST | | |
| 46451 | 1 | SOIL | 0 | 0.61 |
| 46451 | 2 | SANDY CLAY | 0.61 | 5.49 |
| 46451 | 3 | HARD CLAY | 5.49 | 10.97 |
| 46451 | 4 | SAND | 10.97 | 14.63 |
| 46451 | 5 | CLAY | 14.63 | 14.94 |
| 46451 | 902 | 17/09/1976 SWL -2.40 M TMP NUL C | | |
| 46451 | 903 | DISCH 000218.4 M3D DRILLERS TEST | | |
| 63000 | 1 | GLUE POT | 0 | 0.6 |
| 63000 | 2 | HARD CLAY | 0.6 | 3.05 |
| 63000 | 3 | FINE BLACK SANDY CLAY | 3.05 | 3.96 |
| 63000 | 4 | FINE SAND | 3.96 | 8.23 |
| 63000 | 5 | CLAY | 8.23 | 8.38 |
| 63000 | 6 | SAND AND GRAVEL | 8.38 | 9.45 |
| 63000 | 7 | SAND | 9.45 | 11.28 |
| 63000 | 901 | 17 TEST HOLES DRILLED | | |
| 63000 | 902 | 9/11/1982 SWL 2.74M | | |
| 63000 | 903 | DRILLERS EST = 25.745LPS | | |
| 81031 | 1 | CLAY | 0 | 3 |
| 81031 | 2 | SANDY CLAY | 3 | 4 |
| 81031 | 3 | MED/COARSE SAND | 4 | 6 |
| 81031 | 4 | SANDY CLAY | 6 | 6.1 |
| 81031 | 5 | MED/COARSESAND | 6.1 | 9.7 |
| 81031 | 6 | CLAY | 9.7 | 9.9 |
| 81031 | 902 | 26-6-1992 SWL 2.5 M | | |
| 85030 | 1 | SOIL | 0 | 0.3 |
| 85030 | 3 | HARD CLAY | 0.3 | 3.05 |
| 85030 | 5 | SANDY CLAY | 3.05 | 9.75 |
| 85030 | 7 | SAND | 9.75 | 12.8 |
| 85030 | 9 | CLAY | 12.8 | 12.9 |
| 85030 | 902 | SWL -3.5M 09/03/1987 | | |
| 104082 | 1 | SOIL | 0 | 0.3 |
| 104082 | 2 | HARD CLAY | 0.3 | 2.44 |
| 104082 | 3 | COARSE SANDY CLAY | 2.44 | 3.96 |
| 104082 | 4 | HARD CLAY | 3.96 | 4.27 |
| 104082 | 5 | FINE SANDY CLAY | 4.27 | 7.62 |

| RN | REC | DESCR | TOP | BOTTOM |
|---|---|---|---|---|
| 104082 | 6 | SAND | 7.62 | 9.75 |
| 104082 | 7 | CLAY | 9.75 | 10.06 |
| 104082 | 8 | SAND & GRAVEL | 10.06 | 12.19 |
| 104083 | 1 | SOIL | 0 | 0.3 |
| 104083 | 2 | HARD CLAY | 0.3 | 2.13 |
| 104083 | 3 | COARSE SAND CLAY | 2.13 | 3.67 |
| 104083 | 4 | HARD CLAY | 3.67 | 4.59 |
| 104083 | 5 | FINE SANDY CLAY | 4.59 | 9.14 |
| 104083 | 6 | SAND & GRAVEL | 9.14 | 10.06 |
| 104083 | 7 | COARSE GRAVEL & CLAY | 10.06 | 12.8 |
| 104083 | 8 | . | 12.8 | |
| 104084 | 1 | SOIL | 0 | 0.3 |
| 104084 | 2 | HARD CLAY | 0.3 | 1.83 |
| 104084 | 3 | COARSE SANDY CLAY | 1.83 | 3.05 |
| 104084 | 4 | FINE SANDY CLAY | 3.05 | 6.4 |
| 104084 | 5 | HARD CLAY | 6.4 | 12.19 |
| 104084 | 6 | FINE SANDY CLAY | 12.19 | 14.64 |
| 104084 | 7 | HARD CLAY | 14.64 | 16.46 |
| 104084 | 8 | DECOMPOSED GRANITE | 16.46 | 17.07 |
| 104350 | 1 | SOIL(SANDY) | 0 | 0.3 |
| 104350 | 2 | HARD CLAY | 0.3 | 1.83 |
| 104350 | 3 | SANDY CLAY | 1.83 | 3.05 |
| 104350 | 4 | HARD CLAY | 3.05 | 6.1 |
| 104350 | 5 | FINE SANDY CLAY | 6.1 | 7.32 |
| 104350 | 6 | HARD CLAY | 7.32 | 17.38 |
| 104350 | 7 | HARD GRANITE | 17.38 | 18.29 |
| 104351 | 1 | SANDY SOIL | 0 | 0.6 |
| 104351 | 2 | HARD CLAY | 0.6 | 3.05 |
| 104351 | 3 | SANDY CLAY | 3.05 | 4.27 |
| 104351 | 4 | SOARSE SANDY CLAY | 4.27 | 6.1 |
| 104351 | 5 | HARD CLAY | 6.1 | 13.41 |
| 104351 | 6 | SAND & GRAVEL | 13.41 | 19.2 |
| 104352 | 1 | SOIL | 0 | 0.6 |
| 104352 | 2 | HARD CLAY | 0.6 | 3.67 |
| 104352 | 3 | FIONE SANDY CLAY | 3.67 | 6.1 |
| 104352 | 4 | HARD CLAY | 6.1 | 12.19 |
| 104352 | 5 | SANDY CLAY | 12.19 | 15.85 |
| 104352 | 6 | HARD CLAY | 15.85 | 18.29 |
| 104352 | 7 | GRANITE | 18.29 | 19.5 |
| 104353 | 1 | SANDY SOIL | 0 | 0.6 |
| 104353 | 2 | SANDY CLAY | 0.6 | 1.83 |
| 104353 | 3 | HARD CLAY | 1.83 | 4.27 |
| 104353 | 4 | SANDY CLAY | 4.27 | 7.32 |
| 104353 | 5 | HARD CLAY | 7.32 | 15.24 |
| 104354 | 1 | SOIL | 0 | 0.3 |
| 104354 | 2 | SANDY CLAY | 0.3 | 1.83 |
| 104354 | 3 | HARD CLAY | 1.83 | 3.67 |
| 104354 | 4 | FINE SANDY CLAY | 3.67 | 6.7 |
| 104354 | 5 | COARSE SANDY CLAY | 6.7 | 8.53 |
| 104355 | 1 | SOIL | 0 | 0.6 |
| 104355 | 2 | SANDY CLAY | 0.6 | 1.83 |
| 104355 | 3 | HARD CLAY | 1.83 | 5.79 |
| 104355 | 4 | FINE SANDY CLAY | 5.79 | 8.84 |
| 104355 | 5 | SAND | 8.84 | 9.14 |
| 104355 | 6 | HARD CLAY | 9.14 | 11.28 |
| 104356 | 1 | SOIL | 0 | 0.6 |
| 104356 | 2 | HARD CLAY | 0.6 | 5.49 |
| 104356 | 3 | SANDY CLAY | 5.49 | 9.14 |
| 104356 | 4 | HARD CLAY | 9.14 | 15.24 |
| 104357 | 1 | SOIL | 0 | 0.6 |
| 104357 | 2 | HARD CLAY | 0.6 | 1.83 |
| 104357 | 3 | SANDY CLAY | 1.83 | 2.44 |
| 104357 | 4 | HARD CLAY | 2.44 | 4.27 |
| 104357 | 5 | SANDY CLAY | 4.27 | 6.1 |
| 104357 | 6 | SAND AND GRAVEL | 6.1 | 7.62 |
| 104358 | 1 | SOIL | 0 | 0.6 |
| 104358 | 2 | HARD CLAY | 0.6 | 2.44 |
| 104358 | 3 | SANDY CLAY | 2.44 | 6.1 |
| 104358 | 4 | SAND AND GRAVEL | 6.1 | 8.53 |
| 104358 | 5 | HARD CLAY | 8.53 | 10.67 |
| 104359 | 1 | SOIL | 0 | 0.6 |
| 104359 | 2 | HARD CLAY | 0.6 | 1.83 |
| 104359 | 3 | SANDY CLAY | 1.83 | 2.44 |
| 104359 | 4 | HARD CLAY | 2.44 | 4.27 |
| 104359 | 5 | SANDY CLAY | 4.27 | 6.1 |
| 104359 | 6 | SAND AND GRAVEL | 6.1 | 7.62 |
| 104375 | 1 | GLUE POT | 0 | 0.6 |
| 104375 | 2 | HARD CLAY | 0.6 | 3.35 |
| 104375 | 3 | FINE SANDY CLAY | 3.35 | 5.49 |
| 104375 | 4 | SAND | 5.49 | 7.92 |
| 104375 | 5 | HARD CLAY | 7.92 | 14.02 |
| 104375 | 6 | SANDY CLAY | 14.02 | 18.59 |
| 104376 | 1 | SOIL | 0 | 0.3 |
| 104376 | 2 | CLAY | 0.3 | 10.36 |
| 104376 | 3 | SAND | 10.36 | 11.59 |
| 104376 | 4 | CLAY | 11.59 | 15.24 |
| 104376 | 5 | SANDY CLAY | 15.24 | 19.2 |
| 104377 | 1 | SOIL | 0 | 0.3 |
| 104377 | 2 | HARD CLAY | 0.3 | 7.01 |
| 104377 | 3 | SANDY CLAY | 7.01 | 8.23 |
| 104377 | 4 | CLAY | 8.23 | 15.24 |
| 104377 | 5 | SAND | 15.24 | 19.2 |
| 104378 | 1 | GLUE POT | 0 | 0.6 |
| 104378 | 2 | HARD CLAY | 0.6 | 3.35 |
| 104378 | 3 | SANDY CLAY | 3.35 | 6.7 |
| 104378 | 4 | SAND | 6.7 | 8.23 |
| 104378 | 5 | CLAY | 8.23 | 14.94 |
| 104378 | 6 | SANDY CLAY | 14.94 | 19.5 |

| RN | REC | DESCR | TOP | BOTTOM |
|---|---|---|---|---|
| 104379 | 1 | GLUE POT | 0 | 0.6 |
| 104379 | 2 | HARD CLAY | 0.6 | 3.05 |
| 104379 | 3 | SANDY CLAY | 3.05 | 4.27 |
| 104379 | 4 | SAND | 4.27 | 7.62 |
| 104379 | 5 | CLAY | 7.62 | 7.92 |
| 104379 | 6 | SAND | 7.92 | 10.98 |
| 104379 | 7 | CLAY | 10.98 | 12.5 |
| 104380 | 1 | GLUE POT | 0 | 0.6 |
| 104380 | 2 | HARD CLAY | 0.6 | 3.05 |
| 104380 | 3 | SANDY CLAY | 3.05 | 4.57 |
| 104380 | 4 | SAND | 4.57 | 9.14 |
| 104380 | 5 | CLAY,SAND AND GRAVEL | 9.14 | 11.28 |
| 104380 | 6 | CLAY | 11.28 | 13.1 |
| 104381 | 1 | SOIL | 0 | 1 |
| 104381 | 2 | SANDY CLAY | 1 | 17 |
| 104381 | 3 | SAND | 17 | 17.3 |
| 104381 | 4 | CLAY | 17.3 | 20.5 |
| 104381 | 5 | SILTY CLAY | 20.5 | 24.5 |
| 104381 | 6 | GRANITE | 24.5 | 22 |
| 104382 | 1 | SOIL | 0 | 1 |
| 104382 | 2 | SANDY CLAY | 1 | 4 |
| 104382 | 3 | SILT AND SANDY CLAY | 4 | 7 |
| 104382 | 4 | SANDY CLAY | 7 | 13 |
| 104382 | 5 | CLAY | 13 | 17 |
| 104382 | 6 | SILTY CLAY | 17 | 18.3 |
| 104383 | 1 | SOIL | 0 | 1 |
| 104383 | 2 | SANDY CLAY | 1 | 10 |
| 104383 | 3 | CLAY | 10 | 17 |
| 104383 | 4 | SILT | 17 | 16.7 |
| 104386 | 1 | SOIL | 0 | 1 |
| 104386 | 2 | SANDY CLAY | 1 | 5 |
| 104386 | 3 | SANDY CLAY AND SILT | 5 | 12 |
| 104386 | 4 | CLAY | 12 | 14 |
| 104386 | 5 | SILT | 14 | 15 |
| 104386 | 6 | CLAY | 15 | 15.8 |
| 104386 | 7 | FINE SAND | 15.8 | 17 |
| 104386 | 8 | SANDY CLAY | 17 | 17.2 |
| 104386 | 9 | MEDIUM SAND | 17.2 | 17.8 |
| 104386 | 10 | CLAY | 17.8 | 23.1 |
| 104386 | 11 | CEMENTRY SAND | 23.1 | 24 |
| 104387 | 1 | SOIL | 0 | 1 |
| 104387 | 2 | SANDY CLAY | 1 | 4.5 |
| 104387 | 3 | SILT | 4.5 | 6 |
| 104387 | 4 | CLAY | 6 | 8 |
| 104387 | 5 | FINE TO MED SAND | 8 | 11.6 |
| 104387 | 6 | SANDY CLAY | 11.6 | 16 |
| 104388 | 1 | SOIL | 0 | 1 |
| 104388 | 2 | SANDY CLAY | 1 | 5.5 |
| 104388 | 3 | SILT AND CLAY | 5.5 | 12.5 |
| 104388 | 4 | CLAY | 12.5 | 14.5 |
| 104388 | 5 | SAND AND CLAY BANDS | 14.5 | 16 |
| 104389 | 1 | SOIL | 0 | 1 |
| 104389 | 2 | SANDY CLAY | 1 | 2 |
| 104389 | 3 | CLAY | 2 | 4 |
| 104389 | 4 | SILT AND CLAY | 4 | 9.5 |
| 104389 | 5 | SAND | 9.5 | 10 |
| 104389 | 6 | GRANITE SAND AND CLAY | 10 | 12 |
| 104389 | 7 | BROWN CLAY | 12 | 14 |
| 104389 | 8 | SILT AND SAND SOFTER CLAY BANDS | 14 | 18.5 |
| 104389 | 9 | CLAY | 18.5 | 21.4 |
| 105459 | 1 | TOPSOIL | 0 | 0.3 |
| 105459 | 2 | YELLOW CLAY | 0.3 | 1.52 |
| 105459 | 3 | BROWN SANDY CLAY | 1.52 | 6.1 |
| 105459 | 4 | CREAMY CLAY | 6.1 | 7.92 |
| 105459 | 5 | SANDY CLAY WET | 7.92 | 9.75 |
| 105618 | 1 | SANDY CLAY | 0 | 3 |
| 105618 | 2 | GREY CLAY | 3 | 4 |
| 105618 | 3 | BROWN CLAY | 4 | 5 |
| 105618 | 4 | COARSE SANDY CLAY | 5 | 8 |
| 105618 | 5 | GREY CLAY | 8 | 10.8 |
| 105618 | 6 | MEDIUM SAND | 10.8 | 13.4 |
| 105623 | 1 | TOP SOIL | 0 | 1 |
| 105623 | 2 | BROWN CLAY | 1 | 3 |
| 105623 | 3 | ORANGE CLAY | 3 | 6 |
| 105623 | 4 | SILTY CREAM SAND | 6 | 11 |
| 105625 | 1 | TOP SOIL | 0 | 0.3 |
| 105625 | 2 | CLAY | 0.3 | 2.44 |
| 105625 | 3 | CLAYEY SAND | 2.44 | 7.62 |
| 105625 | 4 | CLAY | 7.62 | 12.19 |
| 105625 | 5 | SAND AND WATER | 12.19 | 15.24 |
| 105688 | 1 | TOP SOIL | 0 | 1 |
| 105688 | 2 | LOAMY SOIL | 1 | 5 |
| 105688 | 3 | YELLOW DAMP CLAY | 5 | 14 |
| 105688 | 4 | SAND/GRAVEL | 14 | 18 |
| 105689 | 1 | CLAY | 0 | 5 |
| 105689 | 2 | COARSE SANDY CLAY | 5 | 8 |
| 105689 | 3 | CLAY | 8 | 12 |
| 105689 | 4 | FINE SAND | 12 | 15.2 |
| 105717 | 1 | TOP SOIL | 0 | 0.61 |
| 105717 | 2 | CLAY | 0.61 | 3.66 |
| 105717 | 3 | SAND/WATER | 3.66 | 3.96 |
| 105717 | 4 | HARD CLAY | 3.96 | 8.53 |
| 105717 | 5 | SAND | 8.53 | 9.45 |
| 105717 | 6 | HARD CLAY | 9.45 | 9.75 |
| 105721 | 1 | TOP SOIL | 0 | 1 |
| 105721 | 2 | BROWN CLAY | 1 | 3 |
| 105721 | 3 | BROWN SAND | 3 | 7 |
| 105721 | 4 | ORANGE CLAY | 7 | 9 |

| RN | REC | DESCR | TOP | BOTTOM |
|---|---|---|---|---|
| 105721 | 5 | BROWN SAND | 9 | 12 |
| 105731 | 1 | TOP SOIL | 0 | 1 |
| 105731 | 2 | LOAMY SAND | 1 | 3 |
| 105731 | 3 | BROWN CLAY | 3 | 6 |
| 105731 | 4 | YELLOW CLAY | 6 | 10 |
| 105731 | 5 | GREY CLAY | 10 | 13 |
| 105731 | 6 | SAND | 13 | 16 |
| 105971 | 1 | TOP SOIL | 0 | 1 |
| 105971 | 2 | BROWN CLAY | 1 | 3 |
| 105971 | 3 | COARSE SAND | 3 | 6 |
| 105978 | 1 | TOP SOIL | 0 | 0.61 |
| 105978 | 2 | CLAY | 0.61 | 4.57 |
| 105978 | 3 | CLAYEY SAND | 4.57 | 6.1 |
| 105978 | 4 | SAND AND WATER | 6.1 | 7.32 |
| 105978 | 5 | CLAY | 7.32 | 8.23 |
| 105993 | 1 | TOP SOIL | 0 | 1 |
| 105993 | 2 | BROWN CLAY | 1 | 4 |
| 105993 | 3 | ORANGE CLAY | 4 | 6 |
| 105993 | 4 | SAND AND GRAVEL | 6 | 10 |
| 131308 | 1 | FILL | 0 | 1 |
| 131308 | 2 | BROWN CLAY | 1 | 4 |
| 131308 | 3 | BEIGE SILTY CLAY | 4 | 6 |
| 131309 | 1 | FILL | 0 | 1 |
| 131309 | 2 | BROWN CLAY | 1 | 4 |
| 131309 | 3 | BEIGE SILTY CLAY | 4 | 6 |
| 131310 | 1 | FILL EX DIESEL TANK HOLE | 0 | 3 |
| 131332 | 1 | TOP SOIL | 0 | 0.3 |
| 131332 | 2 | CLAY | 0.3 | 1.52 |
| 131332 | 3 | SANDY CLAY | 1.52 | 4.57 |
| 131332 | 4 | CLAY | 4.57 | 6.71 |
| 131332 | 5 | SANDY CLAY | 6.71 | 7.62 |
| 131333 | 1 | TOP SOIL | 0 | 0.15 |
| 131333 | 2 | SANDY CLAY | 0.15 | 0.91 |
| 131333 | 3 | GREY SAND AND CLAY | 0.91 | 4.57 |
| 131333 | 4 | HARD CLAY | 4.57 | 6.1 |
| 131333 | 5 | SANDY CLAY | 6.1 | 8.84 |
| 131333 | 6 | RED CLAY | 8.84 | 9.75 |
| 131335 | 1 | TOP SOIL | 0 | 0.3 |
| 131335 | 2 | CLAY | 0.3 | 8.53 |
| 131335 | 3 | WATER | 8.53 | 11.89 |
| 131335 | 4 | CLAY | 11.89 | 12.19 |
| 131337 | 1 | TOP SOIL | 0 | 0.3 |
| 131337 | 2 | CLAY | 0.3 | 4.57 |
| 131337 | 3 | WET CLAYBOUND | 4.57 | 6.1 |
| 131337 | 4 | CLAY | 6.1 | 7.01 |
| 131419 | 1 | BROWN CLAY | 0 | 2 |
| 131419 | 2 | SANSY CLAY | 2 | 2.5 |
| 131419 | 3 | BROWN CLAY AND LAYERS OF SANDY CLAY | 2.5 | 7 |
| 131419 | 4 | MULTI COLOURED CLAY | 7 | 17 |
| 131419 | 5 | FINE SAND | 17 | 17.7 |
| 131419 | 6 | SANDY CLAY | 17.7 | 17.8 |
| 131421 | 1 | BROWN CLAY | 0 | 1.5 |
| 131421 | 2 | COARSE SANDY CLAY | 1.5 | 7 |
| 131421 | 3 | GREY CLAY | 7 | 10 |
| 131421 | 4 | MED/COARSE SAND | 10 | 12.8 |
| 131672 | 1 | TOP SOIL | 0 | 0.3 |
| 131672 | 2 | HARD CLAY | 0.3 | 4.57 |
| 131672 | 3 | SOFT CLAY | 4.57 | 6.1 |
| 131672 | 4 | HARD CLAY | 6.1 | 8.23 |
| 131759 | 1 | TOP SOIL | 0 | 0.3 |
| 131759 | 2 | CLAY | 0.3 | 4.57 |
| 131759 | 3 | SANDY CLAY | 4.57 | 7.62 |
| 131759 | 4 | SANDY CLAY AND WATER | 7.62 | 10.06 |
| 131759 | 5 | CLAY | 10.06 | 11.28 |
| 131771 | 1 | TOP SOIL | 0 | 1 |
| 131771 | 2 | BROWN CLAY | 1 | 5 |
| 131771 | 3 | SAND/GRAVEL | 5 | 9 |
| 131917 | 1 | DAMP FINE BROWN SAND * | 0 | 4 |
| 131917 | 2 | WET BROWN SAND | 4 | 7 |
| 131997 | 1 | TOP SOIL | 0 | 0.5 |
| 131997 | 2 | BROWN CLAY | 0.5 | 5.5 |
| 131997 | 3 | SILTY SAND * | 5.5 | 7 |
| 141066 | 1 | BROWN CLAY | 0 | 2 |
| 141066 | 2 | BROWN SANDY CLAY | 2 | 6.5 |
| 141066 | 3 | COARSE SANDY CLAY | 6.5 | 8.5 |
| 141066 | 4 | GREY CLAY | 8.5 | 13 |
| 141066 | 5 | FINE TO MEDIUM SAND * | 13 | 15.2 |
| 141093 | 1 | TOP SOIL | 0 | 1 |
| 141093 | 2 | BLACK CLAY | 1 | 5 |
| 141093 | 3 | SILTY SAND/CLAY * | 5 | 7.8 |
| 141097 | 1 | TOP SOIL | 0 | 1 |
| 141097 | 2 | BLACK CLAY | 1 | 6 |
| 141097 | 3 | ORANGE CLAY * | 6 | 11 |
| 141097 | 4 | SILTY CLAY | 11 | 12 |
| 141097 | 5 | SAND/GRAVEL | 12 | 14.87 |
| 141211 | 1 | FILL | 0 | 0.2 |
| 141211 | 2 | CLAY, BROWN | 0.2 | 3 |
| 141211 | 3 | SAND, SILTY; CLAY | 3 | 4 |
| 141212 | 1 | GRAVEL/FILL | 0 | 0.2 |
| 141212 | 2 | CLAY, BROWN | 0.2 | 3 |
| 141212 | 3 | SILTY SAND/CLAY | 3 | 4 |
| 141213 | 1 | SAWDUST/FILL | 0 | 0.3 |
| 141213 | 2 | CLAY, BROWN | 0.3 | 3 |
| 141213 | 3 | CLAY, SILTY | 3 | 4 |
| 141214 | 1 | SAWDUST/FILL | 0 | 0.2 |
| 141214 | 2 | CLAY, BROWN | 0.2 | 3 |
| 141214 | 3 | SAND, SILTY | 3 | 4 |
| 141215 | 1 | ROADBASE | 0 | 0.2 |

| RN | REC | DESCR | TOP | BOTTOM |
|---|---|---|---|---|
| 141215 | 2 | CLAY, BROWN | 0.2 | 3 |
| 141215 | 3 | SAND, SILTY | 3 | 4 |
| 141216 | 1 | TAR/ROADBASE | 0 | 0.2 |
| 141216 | 2 | CLAY, BROWN | 0.2 | 3 |
| 141216 | 3 | SAND, COARSE | 3 | 4 |
| 141338 | 1 | TOPSOIL, SANDY | 0 | 2 |
| 141338 | 2 | CLAY | 2 | 4 |
| 141338 | 3 | SAND, SLOPPY | 4 | 9.5 |
| 141394 | 1 | FILL (SAND) | 0 | 2 |
| 141394 | 2 | MUD, MANGROVE | 2 | 2.6 |
| 141394 | 3 | SAND, SILTY | 2.6 | 6 |
| 141395 | 1 | FILL (SAND) | 0 | 2 |
| 141395 | 2 | MUD, MANGROVE | 2 | 2.6 |
| 141395 | 3 | SAND, SILTY | 2.6 | 6 |
| 141414 | 1 | FILL | 0 | 0.5 |
| 141414 | 2 | CLAY, BROWN | 0.5 | 4 |
| 141414 | 3 | CLAY, BLACK | 4 | 6 |
| 141414 | 4 | SAND, SILTY, GREY | 6 | 8 |
| 141789 | 1 | TOPSOIL | 0 | 0.5 |
| 141789 | 2 | CLAY, BLACK | 0.5 | 4 |
| 141789 | 3 | CLAY, BROWN | 4 | 6 |
| 141789 | 4 | CLAY, SILTY | 6 | 7 |
| 141789 | 5 | SAND/GRAVEL | 7 | 9 |
| 12500143 | 1 | SOIL | 0 | 0.61 |
| 12500143 | 2 | LIGHT BROWN CLAY | 0.61 | 1.83 |
| 12500143 | 3 | SAND AND CLAY | 1.83 | 2.74 |
| 12500143 | 4 | BROWN CLAY | 2.74 | 3.84 |
| 12500143 | 5 | SAND AND CLAY | 3.84 | 5.18 |
| 12500143 | 6 | BROWN CLAY | 5.18 | 8.84 |
| 12500143 | 7 | WET SANDY CLAY | 8.84 | 13.72 |
| 12500143 | 8 | GREY GRITTY CLAY | 13.72 | 15.24 |
| 12500146 | 1 | SOIL | 0 | 0.61 |
| 12500146 | 2 | BROWN CLAY | 0.61 | 5.79 |
| 12500146 | 3 | WET SANDY CLAY | 5.79 | 9.75 |
| 12500146 | 4 | SANDY CLAY | 9.75 | 14.33 |
| 12500146 | 5 | CLAY | 14.33 | 14.63 |
| 12500147 | 1 | SOIL | 0 | 0.61 |
| 12500147 | 2 | BROWN CLAY | 0.61 | 5.49 |
| 12500147 | 3 | WET SANDY CLAY | 5.49 | 9.14 |
| 12500147 | 4 | BROWN SANDY CLAY | 9.14 | 14.02 |
| 12500148 | 1 | SOIL | 0 | 0.61 |
| 12500148 | 2 | BROWN CLAY | 0.61 | 2.44 |
| 12500148 | 3 | SAND AND CLAY | 2.44 | 5.49 |
| 12500148 | 4 | GREY SANDY CLAY | 5.49 | 10.06 |
| 12500148 | 5 | CLAY | 10.06 | 10.36 |
| 12500149 | 1 | SOIL | 0 | 0.61 |
| 12500149 | 2 | LIGHT BROWN CLAY | 0.61 | 3.96 |
| 12500149 | 3 | DARK BROWN CLAY | 3.96 | 5.49 |
| 12500149 | 4 | GREY SANDY CLAY | 5.49 | 8.53 |
| 12500149 | 5 | WET SANDY CLAY | 8.53 | 12.5 |
| 12500149 | 6 | CLAY | 12.5 | 13.11 |
| 12500150 | 1 | SOIL | 0 | 0.61 |
| 12500150 | 2 | LIGHT BROWN CLAY | 0.61 | 4.27 |
| 12500150 | 3 | DARK BROWN CLAY | 4.27 | 10.06 |
| 12500150 | 4 | CLAY | 10.06 | 10.67 |
| 12500151 | 1 | SOIL | 0 | 0.61 |
| 12500151 | 2 | LIGHT BROWN CLAY | 0.61 | 3.66 |
| 12500151 | 3 | DARK BROWN CLAY | 3.66 | 8.53 |
| 12500151 | 4 | CLAY | 8.53 | 9.45 |
| 12500151 | 5 | WET SANDY CLAY | 9.45 | 15.24 |
| 12500151 | 6 | CLAY | 15.24 | 15.54 |
| 12500152 | 1 | SOIL | 0 | 0.61 |
| 12500152 | 2 | LIGHT BROWN CLAY | 0.61 | 2.44 |
| 12500152 | 3 | SAND AND CLAY | 2.44 | 3.96 |
| 12500152 | 4 | SOFT GREY CLAY | 3.96 | 6.4 |
| 12500152 | 5 | CLAY | 6.4 | 7.01 |
| 12500153 | 1 | SOIL | 0 | 0.61 |
| 12500153 | 2 | LIGHT BROWN CLAY | 0.61 | 2.44 |
| 12500153 | 3 | SAND AND CLAY | 2.44 | 3.96 |
| 12500153 | 4 | GREY SANDY CLAY | 3.96 | 7.01 |
| 12500153 | 5 | WET SANDY CLAY | 7.01 | 10.97 |
| 12500153 | 6 | SAND WITH CLAY | 10.97 | 15.85 |
| 12500153 | 7 | CLAY | 15.85 | 16.15 |
| 12500154 | 1 | SOIL | 0 | 0.61 |
| 12500154 | 2 | LIGHT BROWN CLAY | 0.61 | 2.44 |
| 12500154 | 3 | SAND WITH CLAY | 2.44 | 3.66 |
| 12500154 | 4 | SOFT GREY CLAY | 3.66 | 5.49 |
| 12500154 | 5 | CLAY | 5.49 | 5.79 |
| 12500155 | 1 | SOIL | 0 | 0.61 |
| 12500155 | 2 | LIGHT BROWN CLAY | 0.61 | 2.74 |
| 12500155 | 3 | SAND AND CLAY | 2.74 | 4.27 |
| 12500155 | 4 | BROWN CLAY | 4.27 | 7.01 |
| 12500155 | 5 | WET BROWN CLAY | 7.01 | 9.14 |
| 12500156 | 1 | SOIL | 0 | 0.61 |
| 12500156 | 2 | LIGHT BROWN CLAY | 0.61 | 2.44 |
| 12500156 | 3 | SAND AND CLAY | 2.44 | 4.57 |
| 12500156 | 4 | WET SANDY CLAY | 4.57 | 6.1 |
| 12500156 | 5 | GREY GRITTY CLAY | 6.1 | 8.53 |
| 12500156 | 6 | BROWN AND GREY CLAY | 8.53 | 13.11 |
| 12500156 | 7 | FINE SAND WITH CLAY | 13.11 | 15.85 |
| 12500156 | 8 | CLAY | 15.85 | 16.15 |
| 12500157 | 1 | SOIL | 0 | 0.61 |
| 12500157 | 2 | LIGHT BROWN CLAY | 0.61 | 2.74 |
| 12500157 | 3 | SAND AND CLAY | 2.74 | 4.88 |
| 12500157 | 4 | WET SAND AND CLAY | 4.88 | 6.4 |
| 12500157 | 5 | BROWN SANDY CLAY | 6.4 | 13.41 |
| 12500157 | 6 | SAND WITH MUCH CLAY | 13.41 | 15.54 |
| 12500157 | 7 | CLAY | 15.54 | 15.85 |

| RN | REC | DESCR | TOP | BOTTOM |
|---|---|---|---|---|
| 12500158 | 1 | SOIL | 0 | 0.61 |
| 12500158 | 2 | LIGHT BROWN CLAY | 0.61 | 2.74 |
| 12500158 | 3 | SAND AND CLAY | 2.74 | 5.18 |
| 12500158 | 4 | BROWN CLAY | 5.18 | 10.36 |
| 12500158 | 5 | BROWN AND GREY CLAY | 10.36 | 12.8 |
| 12500158 | 6 | CLAY | 12.8 | 13.11 |
| 12500159 | 1 | SOIL | 0 | 0.79 |
| 12500159 | 2 | BROWN CLAY | 0.79 | 3.05 |
| 12500159 | 3 | SAND AND CLAY | 3.05 | 4.88 |
| 12500159 | 4 | WET CLAY | 4.88 | 6.71 |
| 12500159 | 5 | LIGHT BROWN CLAY | 6.71 | 10.67 |
| 12500160 | 1 | SOIL | 0 | 0.61 |
| 12500160 | 2 | BROWN CLAY | 0.61 | 3.35 |
| 12500160 | 3 | FINE SAND | 3.35 | 4.57 |
| 12500160 | 4 | BROWN CLAY | 4.57 | 8.53 |
| 12500160 | 5 | WET SANDY CLAY | 8.53 | 13.41 |
| 12500160 | 6 | SAND AND CLAY | 13.41 | 16.15 |
| 12500160 | 7 | CLAY | 16.15 | 16.46 |
| 12500161 | 1 | SOIL | 0 | 0.61 |
| 12500161 | 2 | BROWN SANDY CLAY | 0.61 | 1.83 |
| 12500161 | 3 | SAND AND CLAY | 1.83 | 4.27 |
| 12500161 | 4 | BROWN CLAY | 4.27 | 6.71 |
| 12500161 | 5 | BROWN SANDY CLAY | 6.71 | 9.14 |
| 12500161 | 6 | FINE SAND AND CLAY | 9.14 | 14.63 |
| 12500161 | 7 | CLAY | 14.63 | 14.94 |
| 12500275 | 1 | GREY SANDY CLAY SOIL | 0 | 1 |
| 12500275 | 2 | GREY BROWN CLAYEY VF-F SAND, FE STAINING | 1 | 2 |
| 12500275 | 3 | GREY BROWN CLAYEY VF-VC SAND, MINOR GRAVEL, FE STAINING | 2 | 4 |
| 12500275 | 4 | GREY BROWN CLAYEY VF-F SAND, FE STAINING | 4 | 6 |
| 12500275 | 5 | BROWN SANDY CLAY | 6 | 8.5 |
| 12500275 | 6 | LIGHT BROWN VF-F LITHIC SAND; WATER | 8.5 | 9.8 |
| 12500275 | 7 | DARK BROWN CLAYEY VF LITHIC SAND | 9.8 | 11 |
| 12500275 | 8 | LIGHT BROWN CLAYEY VF-VC LITHIC SAND & GRAVEL, ABUNDANT GRANITIC FRAGMENTS; | 11 | 13 |
| 12500275 | 10 | LIGHT BROWN CLAYEY VF-VC LITHIC SAND, ABUNDANT GRANITIC FRAGMENTS; WATER | 13 | 15 |
| 12500275 | 11 | LIGHT GREY SANDY CLAY, FE MOTTLING | 15 | 17 |
| 12500275 | 12 | LIGHT GREY CLAY | 17 | 21 |
| 12500275 | 13 | LIGHT BROWN CLAYEY VF-F LITHIC SAND, GRANITIC FRAGMENTS, MICACEOUS, FE MOTTLING | 21 | 23 |
| 12500275 | 14 | LIGHT BROWN BIOTITE MONZOGRANITE, VERY WEATHERED, FRACTURED, FE STAINING; WATER | 23 | 32.75 |
| 12500275 | 15 | LIGHT BROWN BIOTITE MONZOGRANITE; POOR SAMPLE RECOVERY | 32.75 | 32.8 |
| 12500275 | 9 | WATER FROM 11.5M | | |
| 12500276 | 1 | GREY SANDY CLAY SOIL | 0 | 1 |
| 12500276 | 2 | GREY BROWN CLAYEY VF-F SAND, FE STAINING | 1 | 2 |
| 12500276 | 3 | GREY BROWN CLAYEY VF-VC SAND, MINOR GRAVEL, FE STAINING | 2 | 4 |
| 12500276 | 4 | GREY BROWN CLAYEY VF-F SAND, FE STAINING | 4 | 6 |
| 12500276 | 5 | BROWN SANDY CLAY | 6 | 8.5 |
| 12500276 | 6 | LIGHT BROWN VF-F LITHIC SAND; WATER | 8.5 | 9.8 |
| 12500276 | 7 | DARK BROWN CLAYEY VF LITHIC SAND | 9.8 | 11 |
| 12500276 | 8 | LIGHT BROWN CLAYEY VF-VC LITHIC SAND & GRAVEL, ABUNDANT GRANITIC FRAGMENTS; | 11 | 13 |
| 12500276 | 10 | LIGHT BROWN CLAYEY VF-VC LITHIC SAND, ABUNDANT GRANITIC FRAGMENTS; WATER | 13 | 15 |
| 12500276 | 11 | LIGHT GREY SANDY CLAY, FE MOTTLING | 15 | 16 |
| 12500276 | 9 | WATER FROM 11.5M | | |
| 12500277 | 1 | GREY SANDY CLAY SOIL | 0 | 1 |
| 12500277 | 2 | GREY BROWN CLAYEY VF-F SAND, FE STAINING | 1 | 2 |
| 12500277 | 3 | GREY BROWN CLAYEY VF-VC SAND, MINOR GRAVEL, FE STAINING | 2 | 4 |
| 12500277 | 4 | GREY BROWN CLAYEY VF-F SAND, FE STAINING | 4 | 6 |
| 12500277 | 5 | BROWN SANDY CLAY | 6 | 8.5 |
| 12500277 | 6 | LIGHT BROWN VF-F LITHIC SAND; WATER | 8.5 | 9.8 |
| 12500277 | 7 | DARK BROWN CLAYEY VF LITHIC SAND | 9.8 | 10.25 |
| 12600077 | 1 | TOP SOIL | 0 | 0.8 |
| 12600077 | 3 | SANDY CLAY | 0.8 | 1.5 |
| 12600077 | 5 | BROWN GRITTY CLAY | 1.5 | 4.6 |
| 12600077 | 7 | FINE SANDY CLAY | 4.6 | 8.5 |
| 12600077 | 9 | BROWN GRITTY CLAY | 8.5 | 10.6 |
| 12600077 | 11 | FINE SANDY CLAY | 10.6 | 10.9 |
| 12600077 | 13 | BROWN GRITTY CLAY | 10.9 | 14 |
| 12600077 | 15 | BROWN SANDY CLAY | 14 | 15.2 |
| 12600077 | 17 | FINE TO COARSE SAND | 15.2 | 15.8 |
| 12600077 | 19 | BROWN SANDY CLAY | 15.8 | 18.9 |
| 12600077 | 21 | WEATHERED GRANITE | 18.9 | 28.6 |
| 12600078 | 1 | SAND | 0 | 2.4 |
| 12600078 | 3 | BROWN GRITTY CLAY | 2.4 | 7.6 |
| 12600078 | 5 | BLUE SAND | 7.6 | 7.9 |
| 12600078 | 7 | SANDY CLAY | 7.9 | 10.4 |
| 12600078 | 9 | BLUE GRITTY CLAY | 10.4 | 13.7 |
| 12600078 | 11 | FINE TO MEDIUM SAND & CLAY | 13.7 | 14.9 |
| 12600078 | 13 | BROWN GRITTY CLAY | 14.9 | 16.2 |
| 12600078 | 15 | FINE TO MEDIUM SAND & CLAY | 16.2 | 20 |
| 12600078 | 17 | BROWN GRITTY CLAY | 20 | 21 |
| 12600078 | 19 | FINE TO COARSE SAND | 21 | 21.9 |
| 12600078 | 21 | BROWN GRAVELLY CLAY | 21.9 | 24 |
| 12600078 | 23 | FINE TO COARSE CLAYEY SAND | 24 | 26 |
| 12600078 | 25 | BROWN GRITTY CLAY | 26 | 31 |
| 12600078 | 27 | GRANITE | 31 | 32 |
| 12600079 | 1 | FINE SAND | 0 | 1.82 |
| 12600079 | 3 | BROWN GRITTY CLAY | 1.82 | 7.01 |
| 12600079 | 5 | FINE TO MEDIUM CLAYEY SAND | 7.01 | 7.62 |
| 12600079 | 7 | SOFT CLAYEY GRAVEL | 7.62 | 10.97 |
| 12600079 | 9 | BROWN CLAY | 10.97 | 13.71 |
| 12600079 | 11 | FINE TO MEDIUM CLAYEY SAND | 13.71 | 14.93 |
| 12600079 | 13 | BROWN CLAY | 14.93 | 15.24 |
| 12600079 | 15 | FINE TO MEDIUM CLAYEY SAND | 15.24 | 20.11 |
| 12600079 | 17 | BROWN GRITTY CLAY | 20.11 | 21.03 |
| 12600080 | 1 | FINE SAND | 0 | 1.82 |
| 12600080 | 3 | BROWN GRITTY CLAY | 1.82 | 7.01 |
| 12600080 | 5 | FINE TO MEDIUM SAND | 7.01 | 7.92 |
| 12600080 | 7 | BLUE CLAY | 7.92 | 8.22 |
| 12600080 | 9 | FINE TO COARSE CLAYEY SAND | 8.22 | 10.66 |
| 12600080 | 11 | BROWN CLAY | 10.66 | 13.71 |

| RN | REC | DESCR | TOP | BOTTOM |
|---|---|---|---|---|
| 12600080 | 13 | FINE TO COARSE CLAYEY SAND | 13.71 | 14.93 |
| 12600080 | 15 | GRAVELLY CLAY | 14.93 | 15.84 |
| 12600081 | 1 | BROWN SAND | 0 | 1.82 |
| 12600081 | 3 | BROWN GRITTY CLAYS | 1.82 | 7.31 |
| 12600081 | 5 | FINE CLAYEY SAND | 7.31 | 7.92 |
| 12600081 | 7 | SOFT BLUE CLAY | 7.92 | 8.22 |
| 12600081 | 9 | FINE TO COARSE SAND & COBBLES | 8.22 | 11.27 |
| 12600081 | 11 | BROWN CLAY | 11.27 | 12.49 |
| 12600082 | 1 | TOP SOIL | 0 | 0.3 |
| 12600082 | 3 | BROWN CLAY | 0.3 | 3.6 |
| 12600082 | 5 | DARK CLAY | 3.6 | 7 |
| 12600082 | 7 | BROWN CLAY & SAND | 7 | 11.6 |
| 12600082 | 9 | FINE TO MEDIUM CLAYEY SAND | 11.6 | 11.8 |
| 12600082 | 11 | BROWN GRITTY CLAY | 11.8 | 14.6 |
| 12600082 | 13 | FINE TO COARSE WHITE SAND | 14.6 | 15.2 |
| 12600082 | 15 | BLUE GRITTY CLAY | 15.2 | 15.9 |
| 12600082 | 17 | BROWN CLAY | 15.9 | 21.3 |
| 12600082 | 19 | FINE CLAYEY SAND | 21.3 | 24.4 |
| 12600082 | 21 | DECOMPOSED GRANITE | 24.4 | 32 |
| 12600082 | 23 | WEATHERED GRANITE | 32 | 33 |
| 12600082 | 25 | GRANITE | 33 | 33.5 |
| 12600082 | 902 | 00/00/0000 SWL -2.80 M TMP NUL C | | |
| 12600083 | 1 | TOP SOIL | 0 | 0.3 |
| 12600083 | 3 | GRITTY SANDY CLAYS | 0.3 | 13.1 |
| 12600083 | 5 | FINE TO COARSE CLAYEY SAND | 13.1 | 15.24 |
| 12600083 | 7 | TIGHT BROWN CLAY | 15.24 | 16.15 |
| 12600084 | 1 | TOP SOIL | 0 | 0.3 |
| 12600084 | 3 | BROWN CLAY | 0.3 | 2.13 |
| 12600084 | 5 | FINE CLAYEY SAND | 2.13 | 2.43 |
| 12600084 | 7 | BROWN CLAY | 2.43 | 7.01 |
| 12600084 | 9 | BLUE SANDY CLAY | 7.01 | 10.97 |
| 12600084 | 11 | FINE TO COARSE SAND | 10.97 | 11.58 |
| 12600084 | 13 | BROWN CLAY | 11.58 | 12.19 |
| 12600195 | 1 | SOIL | 0 | 0.76 |
| 12600195 | 2 | LIGHT SANDY CLAY | 0.76 | 1.83 |
| 12600195 | 3 | BROWN CLAY | 1.83 | 6.1 |
| 12600195 | 4 | SOFT SANDY CLAY | 6.1 | 14.02 |
| 12600195 | 5 | RED BLACK CLAY | 14.02 | 15.24 |
| 12600196 | 1 | SOIL | 0 | 0.76 |
| 12600196 | 2 | LIGHT SANDY SOIL | 0.76 | 1.83 |
| 12600196 | 3 | BROWN CLAY | 1.83 | 4.27 |
| 12600196 | 4 | GREY CLAY | 4.27 | 9.14 |
| 12600197 | 1 | SOIL | 0 | 0.61 |
| 12600197 | 2 | DARK BROWN CLAY | 0.61 | 2.44 |
| 12600197 | 3 | BROWN SANDY CLAY | 2.44 | 4.88 |
| 12600197 | 4 | SLOPPY CLAY | 4.88 | 7.62 |
| 12600197 | 5 | DENSE GREY CLAY | 7.62 | 8.84 |
| 12600198 | 1 | BROWN SANDY CLAY | 0 | 1.83 |
| 12600198 | 2 | SAND AND MUCH CLAY | 1.83 | 3.05 |
| 12600198 | 3 | BROWN CLAY | 3.05 | 7.92 |
| 12600198 | 4 | SLOPPY CLAY | 7.92 | 12.19 |
| 12600198 | 5 | DENSE BROWN CLAY | 12.19 | 13.11 |
| 12600199 | 1 | SOIL | 0 | 0.46 |
| 12600199 | 2 | BROWN SANDY CLAY | 0.46 | 2.44 |
| 12600199 | 3 | SAND AND MUCH CLAY | 2.44 | 3.05 |
| 12600199 | 4 | SOFT BROWN CLAY | 3.05 | 12.8 |
| 12600199 | 5 | BROWN CLAY DENSE | 12.8 | 13.41 |
| 12600200 | 1 | SOIL | 0 | 0.46 |
| 12600200 | 2 | BROWN SANDY CLAY | 0.46 | 2.29 |
| 12600200 | 3 | SAND AND CLAY | 2.29 | 3.35 |
| 12600200 | 4 | SOFT BROWN CLAY | 3.35 | 8.53 |
| 12600200 | 5 | SAND AND MUCH CLAY | 8.53 | 11.28 |
| 12600200 | 6 | DENSE BROWN CLAY | 11.28 | 12.19 |
| 12600201 | 1 | SOIL | 0 | 0.46 |
| 12600201 | 2 | BROWN SANDY CLAY | 0.46 | 1.22 |
| 12600201 | 3 | SAND CONT. CLAY | 1.22 | 3.66 |
| 12600201 | 4 | BROWN CLAY | 3.66 | 9.14 |
| 12600201 | 5 | MED SAND AND MUCH CLAY | 9.14 | 11.58 |
| 12600201 | 6 | GREY CLAY | 11.58 | 12.19 |
| 12600202 | 1 | SOIL | 0 | 0.3 |
| 12600202 | 2 | GREY CLAY | 0.3 | 0.91 |
| 12600202 | 3 | BROWN SANDY CLAY | 0.91 | 1.83 |
| 12600202 | 4 | SAND AND MUCH CLAY | 1.83 | 3.96 |
| 12600202 | 5 | BROWN CLAY | 3.96 | 7.62 |
| 12600202 | 6 | SLOPPY SAND AND CLAY | 7.62 | 12.19 |
| 12600202 | 7 | MEDIUM SAND | 12.19 | 13.72 |
| 12600202 | 8 | BROWN CLAY | 13.72 | 14.02 |
| 12600203 | 1 | SOIL | 0 | 0.49 |
| 12600203 | 2 | LIGHT BROWN CLAY | 0.49 | 1.46 |
| 12600203 | 3 | DARK GREY CLAY FEW WTR WORN STONES | 1.46 | 4.57 |
| 12600203 | 4 | DARK GREY CLAY | 4.57 | 7.71 |
| 12600203 | 5 | BROWN SANDY CLAY | 7.71 | 11.22 |
| 12600203 | 6 | GREY SANDY CLAY | 11.22 | 11.92 |
| 12600203 | 7 | GREY SANDY CLAY WATER WORN STONES | 11.92 | 14.11 |
| 12600203 | 8 | BROWN AND GREY SANDY CLAY | 14.11 | 17.71 |
| 12600203 | 9 | BROWN AND GREY CLAY | 17.71 | 21 |
| 12600203 | 10 | FINE SAND AND CLAY | 21 | 23.96 |
| 12600203 | 11 | SAND AND CLAY WATER WORN STONES | 23.96 | 25.63 |
| 12600203 | 12 | BROWN CLAY & WATER WORN STONES | 25.63 | 28.29 |
| 12600203 | 13 | BROWN AND GREY CLAY | 28.29 | 30.66 |
| 12600203 | 14 | BROWN & GREY CLAY GRIT & SMALL STONES | 30.66 | 36.15 |
| 12600203 | 15 | GREY GRITTY CLAY WATER WORN STONES | 36.15 | 38.77 |
| 12600203 | 16 | GREY CLAY | 38.77 | 40.26 |
| 12600203 | 17 | SAND | 40.26 | 41.45 |
| 12600203 | 18 | GRANITE ROCK | 41.45 | 41.54 |
| 12600204 | 1 | SOIL | 0 | 0.46 |
| 12600204 | 2 | CLAY | 0.46 | 0.91 |
| 12600204 | 3 | LIGHT BROWN CLAY | 0.91 | 4.88 |

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|---|---|---|---|---|
| 12600204 | 4 | BROWN SANDY CLAY | 4.88 | 7.92 |
| 12600204 | 5 | SLOPPY SAND AND CLAY | 7.92 | 16.76 |
| 12600353 | 1 | TOP SOIL | 0 | 0.6 |
| 12600353 | 3 | SAND | 0.6 | 3.5 |
| 12600353 | 5 | BLACK SILTY CLAY | 3.5 | 5 |
| 12600353 | 7 | SAND | 5 | 8.9 |
| 12600353 | 9 | SAND GRAVEL & CLAY | 8.9 | 14 |
| 12600353 | 11 | CLAYBOUND WHITE SAND | 14 | 15.2 |
| 12600353 | 13 | SANDY CLAY | 15.2 | 18 |
| 12600353 | 15 | CLAYBOUND SAND | 18 | 21.5 |
| 12600353 | 17 | SILTY CLAY | 21.5 | 23 |
| 12600353 | 902 | 00/00/0000 SWL -4.10 M TMP NUL C | | |
| 12600354 | 1 | SOIL | 0 | 0.35 |
| 12600354 | 3 | SILT | 0.35 | 2.4 |
| 12600354 | 5 | FINE SANDY CLAY | 2.4 | 4.4 |
| 12600354 | 7 | SILTY CLAY | 4.4 | 5.7 |
| 12600354 | 9 | FINE SILTY SAND | 5.7 | 10.5 |
| 12600354 | 11 | SAND & GRAVEL | 10.5 | 23.6 |
| 12600354 | 13 | SAND GRAVEL & CLAY | 23.6 | 24.4 |
| 12600354 | 15 | WEATHERED ROCK | 24.4 | 25 |
| 12600354 | 902 | 00/00/0000 SWL -3.50 M TMP NUL C | | |
| 12600355 | 1 | TOP SOIL | 0 | 0.3 |
| 12600355 | 3 | SANDY CLAY | 0.3 | 6 |
| 12600355 | 5 | WHITE SILTY SAND | 6 | 8.7 |
| 12600355 | 7 | SANDY CLAY | 8.7 | 10.4 |
| 12600355 | 9 | SAND | 10.4 | 11.1 |
| 12600355 | 11 | SILTY CLAY | 11.1 | 17 |
| 12600355 | 13 | SANDY CLAY | 17 | 19.5 |
| 12600355 | 15 | WEATHERED GRANITE | 19.5 | 20 |
| 12600551 | 1 | FINE SAND VERY WELL SORTED SUBANGULAR | 0 | 1 |
| 12600551 | 3 | FINE SANDY LOAM WELL SORTED SUB | 1 | 1.5 |
| 12600551 | 5 | FINE SAND WELL SORTED SUBANGULAR | 1.5 | 2 |
| 12600551 | 7 | VERY COARSE SAND MOD SORTED W GRAN | 2 | 4 |
| 12600551 | 9 | MANGROVE MUD BLACK | 4 | 5.5 |
| 12600551 | 10 | COARSE SAND MOD SORTED SOME GRANULES | 5.5 | 6 |
| 12600551 | 12 | COARSE SAND MOD SORTED SOME GRANULES | 6 | 7 |
| 12600551 | 14 | MEDIUM SAND WELL SORTED SUBANGULAR | 7 | 8 |
| 12600551 | 16 | COARSE SAND MOD SORTED SUBROUNDED | 8 | 10 |
| 12600551 | 18 | COARSE TO MEDIUM SANDY CLAY GREEN | 10 | 11.5 |
| 12600551 | 20 | COARSE SAND WELL SORTED SUBROUNDED | 11.5 | 12 |
| 12600551 | 22 | FINE SANDY MUD MOTTLING GREY BROWN | 12 | 15.5 |
| 12600551 | 23 | CLEAN MEDIUM SAND WELL SORTED SUB | 15.5 | 16 |
| 12600551 | 25 | FINE SANDY CLAY LIGHT BROWN | 16 | 18 |
| 12600551 | 26 | VERY COARSE SAND WELL SORTED SUB | 18 | 19 |
| 12600551 | 28 | FINE SANDY CLAY YELLOW | 19 | 21 |
| 12600551 | 29 | CLAY GREY | 21 | 22 |
| 12600551 | 30 | VERY COARSE SAND MOD SORTED SUB | 22 | 22.8 |
| 12600551 | 32 | FINE TO MEDIUM SANDY CLAY | 22.8 | 23.2 |
| 12600551 | 33 | GRANULES SOME FINE PEBBLES POOR SORT | 23.2 | 23.5 |
| 12600551 | 35 | MEDIUM TO COARSE SANDY MUD | 23.5 | 25.3 |
| 12600551 | 36 | WEATHERED GRANITE | 25.3 | |
| 12600551 | 2 | HIGH SPERICITY YELLOW | | |
| 12600551 | 4 | ANGULAR HIGH SPERICITY BROWN | | |
| 12600551 | 6 | HIGH SPERICITY YELLOW | | |
| 12600551 | 8 | ULES SUBROUNDED LOW SPERICITY BROWN | | |
| 12600551 | 11 | MINOR MANGROVE MUD COMPONENT GREY | | |
| 12600551 | 13 | ANGULAR LOW TO HIGH SPERICITY GREY | | |
| 12600551 | 15 | HIGH SPERICITY GREY | | |
| 12600551 | 17 | HIGH SPERICITY | | |
| 12600551 | 19 | MOTTLED | | |
| 12600551 | 21 | HIGH SPERICITY YELLOW | | |
| 12600551 | 24 | ANGULAR LOW SPERICITY WHITE | | |
| 12600551 | 27 | ROUNDED HIGH SPERICITY GREY | | |
| 12600551 | 31 | ROUNDED HIGH SPERICITY BROWN | | |
| 12600551 | 34 | SUBROUNDED HIGH - LOW SPERICITY BROWN | | |
| 12600552 | 1 | FINE SAND VERY WELL SORTED SUBANGULAR | 0 | 1 |
| 12600552 | 3 | FINE SANDY LOAM WELL SORTED SUB | 1 | 1.5 |
| 12600552 | 5 | FINE SAND WELL SORTED SUBANGULAR | 1.5 | 2 |
| 12600552 | 7 | VERY COARSE SAND MOD SORTED W GRAN | 2 | 4 |
| 12600552 | 9 | MANGROVE MUD BLACK | 4 | 5.5 |
| 12600552 | 10 | COARSE SAND MOD SORTED SOME GRANULES | 5.5 | 6 |
| 12600552 | 12 | COARSE SAND MOD SORTED SOME GRANULES | 6 | 7 |
| 12600552 | 14 | MEDIUM SAND WELL SORTED SUBANGULAR | 7 | 8 |
| 12600552 | 16 | COARSE SAND MOD SORTED SUBROUNDED | 8 | 10 |
| 12600552 | 18 | COARSE TO MEDIUM SANDY CLAY GREEN | 10 | |
| 12600552 | 2 | HIGH SPERICITY YELLOW | | |
| 12600552 | 4 | ANGULAR HIGH SPERICITY BROWN | | |
| 12600552 | 6 | HIGH SPERICITY YELLOW | | |
| 12600552 | 8 | ULES SUBROUNDED LOW SPERICITY BROWN | | |
| 12600552 | 11 | MINOR MANGROVE MUD COMPONENT GREY | | |
| 12600552 | 13 | ANGULAR LOW TO HIGH SPERICITY GREY | | |
| 12600552 | 15 | HIGH SPERICITY GREY | | |
| 12600552 | 17 | HIGH SPERICITY | | |
| 12600552 | 19 | MOTTLED | | |
| 12600553 | 1 | FINE SAND WELL SORTED SUBANGULAR HIGH | 0 | 1.5 |
| 12600553 | 3 | FINE SAND VERY WELL SORTED SUBANGULAR | 1.5 | 2.5 |
| 12600553 | 5 | MEDIUM SAND WELL SORTED LIGHT BROWN | 2.5 | 2.8 |
| 12600553 | 6 | COARSE TO VERY COARSE SAND WELL SORT | 2.8 | 3.8 |
| 12600553 | 8 | VERY COARSE SAND WELL SORTED | 3.8 | 4.6 |
| 12600553 | 9 | MANGROVE MUD BLACK | 4.6 | 6.3 |
| 12600553 | 10 | COARSE SAND WELL SORTED SUBROUNDED | 6.3 | 6.8 |
| 12600553 | 13 | COARSE SAND WELL SORTED SUBROUNDED | 6.8 | 9.5 |
| 12600553 | 15 | COARSE SAND WITH MED PEBBLES POORLY | 9.5 | 10 |
| 12600553 | 18 | COARSE SANDY CLAY HIGH CLAY CONTENT | 10 | 10.8 |
| 12600553 | 20 | MEDIUM TO COARSE SANDY CLAY HIGH SAND | 10.8 | 11.7 |
| 12600553 | 23 | MEDIUM SANDY CLAY HIGH SAND CONTENT | 11.7 | 13.8 |
| 12600553 | 25 | MEDIUM TO COARSE SANDY CLAY WELL SORT | 13.8 | 14.5 |
| 12600553 | 28 | MEDIUM COARSE SANDY CLAY HIGH COARSE | 14.5 | 14.8 |

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|---|---|---|---|---|
| 12600553 | 30 | MEDIUM COARSE SANDY CLAY MORE SAND | 14.8 | 16.8 |
| 12600553 | 32 | MEDIUM SANDY CLAY MORE SAND THEN CLAY | 16.8 | 17.5 |
| 12600553 | 34 | SANDY CLAY MORE CLAY THEN SAND MINOR | 17.5 | 18.5 |
| 12600553 | 36 | SILTY CLAY MORE CLAY THEN SILT MOTTLE | 18.5 | 21.5 |
| 12600553 | 37 | MEDIUM SAND WITH MINOR FINE PEBBLES | 21.5 | 22.5 |
| 12600553 | 35 | VERY COARSE SAND FRACTION | | |
| 12600553 | 38 | MOD SORTED SUBANGULAR HIGH SPERICITY | | |
| 12600553 | 2 | SPERICITY LIGHT BROWN | | |
| 12600553 | 4 | LOW TO HIGH SPERICITY PINK | | |
| 12600553 | 7 | ANGULAR LOW SPERICITY BROWN | | |
| 12600553 | 11 | HIGH SPERICITY MINOR MANGROVE MUD | | |
| 12600553 | 12 | COMPONENT GREY | | |
| 12600553 | 14 | HIGH SPERICITY GREY | | |
| 12600553 | 16 | SORTED PEBBLES ANGLUAR LOW SPERICITY | | |
| 12600553 | 17 | SAND SUBROUNDED HIGH SPERICTY GREY | | |
| 12600553 | 19 | SOME PEBBLES GREEN MOTTLING | | |
| 12600553 | 21 | CONTENT SAND FRACTION WELL SORTED | | |
| 12600553 | 22 | ORANGE | | |
| 12600553 | 24 | SAND FRACTION VERY WELL SORTED GREY | | |
| 12600553 | 26 | HIGH COARSE FRACTION CLAY INCREASING | | |
| 12600553 | 27 | CARBONATE 10% BROWN | | |
| 12600553 | 29 | FRACTION MORE SAND THEN CLAY CARB 2% | | |
| 12600553 | 31 | THEN CLAY MOTTLING | | |
| 12600553 | 33 | CARBONATE 5% MOTTLING | | |
| 12600554 | 1 | FINE SAND WELL SORTED SUBANGULAR HIGH | 0 | 1.5 |
| 12600554 | 3 | FINE SAND VERY WELL SORTED SUBANGULAR | 1.5 | 2.5 |
| 12600554 | 5 | MEDIUM SAND WELL SORTED LIGHT BROWN | 2.5 | 2.8 |
| 12600554 | 6 | COARSE TO VERY COARSE SAND WELL SORT | 2.8 | 3.8 |
| 12600554 | 8 | VERY COARSE SAND WELL SORTED | 3.8 | 4.6 |
| 12600554 | 9 | MANGROVE MUD BLACK | 4.6 | 6.3 |
| 12600554 | 10 | COARSE SAND WELL SORTED SUBROUNDED | 6.3 | 6.8 |
| 12600554 | 13 | COARSE SAND WELL SORTED SUBROUNDED | 6.8 | 9.5 |
| 12600554 | 15 | COARSE SAND WITH MED PEBBLES POORLY | 9.5 | 10 |
| 12600554 | 2 | SPHERICITY LIGHT BROWN | | |
| 12600554 | 4 | LOW TO HIGH SPHERICITY PINK | | |
| 12600554 | 7 | ANGULAR LOW SPHERICITY BROWN | | |
| 12600554 | 11 | HIGH SPHERICITY MINOR MANGROVE MUD | | |
| 12600554 | 12 | COMPONENT GREY | | |
| 12600554 | 14 | HIGH SPHERICITY GREY | | |
| 12600554 | 16 | SORTED PEBBLES ANGULAR LOW SPHERICITY | | |
| 12600554 | 17 | SAND SUBROUNDED HIGH SPHERICITY GREY | | |
| 12600555 | 1 | MEDIUM LOAMY SAND SUBANGULAR WELL | 0 | 1.2 |
| 12600555 | 3 | MEDIUM TO COARSE SAND WELL SORTED | 1.2 | 2 |
| 12600555 | 5 | MEDIUM TO COARSE SAND MOD WELL SORT | 2 | 3.8 |
| 12600555 | 7 | MANGROVE MUD BLACK | 3.8 | 6 |
| 12600555 | 8 | GRANULES TO FINE PEBBLES WELL SORTED | 6 | 7.8 |
| 12600555 | 10 | MEDIUM UNIMODAL SANDY CLAY HIGH SAND | 7.8 | 9.8 |
| 12600555 | 12 | MEDIUM SANDY CLAY HIGH CLAY CONTENT | 9.8 | 11.5 |
| 12600555 | 14 | MEDIUM SANDY CLAY MOTTLED CARBONATE | 11.5 | 13.4 |
| 12600555 | 16 | MEDIUM SANDY CLAY HIGH CLAY CONTENT | 13.4 | 14 |
| 12600555 | 18 | MEDIUM SANDY CLAY VERY POORLY SORTED | 14 | 15 |
| 12600555 | 20 | MEDIUM TO PEBBLE SANDY CLAY POORLY | 15 | 18 |
| 12600555 | 23 | MEDIUM SANDY CLAY MOTTLED | 18 | 21.5 |
| 12600555 | 24 | FINE SANDY CLAY WEATHERED LIMESTONE? | 21.5 | 22.5 |
| 12600555 | 25 | WEATHERED GRANITE | 22.5 | |
| 12600555 | 2 | SORTED LOW TO HIGH SPHERICITY BROWN | | |
| 12600555 | 4 | SUBANGULAR HIGH SPHERICITY BROWN | | |
| 12600555 | 6 | SUBROUNDED HIGH SPHERICITY BROWN | | |
| 12600555 | 9 | SUBROUNDED HIGH SPHERICITY GREY | | |
| 12600555 | 11 | CONTENT | | |
| 12600555 | 13 | WELL SORTED FINING UPWARDS MOTTLED | | |
| 12600555 | 15 | 5% | | |
| 12600555 | 17 | MOTTLED | | |
| 12600555 | 19 | WITH GRAVEL 10% MOTTLED CARBONATE 5% | | |
| 12600555 | 21 | SORT HIGH SAND CONTENT FINING UPWARDS | | |
| 12600555 | 22 | LESS MOTTLING CARBONATE 7% | | |
| 12600556 | 1 | MEDIUM LOAMY SAND SUBANGULAR WELL | 0 | 1.2 |
| 12600556 | 3 | MEDIUM TO COARSE SAND WELL SORTED | 1.2 | 2 |
| 12600556 | 5 | MEDIUM TO COARSE SAND MOD WELL SORT | 2 | 3.8 |
| 12600556 | 7 | MANGROVE MUD BLACK | 3.8 | 6 |
| 12600556 | 8 | GRANULES TO FINE PEBBLES WELL SORTED | 6 | 7.8 |
| 12600556 | 10 | MEDIUM UNIMODAL SANDY CLAY HIGH SAND | 7.8 | 9.8 |
| 12600556 | 2 | SORTED LOW TO HIGH SHERICITY BROWN | | |
| 12600556 | 4 | SUBANGULAR HIGH SPHERICITY BRWON | | |
| 12600556 | 6 | SUNROUNDED HIGH SPHERICITY BROWN | | |
| 12600556 | 9 | SUBROUNDED HIGH SPHERICITY GREY | | |
| 12600556 | 11 | CONTENT | | |
| 12600595 | 1 | GREY CLAYEY SAND SOIL | 0 | 1 |
| 12600595 | 2 | GREY BROWN CLAYEY VF-M SAND, QUARTZOFELDSPATHIC, FE STAINING | 1 | 4 |
| 12600595 | 3 | GREY BROWN CLAYEY VF-M SAND, QUARTZOFELDSPATHICQ | 4 | 6 |
| 12600595 | 4 | GREY BROWN CLAYEY VF-M SAND, QUARTZOFELDSPATHIC, FE STAINING | 6 | 7 |
| 12600595 | 5 | BROWN CLAYEY VF-VC SAND, QUARTZOFELDSPATHIC | 7 | 8 |
| 12600595 | 6 | BROWN CLAYEY, VF-VC SAND & GRAVEL, QUARTZOFELDSPATHIC | 8 | 10 |
| 12600595 | 7 | GREY BROWN CLAYEY VF-F SAND, QUARTZOFELDSPATHIC | 10 | 12 |
| 12600595 | 8 | GREY BROWN CLAYEY VF-C SAND, QUARTZOFELDSPATHIC, FE STAINING | 12 | 13 |
| 12600595 | 9 | GREY CLAYEY VF-VC SAND, QUARTZOFELDSPATHIC, FE STAINING | 13 | 15 |
| 12600595 | 10 | GREY CLAYEY VF-VC SAND & GRAVEL, QUARTZOFELDSPATHIC, PEBBLES, FE STAINING | 15 | 16 |
| 12600595 | 11 | GREY CLAYEY VF SAND, BLACK MINERAL SAND BANDS | 16 | 19 |
| 12600595 | 12 | GREY BROWN CLAYEY VF-VC SAND & GRAVEL, GRANITIC CLASTS | 19 | 21 |
| 12600595 | 13 | LIGHT GREY BROWN CLAYEY VF SAND, FE STAINING | 21 | 24 |
| 12600595 | 14 | LIGHT GREY BROWN CLAYEY VF-M SAND, FE STAINING | 24 | 27 |
| 12600595 | 15 | LIGHT GREY BROWN CLAYEY VF-C SAND, MINOR GRAVEL, FE STAINING | 27 | 29 |
| 12600596 | 1 | GREY CLAYEY SAND SOIL | 0 | 1 |
| 12600596 | 2 | GREY BROWN CLAYEY VF-M SAND, QUARTZOFELDSPATHIC, FE STAINING | 1 | 4 |
| 12600596 | 3 | GREY BROWN CLAYEY VF-M SAND, QUARTZOFELDSPATHIC | 4 | 6 |
| 12600596 | 4 | GREY BROWN CLAYEY VF-M SAND, QUARTZOFELDSPATHIC, FE STAINING | 6 | 7 |
| 12600596 | 5 | BROWN CLAYEY VF-VC SAND, QUARTZOFELDSPATHIC | 7 | 8 |
| 12600596 | 6 | BROWN CLAYEY VF-VC SAND & GRAVEL, QUARTZOFELDSPATHIC | 8 | 10 |

| RN | REC | DESCR | TOP | BOTTOM |
|---|---|---|---|---|
| 12600596 | 7 | GREY BROWN CLAYEY VF-F SAND, QUARTZOFELDSPATHIC | 10 | 12 |
| 12600596 | 8 | GREY BROWN CLAYEY VF-C SAND, QUARTZOFELDSPATHIC | 12 | 13 |
| 12600596 | 9 | GREY CLAYEY VF-VC SAND, QUARTZOFELDSPATHIC, FE STAINING | 13 | 15 |
| 12600596 | 10 | GREY CLAYEY VF-VC SAND & GRAVEL, QUARTZOFELDSPATHIC, PEBBLES, FE STAINING | 15 | 16 |
| 12600596 | 11 | GREY BROWN CLAY, FE MOTTLING | 16 | 16.5 |
| 12600597 | 1 | GREY CLAYEY SAND SOIL | 0 | 1 |
| 12600597 | 2 | GREY BROWN CLAYEY VF-M SAND, QUARTZOFELDSPATHIC, FE STAINING | 1 | 4 |
| 12600597 | 3 | GREY BROWN CLAYEY VF-M SAND, QUARTZOFELDSPATHIC | 4 | 6 |
| 12600597 | 4 | GREY BROWN CLAYEY VF-M SAND, QUARTZOFELDSPATHIC, FE STAINING | 6 | 7 |
| 12600597 | 5 | BROWN CLAYEY VF-VC SAND, QUARTZOFELDSPATHIC | 7 | 8 |
| 12600597 | 6 | BROWN CLAYEY VF-VC SAND & GRAVEL, QUARTZOFELDSPATHIC | 8 | 10 |
| 12600597 | 7 | GREY BROWN CLAYEY VF-F SAND, QUARTZOFELDSPATHIC | 10 | 10.25 |

| RN | REC | DATA_OWNER | FORM_DESC | TOP | BOTTOM |
|---|---|---|---|---|---|
| 20595 | 1 | DNR | ALLUVIUM | | |
| 20595 | 2 | DNR | ALLUVIUM | | |
| 30946 | 1 | DNR | BAKERS CREEK ALLUVIUM | | |
| 34508 | 1 | DNR | PIONEER RIVER ALLUVIUM | | |
| 37519 | 1 | DNR | BAKERS CREEK ALLUVIUM | | |
| 46017 | 1 | DNR | PIONEER RIVER ALLUVIUM | | |
| 46134 | 1 | DNR | PIONEER RIVER ALLUVIUM | | |
| 46411 | 1 | DNR | BAKERS CREEK ALLUVIUM | 0 | 12.5 |
| 46425 | 1 | DNR | PIONEER RIVER ALLUVIUM | | |
| 46451 | 1 | DNR | ALLUVIUM | | |
| 46628 | 1 | DNR | ALLUVIUM ALUV | 0 | 19.2 |
| 63000 | 1 | DNR | BAKERS CREEK ALLUVIUM | | |
| 81031 | 1 | DNR | PIONEER RIVER ALLUVIUM | 0 | 9.9 |
| 85030 | 1 | DNR | PIONEER RIVER ALLUVIUM | 0 | 12.8 |
| 12500143 | 1 | DNR | ALLUVIUM | | |
| 12500143 | 2 | DNR | ALLUVIUM | | |
| 12500148 | 1 | DNR | ALLUVIUM | | |
| 12500152 | 1 | DNR | ALLUVIUM | | |
| 12500153 | 1 | DNR | ALLUVIUM | | |
| 12500153 | 2 | DNR | ALLUVIUM | | |
| 12500154 | 1 | DNR | ALLUVIUM | | |
| 12500155 | 1 | DNR | ALLUVIUM | | |
| 12500156 | 1 | DNR | ALLUVIUM | | |
| 12500156 | 2 | DNR | ALLUVIUM | | |
| 12500157 | 1 | DNR | ALLUVIUM | | |
| 12500158 | 1 | DNR | ALLUVIUM | | |
| 12500159 | 1 | DNR | ALLUVIUM | | |
| 12500160 | 1 | DNR | ALLUVIUM | | |
| 12500160 | 2 | DNR | ALLUVIUM | | |
| 12500161 | 1 | DNR | ALLUVIUM | | |
| 12500275 | 1 | DNR | QUATERNARY - UNDEFINED | 0 | 23 |
| 12500275 | 2 | DNR | UNDIFFERENTIATED | 23 | 32.8 |
| 12500276 | 1 | DNR | QUATERNARY - UNDEFINED | 0 | 16 |
| 12500277 | 1 | DNR | QUATERNARY - UNDEFINED | 0 | 10.25 |
| 12600077 | 1 | DNR | BAKERS CREEK ALLUVIUM | 0 | 16.5 |
| 12600078 | 1 | DNR | ALLUVIUM | 0 | 26.2 |
| 12600078 | 2 | DNR | ALLUVIUM | | |
| 12600079 | 1 | DNR | ALLUVIUM | 0 | 21 |
| 12600079 | 2 | DNR | ALLUVIUM | | |
| 12600080 | 1 | DNR | ALLUVIUM | 0 | 15.7 |
| 12600080 | 2 | DNR | ALLUVIUM | | |
| 12600081 | 1 | DNR | ALLUVIUM | 0 | 11.4 |
| 12600082 | 1 | DNR | ALLUVIUM | 0 | 25.1 |
| 12600082 | 2 | DNR | ALLUVIUM | | |
| 12600083 | 1 | DNR | ALLUVIUM | 0 | 16.1 |
| 12600083 | 2 | DNR | ALLUVIUM | | |
| 12600084 | 1 | DNR | ALLUVIUM | 0 | 11.9 |
| 12600196 | 1 | DNR | ALLUVIUM | | |
| 12600197 | 1 | DNR | ALLUVIUM | | |
| 12600197 | 2 | DNR | ALLUVIUM | | |
| 12600198 | 1 | DNR | ALLUVIUM | | |
| 12600199 | 1 | DNR | ALLUVIUM | | |
| 12600200 | 1 | DNR | ALLUVIUM | | |
| 12600200 | 2 | DNR | ALLUVIUM | | |
| 12600201 | 1 | DNR | ALLUVIUM | | |
| 12600201 | 2 | DNR | ALLUVIUM | | |
| 12600202 | 1 | DNR | ALLUVIUM | | |
| 12600203 | 1 | DNR | ALLUVIUM | | |
| 12600203 | 2 | DNR | ALLUVIUM | | |
| 12600204 | 1 | DNR | ALLUVIUM | | |
| 12600353 | 1 | DNR | ALLUVIUM | | |
| 12600354 | 1 | DNR | ALLUVIUM | | |
| 12600355 | 1 | DNR | ALLUVIUM | | |
| 12600355 | 2 | DNR | ALLUVIUM | | |
| 12600551 | 1 | DNR | PIONEER RIVER ALLUVIUM | 0 | 25.3 |
| 12600552 | 1 | DNR | PIONEER RIVER ALLUVIUM | 0 | |
| 12600553 | 1 | DNR | PIONEER RIVER ALLUVIUM | 0 | |
| 12600554 | 1 | DNR | PIONEER RIVER ALLUVIUM | 0 | |
| 12600555 | 1 | DNR | PIONEER RIVER ALLUVIUM | 0 | 22.5 |
| 12600556 | 1 | DME | PIONEER RIVER ALLUVIUM | 0 | |
| 12600595 | 1 | DNR | QUATERNARY - UNDEFINED | 0 | 29 |
| 12600596 | 1 | DNR | QUATERNARY - UNDEFINED | 0 | 16.5 |
| 12600597 | 1 | DNR | QUATERNARY - UNDEFINED | 0 | 10.25 |

| RN | PIPE | RDATE | REC | ANALYST | ANALYSIS NO | SAMP METHOD | SOURCE | PRESMETH1 | COLLSAMP | PROJECT1 | DEPTH | CONDUCT | PH | COLOUR | TURB | SIO2 | HARD | ALK | FIG_MERIT | NA_ADS RATIO | RES ALK | TOTAL_IONS | TOTAL_SOLIDS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30946 | A | 24/11/1970 | 1 | GCL | 47446 | PU | GB | | | | 16 | 2350 | 7.8 | | | | 206 | 152 | 0.3 | 11.3 | | 1231.35 | 1137.31 |
| 30946 | A | 23/11/1970 | 1 | GCL | 47445 | PU | GB | | | | 16 | 2350 | 7.5 | | | | 181 | 185 | 0.2 | 12.1 | 0.1 | 1251.3 | 1136.42 |
| 30946 | A | 29/08/1972 | 5 | GCL | 53759 | PU | GB | | | | | 2100 | 7 | | | | 213 | 155 | 0.2 | 11.7 | | 1299.15 | 1203.08 |
| 30946 | A | 15/01/1969 | 1 | GCL | 41451 | PU | GB | | | | 6 | 2000 | 7 | | | | 194 | 180 | 0.2 | 11.6 | | 1226.05 | 1114.22 |
| 30946 | A | 15/01/1969 | 2 | GCL | 41452 | PU | GB | | | | 6 | 2360 | 7.5 | | | | 368 | 260 | 0.4 | 8.9 | | 1513.35 | 1352.22 |
| 30946 | A | 24/04/1995 | 1 | GCL | 174620 | AI | GB | NL | DG | GWAN | 15 | 2231 | 6.8 | 0 | 0.1 | 73 | 289 | 165 | 0.4 | 8.6 | 0 | 1271.7 | 1242.39 |
| 34508 | A | 23/10/1984 | 1 | BSI | | PU | GB | | | | 19 | 1104 | | | | | 149 | 180 | 0.3 | 8.7 | 0.63 | 876.3 | 0 |
| 34508 | A | 12/04/1985 | 1 | BSI | | PU | GB | | | | 19 | 994 | | | | | 157 | 180 | 0.3 | 7.5 | 0.47 | 829.5 | 0 |
| 37519 | A | 3/11/1997 | 1 | GCL | 187319 | PU | GB | NL | PR | PR | 8.8 | 1370 | 7.5 | 0 | 0.4 | 62 | 189 | 176 | 0.4 | 6.5 | 0 | 829.5 | 783.12 |
| 46017 | A | 1/12/1982 | 2 | BSI | 120750 | PU | GB | | | | 19 | 2208 | | | | | 104 | 236 | 0.1 | 20 | 2.64 | 1378.6 | 1232.26 |
| 46017 | A | 21/09/1977 | 1 | BSI | 122363 | PU | GB | | | | 18 | 2095 | 6.9 | | | | 64 | 252 | | 22.6 | 3.76 | 1294.2 | 1137.95 |
| 46017 | A | 24/04/1995 | 1 | GCL | 174622 | AI | GB | NL | DG | GWAN | 17 | 2856 | 7.4 | 0 | 0 | 72 | 181 | 228 | 0.2 | 17.2 | 0.94 | 1724.26 | 1655.48 |
| 46017 | A | 12/09/1995 | 1 | GCL | 174594 | PU | GB | NL | DG | GWAN | 16.2 | 3556 | 7.6 | 0 | 1.1 | 69 | 262 | 251 | 0.2 | 18 | 0 | 2149.73 | 2064.22 |
| 46134 | A | 14/02/1975 | 1 | DPI | 1 | PU | GB | | | | 7 | 1260 | | | | | 248 | 246 | 0.6 | 5 | | 829.4 | 676.76 |
| 46134 | A | 4/04/1979 | 1 | BSM | B2142 | | GB | | | | | 1711 | 6.6 | | | | | 252 | | | 5.04 | 950.3 | 794 |
| 46411 | A | 5/10/1981 | 1 | BSI | | PU | GB | | | | 14 | 1104 | | | | | 168 | 184 | 0.4 | 6.6 | 0.32 | 760.7 | 646.59 |
| 46411 | A | 26/01/1978 | 1 | BSI | 122375 | PU | GB | | | | 12 | 585 | 7 | | | | 132 | 128 | 0.9 | 2.5 | | 357.4 | 278 |
| 46411 | A | 24/04/1995 | 1 | GCL | 174643 | AI | GB | NL | DG | GWAN | 10 | 824 | 7.4 | 0 | 0.1 | 50 | 179 | 145 | 0.9 | 3.2 | 0 | 531.09 | 491.8 |
| 46411 | A | 9/10/1995 | 1 | GCL | 174706 | PU | GB | NL | DG | GWAN | 10 | 714 | 6.9 | 10 | 0.2 | 49 | 167 | 136 | 0.9 | 2.9 | 0 | 472.16 | 437.18 |
| 63000 | A | 14/11/1985 | 1 | GCL | 112474 | PU | GB | | | | 11 | 890 | 7.9 | | | 56 | 224 | 129 | 1.2 | 2.5 | | 561.11 | 538.32 |
| 63000 | A | 15/11/1985 | 1 | GCL | 112357 | PU | GB | | | | 11 | 1000 | 7.8 | | | 54 | 258 | 137 | 1.2 | 2.7 | | 636 | 606.13 |
| 63000 | A | 24/04/1995 | 1 | GCL | 174619 | AI | GB | NL | DG | GWAN | 10 | 1351 | 6.8 | 0 | 1.4 | 52 | 360 | 177 | 1.2 | 3.1 | 0 | 866.91 | 809.64 |
| 12500275 | A | 7/02/2012 | 1 | GCL | 302586 | AI | GB | NL | DG | GWAN | 32 | 695 | 8.3 | 3 | 1 | 53 | 40 | 289 | 0.1 | 10 | 5 | 565 | 444 |
| 12500276 | A | 7/02/2012 | 1 | GCL | 302587 | AI | GB | NL | DG | GWAN | 14 | 844 | 7.4 | 2 | 24 | 54 | 196 | 226 | 0.9 | 3.2 | 0.6 | 589 | 503 |
| 12500277 | A | 7/02/2012 | 1 | GCL | 302588 | AI | GB | NL | DG | GWAN | 9 | 933 | 7.6 | 2 | 9 | 55 | 234 | 234 | 1 | 3 | 0 | 635 | 546 |
| 12600077 | A | 1/01/2100 | 1 | GCL | 84353 | | GB | | | | | 8700 | 6.6 | | | 33 | 409 | 375 | 0.1 | 35.9 | | 5282.2 | 5082.91 |
| 12600077 | A | 20/02/1978 | 1 | GCL | 76118 | | GB | | | | | 3700 | 7.2 | | | 49 | 71 | 360 | | 35.4 | 5.77 | 2149.8 | 1976.16 |
| 12600077 | A | 22/08/1978 | 1 | GCL | 78289 | | GB | | | | | 14300 | 8.1 | | | 37 | 1066 | 550 | 0.2 | 42 | | 9456.6 | 9152.53 |
| 12600077 | A | 20/09/1978 | 1 | GCL | 76911 | | GB | | | | | 15000 | 7.4 | | | 5 | 966 | 560 | 0.1 | 44.9 | | 9835.5 | 9493.33 |
| 12600077 | A | 25/10/1978 | 1 | GCL | 79402 | | GB | | | | | 14500 | 8.1 | | | 40 | 788 | 630 | 0.1 | 43.7 | | 8803.1 | 8452.73 |
| 12600077 | A | 22/02/1979 | 1 | GCL | 80556 | | GB | | | | | 12500 | 7.6 | | | 29 | 701 | 596 | 0.1 | 41.4 | | 7737.2 | 7396.67 |
| 12600077 | A | 20/03/1980 | 1 | GCL | 85858 | | GB | | | | | 13000 | 7.2 | | | 41 | 849 | 670 | 0.1 | 44.6 | | 8993.7 | 8619.42 |
| 12600077 | A | 9/10/1980 | 1 | GCL | 87418 | AI | GB | | | | | 15300 | 7.6 | | | 45 | 916 | 596 | 0.1 | 47 | | 9849.4 | 9524.87 |
| 12600077 | A | 19/03/1981 | 1 | GCL | 90054 | AI | GB | | | | 21 | 3600 | 6.7 | | | 11 | 196 | 18 | 0.2 | 18.2 | | 2059.1 | 2058.92 |
| 12600077 | A | 9/12/1981 | 1 | GCL | 92302 | AI | GB | | | | | 9310 | 7.5 | | | 52 | 442 | 490 | 0.1 | 41 | 0.96 | 5957.5 | 5706.04 |
| 12600077 | A | 21/04/1982 | 1 | GCL | 93720 | | GB | | | | 17 | 9900 | 7.2 | | | 54 | 450 | 650 | 0.1 | 40 | 4 | 6226.8 | 5879.24 |
| 12600077 | A | 23/03/1983 | 1 | GCL | 101309 | PU | GB | | | | | 8300 | 6.8 | | | 39 | 356 | 374 | 0.1 | 34.6 | 0.35 | 4463.35 | 4271.07 |
| 12600077 | A | 1/08/1976 | 1 | GCL | 69590 | | GB | | | | | 2750 | 8.1 | | | | 70 | 392 | | 28.8 | 6.42 | 1744.2 | 1506.32 |
| 12600077 | A | 1/09/1976 | 1 | GCL | 70224 | | GB | | | | | 2850 | 8.2 | | | | 36 | 390 | | 40.1 | 7.09 | 1746.9 | 1511.05 |
| 12600077 | A | 1/11/1976 | 1 | GCL | 70450 | | GB | | | | | 2350 | 8 | | | | 44 | 378 | | 29.6 | 6.68 | 1597.7 | 1363.37 |
| 12600077 | A | 25/08/1992 | 1 | GCL | 140245 | AI | GB | | | | | 15436 | 8.6 | | | 55 | 781 | 619 | 0.1 | 51.7 | 0 | 9780.33 | 9488.63 |
| 12600077 | A | 25/08/1993 | 1 | GCL | 153588 | AI | GB | | | | 16 | 16300 | 8.3 | | | 49 | 940 | 677 | 0.1 | 52.8 | 0 | 11198.23 | 10848.82 |
| 12600077 | A | 9/01/1995 | 1 | GCL | 170129 | AI | GB | NL | DG | GWAN | 16.5 | 14593 | 8.5 | 5 | 178 | 45 | 708 | 705 | 0.1 | 51.7 | 0 | 9329.46 | 8972.5 |
| 12600077 | A | 18/06/1996 | 1 | GCL | 180775 | PU | GB | NL | DG | GWAN | 16.5 | 10750 | 8.2 | 15 | 2.4 | 40 | 527 | 566 | 0.1 | 44.4 | 0.78 | 6968.11 | 6669.39 |
| 12600077 | A | 11/09/1996 | 1 | GCL | 180798 | PU | GB | EA | DG | GWAN | 16.5 | 12930 | 7.9 | 6 | 24 | 48 | 689 | 684 | 0.1 | 48.6 | 0 | 8725.42 | 8358.82 |
| 12600077 | A | 9/09/1999 | 1 | GCL | 196750 | PU | GB | NL | DG | GWAN | 15.9 | 3070 | 7.9 | 31 | 51.9 | 29 | 329 | 231 | 0.3 | 13.1 | 0 | 1904.59 | 1792.08 |
| 12600078 | A | 10/02/1968 | 1 | GCL | 39175 | | GB | | | | 24 | 1430 | 6.8 | | | | 95 | 200 | 0.2 | 11.9 | 2.1 | 879.5 | 0 |
| 12600079 | A | 20/02/1968 | 1 | GCL | 39178 | | GB | | | | 7 | 1970 | 7.4 | | | | 106 | 254 | 0.1 | 17.2 | 2.97 | 1276.9 | 0 |
| 12600080 | A | 22/02/1968 | 1 | GCL | 39181 | | GB | | | | 8 | 1360 | 6.8 | | | | 70 | 176 | 0.1 | 14 | 2.13 | 850.7 | 0 |
| 12600082 | A | 21/04/1967 | 1 | GCL | 37214 | AI | GB | | | | 19 | 940 | 7.7 | | | | 154 | 204 | 0.5 | 4.9 | 1.01 | 621.05 | 494.48 |
| 12600082 | A | 1/01/1976 | 1 | GCL | 66975 | | GB | | | | | 1230 | 7.9 | | | | 134 | 318 | 0.3 | 8.3 | 3.68 | 878 | 680.78 |
| 12600082 | A | 1/09/1976 | 1 | GCL | 70223 | | GB | | | | | 1100 | 8.4 | | | | 54 | 225 | 0.1 | 11 | 3.42 | 678 | 542.79 |
| 12600082 | A | 1/11/1976 | 1 | GCL | 70449 | | GB | | | | | 1000 | 7.8 | | | | 54 | 228 | 0.1 | 10.9 | 3.47 | 656.7 | 516.92 |
| 12600082 | A | 25/08/1993 | 1 | GCL | 153596 | AI | GB | | | | 25 | 1356 | 8.4 | | | 49 | 313 | 254 | 0.8 | 4.2 | 0 | 883.21 | 780.1 |
| 12600082 | A | 25/06/1996 | 1 | GCL | 180773 | PU | GB | NL | DG | GWAN | 18 | 1320 | 8.3 | 1 | 2 | 47 | 305 | 261 | 0.9 | 3.9 | 0 | 852.56 | 741.79 |
| 12600082 | A | 9/09/1999 | 1 | GCL | 196749 | PU | GB | NL | DG | GWAN | 24.6 | 1236 | 7.8 | 0 | 5 | 49 | 316 | 256 | 1 | 3.6 | 0 | 817.87 | 709.75 |
| 12600083 | A | 29/02/1968 | 1 | GCL | 39182 | | GB | | | | 2 | 1280 | 6.8 | | | | 49 | 68 | 0.1 | 15.8 | 0.39 | 733.5 | 0 |
| 12600083 | A | 20/02/1978 | 1 | GCL | 76119 | | GB | | | | | 900 | 7.6 | | | 50 | 48 | 225 | 0.1 | 10.7 | 3.54 | 626.2 | 537.43 |
| 12600083 | A | 22/08/1978 | 1 | GCL | 78290 | | GB | | | | | 930 | 8.4 | | | 41 | 50 | 210 | 0.1 | 10.6 | 3.21 | 609 | 523.94 |
| 12600083 | A | 11/10/1978 | 1 | GCL | 76912 | | GB | | | | | 810 | 7.9 | | | 52 | 44 | 200 | 0.1 | 10.6 | 3.12 | 593.4 | 522.39 |
| 12600083 | A | 26/10/1978 | 1 | GCL | 79403 | | GB | | | | | 890 | 8.1 | | | 39 | 44 | 220 | 0.1 | 11.1 | 3.51 | 617.9 | 522.71 |
| 12600083 | A | 22/02/1979 | 1 | GCL | 80557 | | GB | | | | | 720 | 7.7 | | | 34 | 44 | 190 | 0.1 | 9.8 | 2.92 | 532.9 | 449.99 |
| 12600083 | A | 27/09/1979 | 1 | GCL | 84204 | | GB | | | | | 755 | 8.3 | | | 58 | 39 | 204 | 0.1 | 10.1 | 3.29 | 523.5 | 458.49 |
| 12600083 | A | 20/03/1980 | 1 | GCL | 85494 | | GB | | | | | 790 | 8 | | | 56 | 44 | 215 | 0.1 | 10.1 | 3.41 | 573.8 | 498.15 |
| 12600083 | A | 10/10/1980 | 1 | GCL | 87384 | AI | GB | | | | | 805 | 7.9 | | | 55 | 39 | 208 | 0.1 | 10.7 | 3.38 | 560.5 | 487.92 |

| RN | PIPE | RDATE | REC | ANALYST | ANALYSIS NO | SAMP METHOD | SOURCE | PRESMETH1 | COLLSAMP | PROJECT1 | DEPTH | CONDUCT | PH | COLOUR | TURB | SIO2 | HARD | ALK | FIG_MERIT | NA_ADS RATIO | RES ALK | TOTAL_IONS | TOTAL_SOLIDS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600083 | A | 19/03/1981 | 1 | GCL | 90018 | AI | GB | | | | 16 | 830 | 7.7 | | | 57 | 39 | 191 | 0.1 | 10.5 | 3.05 | 552.8 | 491.87 |
| 12600083 | A | 9/12/1981 | 1 | GCL | 92254 | AI | GB | | | | | 920 | 8 | | | 57 | 51 | 212 | 0.1 | 10.5 | 3.21 | 615.4 | 542.79 |
| 12600083 | A | 21/04/1982 | 1 | GCL | 93684 | | GB | | | | 16 | 940 | 8.6 | | | 55 | 70 | 232 | 0.2 | 8.9 | 3.24 | 649.5 | 567.26 |
| 12600083 | A | 23/03/1983 | 1 | GCL | 101259 | PU | GB | | | | | 920 | 8.7 | | | 51 | 49 | 205 | 0.1 | 11.2 | 3.11 | 620.02 | 551.57 |
| 12600083 | A | 25/08/1993 | 1 | GCL | 153595 | AI | GB | | | | 16 | 777 | 8.4 | | | 55 | 37 | 196 | 0.1 | 11.4 | 3.17 | 550.27 | 487.63 |
| 12600083 | A | 25/06/1996 | 1 | GCL | 180774 | PU | GB | NL | DG | GWAN | 16.1 | 821 | 8.1 | 10 | 0.8 | 53 | 42 | 194 | 0.1 | 10.7 | 3.04 | 559.74 | 493.73 |
| 12600083 | A | 9/09/1999 | 1 | GCL | 196758 | PU | GB | NL | DG | GWAN | 15.1 | 786 | 7.8 | 4 | 1.2 | 56 | 41 | 198 | 0.1 | 10.9 | 3.14 | 558.84 | 493.35 |
| 12600084 | A | 25/08/1993 | 1 | GCL | 153594 | AI | GB | | | | 12 | 590 | 7.6 | | | 10 | 69 | 155 | 0.4 | 4.4 | 1.71 | 405.99 | 320.24 |
| 12600084 | A | 25/06/1996 | 1 | GCL | 180776 | PU | GB | NL | DG | GWAN | 12.1 | 1560 | 8.5 | 5 | 7.1 | 50 | 157 | 315 | 0.3 | 9.7 | 3.17 | 1050.63 | 912.11 |
| 12600084 | A | 19/03/1997 | 1 | GCL | 181674 | PG | GB | NL | DG | GWAN | 12 | 7240 | 7.5 | 0 | 13 | 47 | 1508 | 270 | 0.7 | 11.9 | 0 | 4524.61 | 4405.6 |
| 12600084 | A | 9/09/1999 | 1 | GCL | 196742 | PU | GB | NL | DG | GWAN | 11.3 | 6940 | 7.9 | 0 | 46.3 | 49 | 1429 | 266 | 0.6 | 11.9 | 0 | 4411.03 | 4298.45 |
| 12600203 | A | 20/09/1999 | 1 | GCL | 203600 | PU | GB | NL | DG | GWAN | 35.15 | 8000 | 7.9 | 0 | 0.8 | 56 | 585 | 641 | 0.2 | 30.1 | 1.11 | 5151.59 | 4816.94 |
| 12600353 | A | 25/08/1993 | 1 | GCL | 153447 | AI | GB | | | | | 25900 | 7.6 | | | 48 | 3769 | 176 | 0.3 | 37.9 | 0 | 17901.97 | 17841.59 |
| 12600353 | B | 25/08/1993 | 1 | GCL | 153448 | BA | GB | | | | | 556 | 8.5 | | | 14 | 109 | 61 | 0.8 | 2.7 | 0 | 336.44 | 314.32 |
| 12600353 | C | 25/08/1993 | 1 | GCL | 153445 | AI | GB | | | | | 521 | 5.2 | | | 35 | 73 | 2 | 0.5 | 3.5 | 0 | 278.16 | 311.43 |
| 12600353 | B | 31/07/1975 | 1 | GCL | 65533 | | GB | | | | 15 | 2040 | 9.9 | | | | 362 | 79 | 1.2 | 3.2 | | 656.9 | 656.09 |
| 12600353 | B | 31/07/1975 | 2 | GCL | 65534 | | GB | | | | 10 | 16800 | 9.1 | | | | 1599 | 13 | 0.2 | 33.7 | | 9938.9 | 9932.8 |
| 12600353 | B | 20/02/1978 | 1 | GCL | 76127 | | GB | | | | | 315 | 7.2 | | | 34 | 90 | 74 | 1.6 | 1.2 | | 215.6 | 203.85 |
| 12600353 | B | 20/02/1978 | 2 | GCL | 76128 | | GB | | | | | 19100 | 7.4 | | | 12 | 2150 | 155 | 0.3 | 32.9 | | 11537.3 | 11453.23 |
| 12600353 | B | 26/10/1978 | 1 | GCL | 79411 | | GB | | | | | 26500 | 7.5 | | | 40 | 3746 | 140 | 0.3 | 35.5 | | 17255 | 17208.08 |
| 12600353 | B | 22/02/1979 | 1 | GCL | 80565 | | GB | | | | | 122 | 6.9 | | | 13 | 27 | 15 | 0.9 | 1.1 | | 68.3 | 72.15 |
| 12600353 | B | 22/02/1979 | 2 | GCL | 80566 | | GB | | | | | 220 | 7.5 | | | 29 | 61 | 40 | 1.5 | 1.1 | | 138.7 | 142.79 |
| 12600353 | B | 27/09/1979 | 1 | GCL | 83917 | | GB | | | | | 670 | 8 | | | 26 | 183 | 105 | 1.6 | 1.7 | | 391.5 | 352.95 |
| 12600353 | B | 27/09/1979 | 2 | GCL | 84043 | | GB | | | | | 280 | 8.1 | | | 33 | 85 | 74 | 1.9 | 1 | | 186.1 | 173.86 |
| 12600353 | B | 20/03/1980 | 1 | GCL | 85935 | | GB | | | | | 540 | 7.8 | | | 35 | 135 | 100 | 1.3 | 1.8 | | 338.4 | 311.9 |
| 12600353 | B | 20/03/1980 | 2 | GCL | 86015 | | GB | | | | | 8700 | 6.8 | | | 25 | 1191 | 34 | 0.4 | 17.5 | | 4884.8 | 4888.96 |
| 12600353 | B | 10/10/1980 | 1 | GCL | 87402 | AI | GB | | | | | 3110 | | | | 37 | 475 | 139 | 0.5 | 8.6 | | 1759.4 | 1710.5 |
| 12600353 | B | 10/10/1980 | 2 | GCL | 87663 | | GB | | | | 23 | 27500 | 7.5 | | | 50 | 4141 | 190 | 0.4 | 36.5 | | 18342 | 18274.07 |
| 12600353 | B | 19/03/1981 | 1 | GCL | 90001 | AI | GB | | | | 15 | 195 | 6.5 | | | 20 | 21 | 11 | 0.4 | 2.4 | | 98.4 | 111.79 |
| 12600353 | B | 19/03/1981 | 2 | GCL | 90071 | AI | GB | | | | 23 | 29000 | 7.6 | | | 55 | 3821 | 182 | 0.3 | 35.9 | | 17474 | 17416.16 |
| 12600353 | A | 1/08/1975 | 1 | GCL | 65538 | | GB | | | | | 24500 | 11.8 | | | | 1510 | 424 | 0.2 | 48.2 | | 12937.2 | 12929.52 |
| 12600353 | A | 1/10/1975 | 1 | GCL | 66173 | | GB | | | | | 25500 | 11.7 | | | | 1916 | 266 | 0.2 | 45.7 | | 14010 | 14008.98 |
| 12600353 | B | 1/10/1975 | 1 | GCL | 66174 | | GB | | | | | 970 | 10.5 | | | | 184 | 51 | 0.9 | 3.1 | | 502.3 | 496.71 |
| 12600353 | C | 1/10/1975 | 1 | GCL | 66175 | | GB | | | | | 16900 | 8 | | | | 1715 | 30 | 0.3 | 30.8 | | 9911 | 9892.19 |
| 12600353 | B | 1/01/1976 | 1 | GCL | 66972 | | GB | | | | | 730 | 7.6 | | | | 190 | 57 | 1.4 | 2 | | 452.6 | 417.02 |
| 12600353 | C | 1/01/1976 | 1 | GCL | 66957 | | GB | | | | | 16700 | 6.9 | | | | 1828 | 90 | 0.3 | 31.1 | | 10110 | 10054.09 |
| 12600353 | A | 1/01/1976 | 1 | GCL | 66991 | | GB | | | | | 24700 | 11.5 | | | | 1941 | 437 | 0.2 | 47.1 | | 14514.6 | 14511.75 |
| 12600353 | A | 1/03/1976 | 1 | GCL | 1 | | GB | | | | | 24600 | 11.8 | | | | 1721 | 60 | 0.2 | 50.4 | | 14035.7 | 14035.7 |
| 12600353 | B | 1/03/1976 | 1 | GCL | 1 | | GB | | | | | 590 | 7.2 | | | | 161 | 128 | 1.4 | 1.8 | | 373 | 293.71 |
| 12600353 | C | 1/03/1976 | 1 | GCL | 1 | | GB | | | | | 17000 | 6.3 | | | | 1732 | 30 | 0.3 | 32.4 | | 9981.4 | 9962.59 |
| 12600353 | A | 1/08/1976 | 1 | GCL | 1 | | GB | | | | | 25500 | 11.3 | | | | 2120 | 60 | 0.2 | 45.2 | | 14805.7 | 14805.7 |
| 12600353 | B | 1/08/1976 | 1 | GCL | 69611 | | GB | | | | | 753 | 7.2 | | | | 185 | 150 | 1.4 | 2 | | 457.1 | 364.59 |
| 12600353 | C | 1/08/1976 | 1 | GCL | 69612 | | GB | | | | | 16500 | 7.3 | | | | 1828 | 552 | 0.3 | 29.6 | | 10248.8 | 9906.71 |
| 12600353 | A | 1/09/1976 | 1 | GCL | 70185 | | GB | | | | | 26500 | 11.4 | | | | 2241 | 60 | 0.2 | 46 | | 15209.4 | 15209.4 |
| 12600353 | B | 1/09/1976 | 1 | GCL | 70186 | | GB | | | | | 570 | 7.5 | | | | 170 | 150 | 2 | 1.3 | | 405.3 | 312.79 |
| 12600353 | C | 1/09/1976 | 1 | GCL | 70187 | | GB | | | | | 15600 | 7.2 | | | | 1711 | 60 | 0.3 | 30 | | 9321.2 | 9284.09 |
| 12600353 | B | 1/11/1976 | 1 | GCL | 70460 | | GB | | | | | 1280 | 8.6 | | | | 270 | 195 | 0.9 | 3.8 | | 808.7 | 694.33 |
| 12600353 | C | 1/11/1976 | 1 | GCL | 70461 | | GB | | | | | 17000 | 7.1 | | | | 1935 | 125 | 0.3 | 31.2 | | 10395.6 | 10318.34 |
| 12600353 | A | 31/07/1975 | 1 | GCL | 65532 | | GB | | | | 23 | 24500 | 9.9 | | | | 1510 | 414 | 0.2 | 48.2 | | 12925 | 12923.53 |
| 12600353 | A | 20/02/1978 | 1 | GCL | 76126 | | GB | | | | | 240 | 7.3 | | | 30 | 67 | 60 | 1.9 | 0.8 | | 151 | 143.89 |
| 12600353 | A | 26/10/1978 | 1 | GCL | 79410 | | GB | | | | | 420 | 7.6 | | | 28 | 124 | 100 | 1.7 | 1.3 | | 283.8 | 250.3 |
| 12600353 | A | 28/10/1978 | 1 | GCL | 79432 | | GB | | | | | 590 | 7.5 | | | 38 | 152 | 135 | 1.4 | 1.8 | | 373 | 327.64 |
| 12600353 | A | 22/02/1979 | 1 | GCL | 80564 | | GB | | | | | 190 | 7 | | | 21 | 42 | 30 | 1 | 1.3 | | 116.1 | 118.29 |
| 12600353 | A | 27/09/1979 | 1 | GCL | 83913 | | GB | | | | | 640 | 8.2 | | | 41 | 191 | 175 | 1.6 | 1.7 | | 440.3 | 375.07 |
| 12600353 | A | 20/03/1980 | 1 | GCL | 85860 | | GB | | | | 23 | 19000 | 7.5 | | | 34 | 2888 | 105 | 0.3 | 31.3 | | 13138.5 | 13107.44 |
| 12600353 | A | 10/10/1980 | 1 | GCL | 87388 | AI | GB | | | | | 1010 | 7.6 | | | 30 | 211 | 102 | 0.7 | 4.1 | | 627.3 | 594.27 |
| 12600353 | A | 19/03/1981 | 1 | GCL | 89920 | AI | GB | | | | 10 | 290 | 6.9 | | | 39 | 67 | 27 | 1 | 1.6 | | 188.1 | 210.33 |
| 12600353 | A | 9/12/1981 | 1 | GCL | 92303 | AI | GB | | | | | 25200 | 7.5 | | | 54 | 3630 | 177 | 0.3 | 36.1 | | 17206 | 17150.21 |
| 12600353 | A | 21/04/1982 | 1 | GCL | 93734 | | GB | | | | 23 | 25000 | 7.2 | | | 57 | 3730 | 185 | 0.3 | 36.3 | | 17902 | 17844.63 |
| 12600353 | A | 23/03/1983 | 1 | GCL | 101317 | PU | GB | | | | | 23500 | 7.8 | | | 46 | 3751 | 175 | 0.4 | 34.5 | | 16762.45 | 16701.71 |
| 12600353 | A | 1/02/1984 | 1 | GCL | 104647 | | GB | | | | | 295 | 7.4 | | | 27 | 84 | 91 | 1.4 | 1.3 | 0.13 | 212.71 | 183.8 |
| 12600353 | A | 3/08/1984 | 1 | GCL | 105702 | | GB | | | | | 310 | 7.4 | | | 30 | 60 | 42 | 0.8 | 2 | | 175.7 | 179.78 |
| 12600353 | B | 9/12/1981 | 1 | GCL | 92247 | AI | GB | | | | | 940 | 8.3 | | | 27 | 183 | 97 | 0.8 | 3.3 | | 521.6 | 490.15 |
| 12600353 | B | 21/04/1982 | 1 | GCL | 93697 | | GB | | | | 25 | 2400 | 6.8 | | | 58 | 202 | 40 | 0.3 | 11 | | 1321.3 | 1354.39 |
| 12600353 | B | 21/04/1982 | 2 | GCL | 93667 | | GB | | | | 15 | 140 | 7.7 | | | 15 | 10 | 18 | 0.2 | 3.1 | 0.17 | 81.9 | 85.72 |

| RN | PIPE | RDATE | REC | ANALYST | ANALYSIS NO | SAMP METHOD | SOURCE | PRESMETH1 | COLLSAMP | PROJECT1 | DEPTH | CONDUCT | PH | COLOUR | TURB | SIO2 | HARD | ALK | FIG_MERIT | NA_ADS RATIO | RES ALK | TOTAL_IONS | TOTAL_SOLIDS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600353 | B | 23/03/1983 | 1 | GCL | 101234 | PU | GB | | | | | 530 | 7.9 | | | 31 | 80 | 52 | 0.5 | 3.7 | | 306.32 | 305.3 |
| 12600353 | B | 1/02/1984 | 1 | GCL | 104784 | | GB | | | | | 23000 | 7.8 | | | 43 | 3517 | 172 | 0.4 | 29.7 | | 14303 | 14241.8 |
| 12600353 | B | 3/08/1984 | 1 | GCL | 105714 | | GB | | | | | 670 | 7.2 | | | 58 | 166 | 86 | 1.4 | 1.9 | | 413.41 | 418.04 |
| 12600353 | C | 9/12/1981 | 1 | GCL | 92016 | AI | GB | | | | | 565 | 7.4 | | | 46 | 117 | 69 | 0.9 | 2.4 | | 332.5 | 335.8 |
| 12600353 | C | 21/04/1982 | 1 | GCL | 93670 | | GB | | | | 10 | 480 | 7.4 | | | 31 | 103 | 45 | 1 | 2.1 | | 263.5 | 266.54 |
| 12600353 | C | 23/03/1983 | 1 | GCL | 101221 | PU | GB | | | | | 380 | 7.5 | | | 28 | 61 | 52 | 0.5 | 3 | | 235.68 | 231.66 |
| 12600353 | C | 1/02/1984 | 1 | GCL | 104648 | | GB | | | | | 320 | 7.5 | | | 31 | 90 | 95 | 1.3 | 1.5 | 0.09 | 226.83 | 199.38 |
| 12600353 | C | 3/08/1984 | 1 | GCL | 105780 | PU | GB | | | | | 23500 | 7.7 | | | 46 | 3454 | 192 | 0.3 | 34.1 | | 16127.09 | 16056.18 |
| 12600353 | C | 19/03/1997 | 1 | GCL | 181667 | PG | GB | NL | DG | GWAN | 9.6 | 443 | 5.9 | 8 | 8.6 | 26 | 53 | 15 | 0.4 | 3.6 | 0 | 239.43 | 256.16 |
| 12600353 | B | 19/03/1997 | 1 | GCL | 181666 | PG | GB | NL | DG | GWAN | 14.7 | 312 | 6.1 | 0 | 14 | 21 | 32 | 21 | 0.4 | 3.2 | 0 | 175.97 | 183.92 |
| 12600353 | A | 19/03/1997 | 1 | GCL | 181665 | PG | GB | NL | DG | GWAN | 22.7 | 23200 | 6.8 | 0 | 18 | 51 | 3423 | 167 | 0.3 | 34.1 | 0 | 15559.64 | 15507.18 |
| 12600353 | A | 7/01/1976 | 1 | GCL | 66991 | PU | GB | | | | | 24700 | 11.6 | | | | 1941 | 437 | 0.2 | 47.1 | | 14535.48 | 14532.63 |
| 12600353 | A | 3/10/1975 | 1 | GCL | 66174 | PU | GB | | | | | 970 | 10.5 | | | | 184 | 51 | 0.9 | 3.1 | | 502.44 | 496.85 |
| 12600353 | A | 3/10/1975 | 2 | GCL | 66173 | PU | GB | | | | | 25500 | 11.8 | | | | 1916 | 266 | 0.2 | 45.7 | | 14010 | 14008.98 |
| 12600353 | A | 31/07/1975 | 2 | GCL | 65532 | PU | GB | | | | | 24500 | 11.8 | | | | 1510 | 414 | 0.2 | 48.2 | | 12925 | 12923.53 |
| 12600353 | A | 7/01/1976 | 2 | GCL | 66972 | PU | GB | | | | | 730 | 7.6 | | | | 190 | 57 | 1.4 | 2 | | 453.26 | 417.68 |
| 12600353 | A | 7/01/1976 | 3 | GCL | 66957 | PU | GB | | | | | 16700 | 7 | | | | 1828 | 90 | 0.3 | 31.1 | | 10116.84 | 10060.93 |
| 12600353 | A | 3/10/1975 | 3 | GCL | 66175 | PU | GB | | | | | 16900 | 8 | | | | 1715 | 30 | 0.3 | 30.8 | | 9911 | 9892.19 |
| 12600353 | A | 31/07/1975 | 3 | GCL | 65533 | PU | GB | | | | | 2040 | 11.6 | | | | 383 | 79 | 1.3 | 3.1 | | 661.9 | 661.09 |
| 12600353 | C | 9/09/1999 | 1 | GCL | 196743 | PU | GB | NL | DG | GWAN | 14 | 258 | 7 | 40 | 24.5 | 30 | 43 | 48 | 0.6 | 2.3 | 0.11 | 159.61 | 160.14 |
| 12600353 | B | 9/09/1999 | 1 | GCL | 196746 | PU | GB | NL | DG | GWAN | | 400 | 7 | 2 | 4.5 | 23 | 46 | 32 | 0.4 | 3.9 | 0 | 221.92 | 224.5 |
| 12600353 | A | 9/09/1999 | 1 | GCL | 196754 | PU | GB | NL | DG | GWAN | 22 | 26000 | 7.5 | 1 | 10 | 56 | 4082 | 186 | 0.4 | 35.9 | 0 | 18210.32 | 18152.16 |
| 12600354 | B | 20/02/1978 | 1 | GCL | 76130 | | GB | | | | | 3250 | 7.6 | | | 31 | 337 | 410 | 0.3 | 12.5 | 1.45 | 1978.1 | 1756.47 |
| 12600354 | B | 22/02/1979 | 1 | GCL | 80568 | | GB | | | | | 690 | 7.6 | | | 20 | 136 | 200 | 0.7 | 3.5 | 1.28 | 505.7 | 402.18 |
| 12600354 | B | 27/09/1979 | 1 | GCL | 83963 | | GB | | | | | 3750 | 7.8 | | | 31 | 338 | 370 | 0.2 | 15.3 | 0.63 | 2333 | 2137.3 |
| 12600354 | B | 19/03/1981 | 1 | GCL | 90032 | AI | GB | | | | 3 | 2200 | 7.9 | | | 32 | 170 | 238 | 0.2 | 11.9 | 1.36 | 1258 | 1144.12 |
| 12600354 | A | 1/08/1975 | 1 | GCL | 65535 | | GB | | | | | 2750 | 7.8 | | | | 219 | 182 | 0.2 | 14.1 | | 1507.5 | 1396.18 |
| 12600354 | A | 1/10/1975 | 1 | GCL | 66176 | | GB | | | | | 26500 | 7.3 | | | | 3293 | 172 | 0.3 | 36.4 | | 16302 | 16195.26 |
| 12600354 | B | 1/10/1975 | 1 | GCL | 66177 | | GB | | | | | 5500 | 7.5 | | | | 440 | 134 | 0.2 | 19.9 | | 3249 | 3166.15 |
| 12600354 | A | 1/01/1976 | 1 | GCL | 66963 | | GB | | | | | 2790 | 8 | | | | 244 | 258 | 0.2 | 13.1 | 0.29 | 1622 | 1461.89 |
| 12600354 | A | 1/03/1976 | 1 | GCL | 1 | | GB | | | | | 2600 | 7.5 | | | | 230 | 250 | 0.2 | 13 | 0.39 | 1530.2 | 1376.19 |
| 12600354 | B | 1/03/1976 | 1 | GCL | 1 | | GB | | | | | 5650 | 8.1 | | | | 307 | 240 | 0.1 | 26.6 | | 3246 | 3097.07 |
| 12600354 | A | 1/08/1976 | 1 | GCL | 69069 | | GB | | | | | 2610 | 7.8 | | | | 216 | 252 | 0.2 | 13.4 | 0.71 | 1572.7 | 1418.18 |
| 12600354 | B | 1/08/1976 | 1 | GCL | 69072 | | GB | | | | | 4500 | 7.7 | | | | 224 | 288 | 0.1 | 24.6 | 1.28 | 2625.9 | 2449.01 |
| 12600354 | A | 1/09/1976 | 1 | GCL | 70188 | | GB | | | | | 2750 | 8.3 | | | | 233 | | 0.2 | 13.5 | | 555 | 555 |
| 12600354 | B | 1/09/1976 | 1 | GCL | 70189 | | GB | | | | | 11500 | 7.8 | | | | 983 | 422 | 0.2 | 29.6 | | 6863.8 | 6602.03 |
| 12600354 | A | 1/11/1976 | 1 | GCL | 70462 | | GB | | | | | 2660 | 8 | | | | 226 | 245 | 0.2 | 13 | 0.37 | 1532.7 | 1383.26 |
| 12600354 | A | 1/01/2100 | 1 | GCL | 69072 | | GB | | | | | 4500 | 7.8 | | | | 224 | 288 | 0.1 | 24.6 | 1.28 | 2625.9 | 2449.01 |
| 12600354 | A | 20/02/1978 | 1 | GCL | 76129 | | GB | | | | | 2400 | 7.4 | | | 66 | 166 | 195 | 0.2 | 13.6 | 0.58 | 1357.9 | 1303.43 |
| 12600354 | A | 11/10/1978 | 1 | GCL | 76923 | | GB | | | | | 2800 | 8.1 | | | 28 | 176 | 265 | 0.1 | 18 | 1.78 | 1754.1 | 1620.97 |
| 12600354 | A | 25/10/1978 | 1 | GCL | 79413 | | GB | | | | | 4400 | 8 | | | 20 | 280 | 340 | 0.2 | 21.6 | 1.2 | 2677.6 | 2490.21 |
| 12600354 | A | 22/02/1979 | 1 | GCL | 80567 | | GB | | | | | 1360 | 7.6 | | | 34 | 88 | 95 | 0.2 | 10.9 | 0.13 | 796.5 | 772.05 |
| 12600354 | A | 27/09/1979 | 1 | GCL | 83946 | | GB | | | | | 2000 | 7.5 | | | 64 | 117 | 100 | 0.2 | 13.7 | | 1158.5 | 1161 |
| 12600354 | A | 25/10/1979 | 1 | GCL | 79412 | | GB | | | | | 2050 | 7.9 | | | 54 | 118 | 185 | 0.2 | 14.5 | 1.34 | 1184.9 | 1125.55 |
| 12600354 | A | 4/02/1980 | 1 | GCL | 85991 | | GB | | | | | 2410 | 8.1 | | | 66 | 147 | 113 | 0.1 | 16.4 | | 1423.5 | 1420.88 |
| 12600354 | A | 20/03/1980 | 1 | GCL | 85985 | | GB | | | | | 1930 | 8 | | | 26 | 220 | 181 | 0.3 | 8.8 | | 1198.7 | 1113.89 |
| 12600354 | A | 10/10/1980 | 1 | GCL | 87399 | AI | GB | | | | | 2340 | 7.6 | | | 66 | 164 | 183 | 0.2 | 13.5 | 0.37 | 1354.8 | 1307.96 |
| 12600354 | A | 19/03/1981 | 1 | GCL | 89959 | AI | GB | | | | 25 | 2400 | 7.7 | | | 75 | 159 | 177 | 0.2 | 14.5 | 0.35 | 1390.9 | 1357.12 |
| 12600354 | A | 9/12/1981 | 1 | GCL | 92277 | AI | GB | | | | | 2430 | 7.5 | | | 69 | 185 | 134 | 0.2 | 13.1 | | 1409.6 | 1395.75 |
| 12600354 | A | 21/04/1982 | 1 | GCL | 93697 | | GB | | | | 25 | 2400 | 6.8 | | | 58 | 202 | 40 | 0.3 | 11 | | 1321.3 | 1354.39 |
| 12600354 | A | 23/03/1983 | 1 | GCL | 101299 | PU | GB | | | | | 3450 | 8 | | | 60 | 370 | 175 | 0.3 | 14 | | 2084.11 | 2037.37 |
| 12600354 | A | 1/02/1984 | 1 | GCL | 104739 | | GB | | | | | 2850 | 8 | | | 57 | 268 | 142 | 0.3 | 13 | | 1659.72 | 1630.31 |
| 12600354 | A | 3/08/1984 | 1 | GCL | 105748 | AI | GB | | | | | 3000 | 7.5 | | | 58 | 271 | 136 | 0.2 | 13.2 | | 1701 | 1675.13 |
| 12600354 | B | 9/12/1981 | 1 | GCL | 92297 | AI | GB | | | | | 8400 | 7.4 | | | 36 | 780 | 325 | 0.2 | 24.9 | | 5301.5 | 5136.21 |
| 12600354 | B | 21/04/1982 | 1 | GCL | 93680 | | GB | | | | 3 | 810 | 6.9 | | | 30 | 104 | 90 | 0.4 | 4.7 | | 487.4 | 461.49 |
| 12600354 | B | 23/03/1983 | 1 | GCL | 101311 | PU | GB | | | | | 10000 | 8.2 | | | 33 | 893 | 289 | 0.2 | 28.4 | | 6199.03 | 6059.21 |
| 12600354 | B | 1/02/1984 | 1 | GCL | 104781 | | GB | | | | | 10500 | 7.9 | | | 30 | 1044 | 301 | 0.2 | 28.9 | | 6848.32 | 6695.33 |
| 12600354 | B | 3/08/1984 | 1 | GCL | 105766 | | GB | | | | | 9100 | 7.6 | | | 31 | 710 | 261 | 0.2 | 28.6 | | 5610.29 | 5481.18 |
| 12600354 | A | 31/07/1975 | 1 | GCL | 65535 | PU | GB | | | | | 2750 | 7.8 | | | | 219 | 275 | 0.2 | 14.1 | 1.12 | 1620.5 | 1451.74 |
| 12600354 | A | 7/01/1976 | 1 | GCL | 66963 | PU | GB | | | | | 2790 | 8 | | | | 244 | 258 | 0.2 | 13.1 | 0.29 | 1622.57 | 1462.46 |
| 12600354 | A | 3/10/1975 | 1 | GCL | 66177 | PU | GB | | | | | 5500 | 7.5 | | | | 440 | 134 | 0.2 | 19.9 | | 3149.49 | 3066.64 |
| 12600354 | A | 3/10/1975 | 2 | GCL | 66176 | PU | GB | | | | | 26500 | 7.3 | | | | 3293 | 172 | 0.3 | 36.4 | | 16302.2 | 16195.46 |
| 12600355 | A | 25/08/1993 | 1 | GCL | 155914 | AI | GB | | | | | 3810 | 8.7 | | | 65 | 149 | 261 | 0.1 | 26.4 | 2.23 | 2183.77 | 2101.09 |
| 12600355 | B | 25/08/1993 | 1 | GCL | 155915 | AI | GB | | | | | 10380 | 8 | | | 48 | 1743 | 71 | 0.5 | 17.7 | 0 | 6746.61 | 6752.24 |
| 12600355 | B | 1/01/2100 | 1 | GCL | 83924 | | GB | | | | | 840 | 7.8 | | | 24 | 34 | 100 | 0.1 | 11.1 | 1.31 | 490.5 | 453 |

| RN | PIPE | RDATE | REC | ANALYST | ANALYSIS NO | SAMP METHOD | SOURCE | PRESMETH1 | COLLSAMP | PROJECT1 | DEPTH | CONDUCT | PH | COLOUR | TURB | SIO2 | HARD | ALK | FIG_MERIT | NA_ADS RATIO | RES ALK | TOTAL_IONS | TOTAL_SOLIDS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600355 | B | 1/01/2100 | 2 | GCL | 85476 | | GB | | | | | 105 | 6.1 | | | 4 | 10 | 18 | 0.3 | 1.9 | 0.16 | 68.1 | 60.92 |
| 12600355 | B | 20/02/1978 | 1 | GCL | 76132 | | GB | | | | | 1800 | 7.4 | | | 60 | 64 | 257 | | 18.6 | 3.86 | 1109.3 | 1010.71 |
| 12600355 | B | 22/08/1978 | 1 | XXX | 78303 | | GB | | | | | 2100 | 8.1 | | | 38 | 144 | 210 | 0.2 | 13.7 | 1.31 | 1231.6 | 1142.02 |
| 12600355 | B | 25/10/1978 | 1 | GCL | 79415 | | GB | | | | | 1800 | 8.7 | | | 48 | 68 | 250 | | 18.1 | 3.63 | 1102.2 | 1005.84 |
| 12600355 | B | 22/02/1979 | 1 | GCL | 80570 | | GB | | | | | 1720 | 8 | | | 46 | 64 | 235 | | 18.4 | 3.43 | 1078.1 | 980.25 |
| 12600355 | B | 30/08/1984 | 2 | GCL | 101293 | | GB | | | | | 2050 | 8.6 | | | 48 | 161 | 226 | 0.2 | 13 | 1.29 | 1324.71 | 1240.55 |
| 12600355 | A | 1/10/1975 | 1 | GCL | 66178 | | GB | | | | | 2850 | 7.7 | | | | 272 | 295 | 0.3 | 11.9 | 0.46 | 1633 | 1450.01 |
| 12600355 | B | 1/10/1975 | 1 | GCL | 66179 | | GB | | | | | 2350 | 10.6 | | | | 142 | 83 | 0.2 | 13.5 | | 1146 | 1138.88 |
| 12600355 | A | 1/01/1976 | 1 | GCL | 66968 | | GB | | | | | 3360 | 7.8 | | | | 131 | 268 | | 24.9 | 2.75 | 1985 | 1818.79 |
| 12600355 | B | 1/01/1976 | 1 | GCL | 66981 | | GB | | | | | 1750 | 7.8 | | | | 82 | 264 | 0.1 | 16.3 | 3.64 | 1089.2 | 925.53 |
| 12600355 | A | 1/03/1976 | 1 | GCL | 1 | | GB | | | | | 1900 | 8.3 | | | | 123 | 285 | 0.2 | 13.4 | 3.24 | 1171.8 | 999.99 |
| 12600355 | B | 1/03/1976 | 1 | GCL | 1 | | GB | | | | | 1800 | 7.8 | | | | 65 | 255 | | 18.3 | 3.79 | 1085.1 | 928.54 |
| 12600355 | A | 1/08/1976 | 1 | GCL | 69073 | | GB | | | | | 1570 | 8 | | | | 92 | 196 | 0.2 | 12.4 | 2.08 | 915.8 | 795.84 |
| 12600355 | A | 1/09/1976 | 1 | GCL | 70190 | | GB | | | | | 1900 | 8.4 | | | | 91 | 250 | 0.1 | 16.2 | 3.19 | 1173.3 | 1023.35 |
| 12600355 | B | 1/09/1976 | 1 | GCL | 70191 | | GB | | | | | 1800 | 7.9 | | | | 60 | 255 | | 19.6 | 3.9 | 1112.4 | 956.35 |
| 12600355 | B | 1/08/1976 | 1 | GCL | 69074 | | GB | | | | | 1770 | 7.8 | | | | 70 | 256 | 0.1 | 17.4 | 3.72 | 1088.7 | 931.13 |
| 12600355 | A | 20/02/1978 | 1 | GCL | 76131 | | GB | | | | | 50 | 6.1 | | | 2 | 4 | 5 | 0.4 | 1 | 0.02 | 29.1 | 28 |
| 12600355 | A | 22/08/1978 | 1 | GCL | 78302 | | GB | | | | | 3400 | 7.8 | | | 49 | 149 | 225 | 0.1 | 23.7 | 1.52 | 1980.6 | 1891.85 |
| 12600355 | A | 25/10/1978 | 1 | GCL | 79414 | | GB | | | | | 3500 | 8 | | | 49 | 131 | 230 | | 25.7 | 1.99 | 2055.7 | 1964.41 |
| 12600355 | A | 22/02/1979 | 1 | GCL | 80569 | | GB | | | | | 44 | 6.5 | | | 1 | 6 | | 0.6 | 0.9 | | 30.3 | 31.3 |
| 12600355 | A | 27/09/1979 | 1 | GCL | 83889 | | GB | | | | | 300 | 7.8 | | | 3 | 72 | 75 | 3.8 | 0.5 | 0.06 | 145.6 | 102.34 |
| 12600355 | A | 20/03/1980 | 1 | GCL | 85976 | | GB | | | | | 1740 | 7.8 | | | 62 | 74 | 253 | 0.1 | 17.7 | 3.57 | 1137.3 | 1043.76 |
| 12600355 | A | 9/10/1980 | 1 | GCL | 87396 | AI | GB | | | | | 2110 | 8 | | | 59 | 93 | 237 | 0.1 | 17.6 | 2.87 | 1285.2 | 1199.33 |
| 12600355 | A | 19/03/1981 | 1 | GCL | 90025 | AI | GB | | | | 8 | 1020 | 7.9 | | | 25 | 58 | 159 | 0.1 | 11.1 | 2.02 | 684.1 | 611.51 |
| 12600355 | A | 19/03/1981 | 2 | GCL | 90070 | AI | GB | | | | | 25100 | 7.6 | | | 34 | 2952 | 79 | 0.3 | 38.8 | | 15429.2 | 15414.4 |
| 12600355 | A | 9/12/1981 | 1 | GCL | 92280 | AI | GB | | | | | 3540 | 7.9 | | | 39 | 192 | 156 | 0.1 | 21 | | 2076.3 | 2019.74 |
| 12600355 | A | 21/04/1982 | 1 | GCL | 93710 | | GB | | | | 20 | 4850 | 7.9 | | | 57 | 311 | 229 | 0.1 | 23.7 | | 2986.2 | 2903.42 |
| 12600355 | A | 23/03/1983 | 1 | GCL | 101304 | PU | GB | | | | | 4400 | 8.3 | | | 49 | 187 | 242 | | 29.3 | 1.1 | 2689.26 | 2593.39 |
| 12600355 | A | 1/02/1984 | 1 | GCL | 104645 | | GB | | | | | 97 | 7.6 | | | 8 | 12 | 4 | 0.5 | 1.4 | | 53.01 | 58.62 |
| 12600355 | A | 3/08/1984 | 1 | GCL | 105694 | AI | GB | | | | | 110 | 6.4 | | | 5 | 13 | 10 | 0.5 | 1.3 | | 66.91 | 65.81 |
| 12600355 | B | 9/12/1981 | 1 | GCL | 92295 | AI | GB | | | | | 6460 | 7.8 | | | 47 | 954 | 102 | 0.4 | 15.6 | | 4084.6 | 4068.57 |
| 12600355 | B | 21/04/1982 | 1 | GCL | 93692 | | GB | | | | 8 | 2000 | 8.1 | | | 64 | 102 | 233 | 0.1 | 16 | 2.64 | 1229.6 | 1151.28 |
| 12600355 | B | 23/03/1983 | 1 | GCL | 101293 | PU | GB | | | | | 2050 | 8.6 | | | 48 | 161 | 226 | 0.2 | 13 | 1.29 | 1324.76 | 1240.6 |
| 12600355 | B | 1/02/1984 | 1 | GCL | 104696 | | GB | | | | | 1500 | 8.2 | | | 29 | 85 | 109 | 0.2 | 11.8 | 0.48 | 836.72 | 799.64 |
| 12600355 | B | 3/08/1984 | 1 | GCL | 105743 | AI | GB | | | | | 2700 | 7.9 | | | 52 | 214 | 229 | 0.2 | 14.6 | 0.3 | 1656.9 | 1569.12 |
| 12600355 | A | 23/07/1992 | 1 | GCL | 140293 | PU | GB | | | | | 5121 | 8.5 | | | 75 | 283 | 238 | 0.1 | 25.8 | 0 | 3008.86 | 2944.48 |
| 12600355 | A | 25/08/1992 | 1 | GCL | 140252 | AI | GB | | | | | 5208 | 8.6 | | | 66 | 289 | 241 | 0.1 | 25.9 | 0 | 3054.68 | 2981.25 |
| 12600355 | B | 23/07/1992 | 1 | GCL | 140294 | PU | GB | | | | | 7611 | 7.7 | | | 57 | 1058 | 120 | 0.4 | 17.4 | 0 | 4744.57 | 4728.19 |
| 12600355 | B | 25/08/1992 | 1 | GCL | 140251 | AI | GB | | | | | 10625 | 7.7 | | | 47 | 1834 | 87 | 0.5 | 18 | 0 | 6880.67 | 6874.3 |
| 12600355 | A | 18/06/1996 | 1 | GCL | 180781 | PU | GB | NL | DG | GWAN | 20 | 4410 | 8.3 | 3 | 305 | 62 | 219 | 248 | 0.1 | 26 | 0.58 | 2653.89 | 2567.43 |
| 12600355 | B | 18/06/1996 | 1 | GCL | 180778 | PU | GB | NL | DG | GWAN | 7.9 | 7710 | 8 | 6 | 101 | 51 | 1231 | 129 | 0.4 | 16.5 | 0 | 4992.86 | 4965.92 |
| 12600355 | B | 11/09/1996 | 1 | GCL | 181710 | PU | GB | EA | DG | GWAN | 7.9 | 6360 | 7.3 | 4 | 112 | 55 | 947 | 154 | 0.4 | 16.7 | 0 | 4260.73 | 4220.19 |
| 12600355 | A | 11/09/1996 | 1 | GCL | 180799 | PU | GB | EA | DG | GWAN | 20 | 4690 | 7.9 | 1 | 78 | 61 | 258 | 256 | 0.1 | 26.8 | 0 | 2932.88 | 2838.23 |
| 12600355 | A | 19/03/1997 | 1 | GCL | 181659 | PG | GB | NL | DG | GWAN | 19.6 | 3780 | 7.7 | 1 | 233 | 68 | 179 | 253 | 0.1 | 25.7 | 1.49 | 2369.96 | 2281.89 |
| 12600355 | A | 7/01/1976 | 1 | GCL | 66981 | PU | GB | | | | | 1750 | 7.8 | | | | 82 | 264 | 0.1 | 16.3 | 3.64 | 1100.45 | 936.78 |
| 12600355 | A | 3/10/1975 | 1 | GCL | 66179 | PU | GB | | | | | 2350 | 10.6 | | | | 142 | 83 | 0.2 | 13.5 | | 1146.9 | 1139.78 |
| 12600355 | A | 7/01/1976 | 2 | GCL | 66968 | PU | GB | | | | | 3360 | 7.8 | | | | 131 | 268 | | 24.9 | 2.75 | 1985.69 | 1819.48 |
| 12600355 | A | 31/07/1975 | 1 | GCL | 65537 | PU | GB | | | | | 1690 | 9.6 | | | | 19 | 124 | | 33 | 2.08 | 942.5 | 891.67 |
| 12600355 | A | 31/07/1975 | 2 | GCL | 65536 | PU | GB | | | | | 3650 | 7.9 | | | | 159 | 240 | 0.1 | 24.2 | 1.62 | 2087.6 | 1940.7 |
| 12600355 | A | 3/10/1975 | 2 | GCL | 66178 | PU | GB | | | | | 2850 | 7.7 | | | | 272 | 295 | 0.3 | 11.9 | 0.46 | 1634.36 | 1451.37 |
| 12600551 | A | 1/05/2004 | 1 | DNR | 216433 | PA | GB | NL | DG | PVSI | 22 | 25000 | 7.1 | | | 32 | 3247 | 280 | | 39.4 | 0.1 | 17601 | 17000 |
| 12600552 | A | 4/05/2004 | 1 | DNR | 216437 | PA | GB | NL | DG | PVSI | 9.2 | 9800 | 7.3 | | | 13 | 1327 | 410 | | 19.6 | 0.1 | 5966 | 5800 |
| 12600553 | A | 3/05/2004 | 1 | DNR | 216434 | PA | GB | NL | DG | PVSI | 20.5 | 23500 | 7.2 | | | 33 | 2493 | 270 | | 42.4 | 0.1 | 15686 | 15000 |
| 12600554 | A | 4/05/2004 | 1 | DNR | 216438 | PA | GB | NL | DG | PVSI | 9 | 5000 | 7.3 | | | 17 | 676 | 710 | | 12.2 | 0.7 | 3167 | 2700 |
| 12600555 | A | 3/05/2004 | 1 | DNR | 216435 | PA | GB | NL | DG | PVSI | 20 | 40500 | 7.1 | | | 29 | 5019 | 340 | | 52.2 | 0.1 | 26980 | 28000 |
| 12600556 | A | 3/05/2004 | 1 | DNR | 216436 | PA | GB | NL | DG | PVSI | 7 | 13500 | 6.9 | | | 18 | 1980 | 960 | | 23.7 | 0.1 | 9403 | 8600 |
| 12600595 | A | 7/02/2012 | 1 | GCL | 302589 | AI | GB | NL | DG | GWAN | 21.9 | 3810 | 7.6 | 1 | 4 | 57 | 661 | 287 | 0.6 | 9.2 | 0 | 2270 | 2150 |
| 12600596 | A | 7/02/2012 | 1 | GCL | 302590 | AI | GB | NL | DG | GWAN | 15.9 | 3220 | 7.4 | 1 | 10 | 50 | 963 | 213 | 1.6 | 4 | 0 | 1820 | 1740 |
| 12600597 | A | 7/02/2012 | 1 | GCL | 302591 | AI | GB | NL | DG | GWAN | 9.9 | 987 | 7.8 | 6 | 256 | 50 | 124 | 220 | 0.4 | 6.1 | 1.9 | 661 | 576 |

| RN | NA | K | CA | MG | FE | MN | HCO3 | CO3 | CL | F | NO3 | SO4 | ZN | AL | B | CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30946 | 373 | | 23 | 36 | | | 185 | | 610 | 0.35 | 2 | 2 | | | | |
| 30946 | 373 | | 36 | 22 | | | 226 | | 590 | 0.3 | 0 | 4 | | | | |
| 30946 | 394 | | 36 | 30 | | | 189 | | 650 | 0.15 | | | | | | |
| 30946 | 370 | | 20 | 35 | 0.3 | | 220 | | 580 | 0.75 | | | | | | |
| 30946 | 393 | | 60 | 53 | 0 | | 317 | | 660 | 0.35 | | 30 | | | | |
| 30946 | 334.8 | 12.5 | 34.5 | 49.3 | 0 | 0 | 201.5 | 0.1 | 594.9 | 0.06 | 32.5 | 11.6 | 0.01 | 0 | 0.1 | 0.04 |
| 34508 | 243.8 | 10.5 | 16 | 26.4 | | | 219.6 | | 360 | | | | | | | |
| 34508 | 216.2 | 10.5 | 12.8 | 30.3 | | | 219.6 | | 340.1 | | | | | | | |
| 37519 | 204.9 | 7.2 | 24.6 | 31 | 0 | 0.22 | 214 | 0.5 | 307.3 | 0.15 | 0 | 39.9 | 0.03 | 0 | 0.1 | 0.02 |
| 46017 | 469.2 | 7.8 | 11.2 | 18.5 | | | 287.9 | | 584 | | | | | | | |
| 46017 | 416.3 | 6.2 | 22 | 2.2 | | | 307.4 | | 444.1 | | | 96 | | | | |
| 46017 | 532.9 | 9.6 | 25.8 | 28.3 | 0 | 0.13 | 276.8 | 0.5 | 694.7 | 0.19 | 0 | 155.5 | 0 | 0 | 0.3 | 0.02 |
| 46017 | 668 | 12 | 43.6 | 37.3 | 0 | 0 | 304.4 | 1.1 | 902.2 | 0.23 | 2.4 | 178.6 | 0.01 | 0 | 0.2 | 0.06 |
| 46134 | 180.2 | | 28.6 | 42.9 | | | 300.3 | 0 | 277.4 | | | 0 | | | | |
| 46134 | 250.1 | 6.6 | | | | | 307.5 | | 347.7 | | | 38.4 | | | | |
| 46411 | 197.8 | 0.8 | 22.4 | 27.3 | | | 224.5 | | 287.9 | | | | | | | |
| 46411 | 66.2 | 0.8 | 26 | 16.3 | | | 156.2 | | 91.9 | | | | | | | |
| 46411 | 97.2 | 0.8 | 35.8 | 21.9 | 0 | 0 | 175.7 | 0.3 | 148.2 | 0.12 | 22.4 | 28.7 | 0.01 | 0 | 0 | 0.01 |
| 46411 | 85.8 | 0.6 | 34.2 | 19.9 | 0.01 | 0 | 165.6 | 0.1 | 112.1 | 0.02 | 25.7 | 28.1 | 0.01 | 0 | 0 | 0.02 |
| 63000 | 87 | 1.1 | 45 | 27 | 0.01 | 0 | 155 | 0.9 | 160 | 0.1 | 33 | 52 | | | | |
| 63000 | 98 | 1.1 | 52 | 31 | 0 | 0 | 165 | 0.8 | 175 | 0.1 | 40 | 73 | | | | |
| 63000 | 136.4 | 1.5 | 75 | 42.1 | 0 | 0.02 | 215.8 | 0.1 | 245.7 | 0.1 | 45.9 | 104.3 | 0.02 | 0 | 0 | 0.04 |
| 12500275 | 146 | 4.2 | 6.3 | 5.8 | 0.02 | 0.01 | 343 | 4.4 | 50 | 0.39 | 0.5 | 4.9 | 0.01 | 0.05 | 0.15 | 0.03 |
| 12500276 | 104 | 1.5 | 40 | 23 | 0.01 | 0.98 | 275 | 0.4 | 120 | 0.15 | 1.8 | 28 | 0.01 | 0.05 | 0.32 | 0.03 |
| 12500277 | 106 | 1.6 | 47 | 28 | 0.01 | 2.4 | 284 | 0.8 | 140 | 0.12 | 1 | 26 | 0.01 | 0.05 | 0.11 | 0.03 |
| 12600077 | 1670 | 70 | 40 | 75 | | | 457 | 0 | 2400 | 0.2 | 345 | 225 | | | | |
| 12600077 | 686 | 30 | 12 | 10 | | | 438 | 0.4 | 815 | 0.4 | 100 | 58 | | | | |
| 12600077 | 3150 | 100 | 130 | 180 | | | 671 | 0 | 4900 | 0.3 | 5.3 | 320 | | | | |
| 12600077 | 3210 | 100 | 90 | 180 | | | 683 | 0 | 4960 | 0.5 | 12 | 600 | | | | |
| 12600077 | 2820 | 75 | 60 | 155 | | | 768 | | 4390 | 0.1 | 5 | 530 | | | | |
| 12600077 | 2520 | 70 | 50 | 140 | | | 727 | 0 | 4200 | 0.2 | 28 | 2 | | | | |
| 12600077 | 2990 | 80 | 60 | 170 | | | 817 | 0 | 4430 | 0.3 | 6.4 | 440 | | | | |
| 12600077 | 3270 | 95 | 70 | 180 | | | 727 | 0 | 4900 | 0.4 | 47 | 560 | | | | |
| 12600077 | 585 | 61 | 21 | 35 | | | 22 | 0 | 830 | 0.1 | 380 | 125 | | | | |
| 12600077 | 1980 | 55 | 45 | 80 | | | 597 | 0 | 2930 | 0.5 | 70 | 200 | | | | |
| 12600077 | 1950 | 70 | 40 | 85 | | | 790 | 1.3 | 3050 | 0.5 | 40 | 200 | | | | |
| 12600077 | 1500 | 78 | 52 | 55 | 0.99 | 0.66 | 455 | 0.3 | 2200 | 0.4 | 6 | 115 | | | | |
| 12600077 | 555 | 19 | 15 | 8 | | | 468 | 4.7 | 595 | 0.5 | 11 | 68 | | | | |
| 12600077 | 550 | 24 | 6 | 5 | | | 464 | 5.8 | 592 | 0.8 | 9.3 | 90 | | | | |
| 12600077 | 450 | 24 | 6 | 7 | | | 461 | 0 | 565 | 0.7 | 16 | 68 | | | | |
| 12600077 | 3321.8 | 92.5 | 49.9 | 159.7 | 0 | 0 | 682.1 | 35.8 | 4709 | 0.47 | 5 | 724 | | | | |
| 12600077 | 3719.3 | 89 | 63 | 190.4 | 0 | 0 | 782.8 | 21.4 | 5552 | 0.83 | 26 | 753.5 | | | | |
| 12600077 | 3162.2 | 73.5 | 44.2 | 145.4 | 0.01 | 0.02 | 790.8 | 34 | 4408 | 0.69 | 17.1 | 653.6 | 0 | 0 | 1.6 | 0 |
| 12600077 | 2345 | 63.8 | 36.3 | 106.1 | 0 | 0.03 | 665.4 | 12.3 | 3227 | 0.98 | 9 | 502.2 | 0.03 | 0 | 1.3 | 0.02 |
| 12600077 | 2934 | 62.8 | 43 | 141.4 | 0.01 | 0 | 816.5 | 8.8 | 3938 | 1.02 | 36.2 | 743.7 | 0 | 0 | 1.6 | 0 |
| 12600077 | 547 | 17.4 | 58 | 44.9 | 0 | 0.2 | 278.4 | 1.6 | 794 | 1.08 | 7 | 155.2 | 0.06 | 0 | 0.4 | 0.01 |
| 12600078 | 267 | | 10 | 17 | | | 244 | | 330 | 0.5 | | 11 | | | | |
| 12600079 | 406 | | 6 | 22 | | | 310 | | 496 | 0.4 | | 36 | | | | |
| 12600080 | 269 | | 0 | 17 | | | 215 | | 308 | 0.5 | | 41 | | | | |
| 12600082 | 140 | | 22 | 24 | | | 249 | | 160 | 0.05 | | 26 | | | | |
| 12600082 | 220 | 8 | 24 | 18 | | | 388 | | 205 | | | 15 | | | | |
| 12600082 | 185 | 14 | 6 | 9.4 | | | 266 | 4 | 162 | 0.6 | 19 | 12 | | | | |
| 12600082 | 184 | 10 | 5 | 10 | | | 275 | 1.2 | 155 | 0.5 | 11 | 5 | | | | |
| 12600082 | 171.7 | 4.1 | 50.3 | 45.6 | 0 | 0.18 | 299.7 | 5.1 | 285.3 | 0.21 | 0.7 | 20.5 | | | | |
| 12600082 | 156.5 | 3.8 | 48.2 | 44.9 | 0 | 0.26 | 309.8 | 4 | 262 | 0.19 | 0 | 23.2 | 0 | 0 | 0.1 | 0.01 |
| 12600082 | 146.1 | 2.8 | 50.1 | 46.5 | 0 | 0 | 309.7 | 1.2 | 238.2 | 0.21 | 0 | 23.1 | 0 | 0 | 0 | 0 |
| 12600083 | 253 | | 3 | 10 | | | 83 | | 352 | 0.3 | | 32 | | | | |
| 12600083 | 170 | 9.5 | 6 | 8 | | | 273 | 0.6 | 145 | 0.4 | 3.7 | 10 | | | | |
| 12600083 | 172 | 8.5 | 5 | 9 | | | 248 | 4.1 | 140 | 0.4 | 0 | 22 | | | | |
| 12600083 | 162 | 9 | 4.5 | 8 | | | 242 | 1.1 | 152 | 0 | 0.8 | 14 | | | | |
| 12600083 | 169 | 8 | 4.5 | 8 | | | 264 | 2.1 | 150 | 0.1 | 0.2 | 12 | | | | |
| 12600083 | 149 | 12 | 3.5 | 8.5 | | | 230 | 0.7 | 117 | 0.5 | 3.7 | 8 | | | | |
| 12600083 | 145 | 7 | 4 | 7 | | | 242 | 3.1 | 106 | 0.3 | 1.1 | 8 | | | | |
| 12600083 | 155 | 8.5 | 4.5 | 8 | | | 259 | 1.5 | 120 | 0.3 | 10 | 7 | | | | |
| 12600083 | 153 | 7 | 4 | 7 | | | 251 | 1.2 | 128 | 0.3 | 0 | 9 | | | | |

Refer to DNRM Groundwater Database Metadata, Data Dictionary Standards Summary (November 2013) for GW Bore Search Results Explanation

| RN | NA | K | CA | MG | FE | MN | HCO3 | CO3 | CL | F | NO3 | SO4 | ZN | AL | B | CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600083 | 150 | 6 | 4 | 7 | | | 232 | 0.6 | 128 | 0.2 | 14 | 11 | | | | |
| 12600083 | 173 | 7.5 | 6.5 | 8.5 | | | 255 | 1.6 | 150 | 0.3 | 1 | 12 | | | | |
| 12600083 | 170 | 8 | 13 | 9 | | | 270 | 6.2 | 160 | 0.3 | 1 | 12 | | | | |
| 12600083 | 180 | 8.3 | 4.5 | 9.2 | 0.01 | 0.01 | 235 | 7.2 | 160 | 0.3 | 1.5 | 14 | | | | |
| 12600083 | 159.4 | 7.8 | 3.5 | 6.9 | 0 | 0 | 231.6 | 3.4 | 125 | 0.32 | 3.6 | 8.8 | | | | |
| 12600083 | 158.1 | 7.1 | 4 | 7.7 | 0.59 | 0.12 | 233.3 | 1.6 | 136.2 | 0.3 | 0 | 11.5 | 0.02 | 0.01 | 0.2 | 0.01 |
| 12600083 | 159.2 | 8.1 | 3.9 | 7.5 | 0.14 | 0 | 239.2 | 0.9 | 128.9 | 0.32 | 0.5 | 10.3 | 0.02 | 0 | 0.2 | 0 |
| 12600084 | 84 | 18.7 | 17 | 6.5 | 0 | 0 | 187.6 | 0.4 | 72.1 | 0.12 | 6.7 | 12.8 | | | | |
| 12600084 | 278 | 6.7 | 28.8 | 20.6 | 0 | 0.05 | 369.9 | 7.3 | 276.5 | 0.3 | 5.2 | 57.4 | 0.02 | 0 | 0.1 | 0.01 |
| 12600084 | 1062 | 12.5 | 287.2 | 192.5 | 0.01 | 0.44 | 326.8 | 1 | 2089 | 0.14 | 0 | 553.5 | 0 | 0 | 0.1 | 0.01 |
| 12600084 | 1037 | 10.7 | 271.8 | 182.5 | 0 | 0.38 | 318.7 | 2.8 | 2050 | 0.15 | 0 | 537.4 | 0 | 0 | 0.1 | 0 |
| 12600203 | 1676.6 | 0.5 | 94.4 | 85.1 | 0 | 0.09 | 769.3 | 6.2 | 2488 | 0.43 | 0 | 31 | 0 | 0 | 0.1 | 0 |
| 12600353 | 5349 | 161.1 | 321.8 | 721.4 | 0 | 5.08 | 212.4 | 1.2 | 9505 | 0 | 0 | 1630 | | | | |
| 12600353 | 64.1 | 7.9 | 38.7 | 3.1 | 0.01 | 0 | 71.7 | 1.3 | 103.9 | 0.01 | 0.8 | 44.9 | | | | |
| 12600353 | 68.9 | 5.1 | 13.1 | 9.7 | 0.01 | 0.25 | 2.8 | 0 | 113.9 | 0.03 | 0 | 64.6 | | | | |
| 12600353 | 140 | 18 | 140 | 3 | | | 1.6 | 46.3 | 180 | | | 128 | | | | |
| 12600353 | 3100 | 120 | 475 | 100 | | | 12 | 1.9 | 5370 | | | 760 | | | | |
| 12600353 | 26 | 2.6 | 25 | 6.8 | | | 90 | 0.1 | 37 | 0.1 | 10 | 18 | | | | |
| 12600353 | 3510 | 110 | 350 | 310 | | | 189 | 0 | 6100 | 0.1 | 8.2 | 960 | | | | |
| 12600353 | 5000 | 120 | 330 | 710 | | | 171 | | 9200 | | 4 | 1720 | | | | |
| 12600353 | 13 | 0.7 | 7.7 | 1.8 | | | 18 | 0 | 20 | 0 | 2.1 | 5 | | | | |
| 12600353 | 19 | 2.7 | 13 | 7 | | | 49 | 0.1 | 30 | 0.2 | 8.7 | 9 | | | | |
| 12600353 | 54 | 2.5 | 47 | 16 | | | 127 | 0.4 | 126 | 0.1 | 4.5 | 14 | | | | |
| 12600353 | 21 | 1 | 24 | 6 | | | 89 | 0.6 | 31 | 0.1 | 1.4 | 12 | | | | |
| 12600353 | 49 | 4.8 | 31 | 14 | | | 121 | 0.4 | 80 | 0.2 | 10 | 28 | | | | |
| 12600353 | 1390 | 32 | 154 | 196 | | | 41 | 0 | 2620 | 0.1 | 1.7 | 450 | | | | |
| 12600353 | 432 | 16 | 88 | 62 | | | 169 | 0.2 | 851 | 0.2 | 6 | 135 | | | | |
| 12600353 | 5400 | 170 | 340 | 800 | | | 232 | 0 | 9800 | 0 | 0 | 1600 | | | | |
| 12600353 | 25 | 0.8 | 3.7 | 2.9 | | | 13 | 0 | 38 | 0 | 1 | 14 | | | | |
| 12600353 | 5100 | 130 | 360 | 710 | | | 222 | 0 | 9350 | | 2 | 1600 | | | | |
| 12600353 | 4300 | 170 | 600 | 2.5 | | | 15.1 | 246.6 | 7250 | | | 353 | | | | |
| 12600353 | 4600 | 160 | 750 | 10 | | | 2 | 158 | 7790 | | | 540 | | | | |
| 12600353 | 97 | 15 | 73 | 0.3 | | | 11 | 25 | 122 | | | 159 | | | | |
| 12600353 | 2933 | 100 | 500 | 113 | | | 37 | | 5380 | | | 848 | | | | |
| 12600353 | 62 | 12 | 70 | 3.6 | | | 70 | | 84 | | 11 | 140 | | | | |
| 12600353 | 3060 | 100 | 550 | 110 | | | 110 | | 5380 | | | 800 | | | | |
| 12600353 | 4770 | 150 | 760 | 10 | | | 5.6 | 259 | 8060 | | | 500 | | | | |
| 12600353 | 4800 | 170 | 680 | 5 | | | 0 | 36 | 8000 | 0.7 | 0 | 344 | | | | |
| 12600353 | 53 | 1.8 | 33 | 19 | | | 156 | 0.1 | 98 | 0.1 | 10 | 2 | | | | |
| 12600353 | 3100 | 110 | 520 | 105 | | | 37 | 0 | 5440 | 0.4 | 19 | 650 | | | | |
| 12600353 | 4780 | 150 | 815 | 20 | | | 0 | 36 | 8400 | 1 | 3.7 | 600 | | | | |
| 12600353 | 61 | 8.4 | 46 | 17 | | | 182 | 0.2 | 80 | 0.5 | 12 | 50 | | | | |
| 12600353 | 2910 | 65 | 550 | 110 | | | 673 | 0 | 5250 | 0.8 | 10 | 680 | | | | |
| 12600353 | 5000 | 180 | 880 | 10 | | | 0 | 36 | 8450 | 0.7 | 2.7 | 650 | | | | |
| 12600353 | 40 | 13 | 40 | 17 | | | 182 | 0.4 | 48 | 0.9 | 12 | 52 | | | | |
| 12600353 | 2850 | 100 | 520 | 100 | | | 73 | 0 | 4920 | 0.7 | 7.5 | 750 | | | | |
| 12600353 | 144 | 18 | 93 | 9 | | | 225 | 6 | 235 | 0.2 | 3.5 | 75 | | | | |
| 12600353 | 3150 | 110 | 560 | 130 | | | 152 | 0 | 5480 | 0.6 | 13 | 800 | | | | |
| 12600353 | 4300 | 170 | 600 | 2.5 | | | 2.9 | 246.6 | 7250 | | | 353 | | | | |
| 12600353 | 16 | 0.8 | 23 | 2.4 | | | 73 | 0.1 | 25 | 0 | 5.7 | 5 | | | | |
| 12600353 | 33 | 1.6 | 33 | 10 | | | 121 | 0.3 | 60 | 0.1 | 2.8 | 22 | | | | |
| 12600353 | 50 | 7.6 | 33 | 17 | | | 164 | 0.3 | 72 | 0.1 | 1 | 28 | | | | |
| 12600353 | 20 | 1.2 | 9.8 | 4.2 | | | 37 | 0 | 30 | 0.1 | 8.8 | 5 | | | | |
| 12600353 | 54 | 8 | 50 | 16 | | | 209 | 2.1 | 70 | 0.2 | 7 | 24 | | | | |
| 12600353 | 3860 | 100 | 250 | 550 | | | 128 | 0 | 7070 | 0.1 | 0.4 | 1180 | | | | |
| 12600353 | 138 | 3 | 45 | 24 | | | 124 | 0.3 | 250 | 0 | 2 | 41 | | | | |
| 12600353 | 30 | 2 | 12 | 9 | | | 33 | 0 | 48 | 0.1 | 5 | 49 | | | | |
| 12600353 | 5000 | 130 | 300 | 700 | | | 216 | 0 | 9420 | 0 | 0 | 1440 | | | | |
| 12600353 | 5100 | 135 | 340 | 700 | | | 225 | 0.5 | 9700 | 0 | 1.5 | 1700 | | | | |
| 12600353 | 4850 | 120 | 365 | 690 | 0.44 | 0.01 | 210 | 1.9 | 8800 | 0.1 | 25 | 1700 | | | | |
| 12600353 | 28 | 3.2 | 20 | 8.3 | 1.1 | 0.01 | 110 | 0.2 | 32 | 0.1 | 3.8 | 6 | | | | |
| 12600353 | 35.5 | 1.1 | 14 | 6 | 0 | 0 | 51 | 0.1 | 53 | 0.2 | 1.8 | 13 | | | | |
| 12600353 | 102 | 3 | 47 | 16 | | | 115 | 1.4 | 204 | 0.2 | 5 | 28 | | | | |
| 12600353 | 360 | 25 | 20 | 37 | | | 49 | 0 | 560 | 0.3 | 200 | 70 | | | | |
| 12600353 | 22 | 0.6 | 1.9 | 1.2 | | | 22 | 0.1 | 26 | 0.1 | 1 | 7 | | | | |

Refer to DNRM Groundwater Database Metadata, Data Dictionary Standards Summary (November 2013) for GW Bore Search Results Explanation

| RN | NA | K | CA | MG | FE | MN | HCO3 | CO3 | CL | F | NO3 | SO4 | ZN | AL | B | CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600353 | 76 | 1.3 | 15.5 | 10 | 0.01 | 0.01 | 63 | 0.3 | 110 | 0.1 | 1.1 | 29 | | | | |
| 12600353 | 4050 | 200 | 370 | 630 | 0.2 | 0.2 | 205 | 2.1 | 8700 | 0.1 | 5.4 | 140 | | | | |
| 12600353 | 56 | 10 | 30 | 22 | 0.1 | 0.01 | 105 | 0.1 | 86 | 0.2 | 8 | 96 | | | | |
| 12600353 | 59 | 5.2 | 22 | 15 | | | 84 | 0.1 | 97 | 0.2 | 5 | 45 | | | | |
| 12600353 | 48 | 2.3 | 23 | 11 | | | 55 | 0.1 | 97 | 0.1 | 2 | 25 | | | | |
| 12600353 | 54 | 2.3 | 13 | 7 | 0.17 | 0.01 | 63 | 0.1 | 67 | 0.1 | 2.5 | 26.5 | | | | |
| 12600353 | 33 | 1.5 | 22 | 8.5 | 0.02 | 0.01 | 115 | 0.2 | 41 | 0.1 | 0.6 | 4.9 | | | | |
| 12600353 | 4600 | 120 | 345 | 630 | 0.19 | 0 | 230 | 1.9 | 8700 | 0 | 0 | 1500 | | | | |
| 12600353 | 60.2 | 4.9 | 9.6 | 7 | 0.03 | 0.04 | 18.6 | 0 | 76.5 | 0 | 0 | 62.6 | 0.01 | 0.05 | 0.1 | 0.01 |
| 12600353 | 42.5 | 4 | 6.1 | 4.2 | 0.02 | 0.03 | 25.7 | 0 | 53.6 | 0 | 0 | 39.9 | 0 | 0.02 | 0.1 | 0.01 |
| 12600353 | 4581 | 131.9 | 290.7 | 656.1 | 0 | 4.29 | 202.7 | 0.2 | 8275 | 0 | 0 | 1422 | 0.01 | 0 | 1.4 | 0 |
| 12600353 | 4770 | 150 | 760 | 10 | | | 5.6 | 259 | 8060 | 0.88 | 0 | 520 | | | | |
| 12600353 | 97 | 15 | 73 | 0.3 | | | 11 | 25 | 122 | 0.14 | 0 | 159 | | | | |
| 12600353 | 4600 | 160 | 750 | 10 | | | 2 | 158 | 7790 | 0 | 0 | 540 | | | | |
| 12600353 | 4300 | 170 | 600 | 2.5 | | | 2.9 | 246.6 | 7250 | | 0 | 353 | | | | |
| 12600353 | 62 | 12 | 70 | 3.6 | | | 70 | | 84 | 0.66 | 11 | 140 | | | | |
| 12600353 | 3060 | 100 | 550 | 110 | | | 110 | | 5380 | 0.84 | 0 | 806 | | | | |
| 12600353 | 2933 | 100 | 500 | 113 | | | 37 | | 5380 | 0 | 0 | 848 | | | | |
| 12600353 | 140 | 18 | 140 | 8 | | | 1.6 | 46.3 | 180 | 0 | 0 | 128 | | | | |
| 12600353 | 34.2 | 3 | 6.3 | 6.6 | 1.44 | 0 | 58.8 | 0 | 45.3 | 0.12 | 1.2 | 4.1 | 0.02 | 0 | 0.1 | 0 |
| 12600353 | 59.9 | 3 | 4.9 | 8.1 | 0 | 0 | 39.4 | 0 | 89.9 | 0.02 | 0.7 | 16 | 0.02 | 0 | 0.1 | 0.01 |
| 12600353 | 5271 | 138.8 | 335.9 | 789 | 0 | 5.1 | 224.6 | 1 | 9770 | 0.01 | 0 | 1680 | 0.01 | 0 | 1.6 | 0.09 |
| 12600354 | 526 | 16 | 46 | 54 | | | 497 | 1.3 | 770 | 0.5 | 0.3 | 67 | | | | |
| 12600354 | 93 | 7.8 | 33 | 13 | | | 243 | 0.6 | 75 | 0.1 | 6.2 | 34 | | | | |
| 12600354 | 648 | 24 | 76 | 36 | | | 446 | 2.4 | 900 | 0.6 | 3 | 197 | | | | |
| 12600354 | 355 | 14 | 35 | 20 | | | 287 | 1.4 | 451 | 0.6 | 16 | 78 | | | | |
| 12600354 | 480 | 18 | 25 | 38 | | | 219 | 1.5 | 670 | | | 56 | | | | |
| 12600354 | 4800 | 150 | 330 | 600 | | | 210 | | 8980 | | | 1232 | | | | |
| 12600354 | 960 | 138 | 120 | 34 | | | 163 | | 1564 | | | 270 | | | | |
| 12600354 | 469 | 12 | 30 | 41 | | | 315 | | 740 | | | 15 | | | | |
| 12600354 | 453 | 15 | 23 | 42 | | | 303 | 0.7 | 660 | 0.5 | 0 | 33 | | | | |
| 12600354 | 1070 | 30 | 70 | 32 | | | 293 | 0 | 1500 | 1 | 0 | 250 | | | | |
| 12600354 | 454 | 13 | 24 | 38 | | | 304 | 1.7 | 700 | 0.3 | 2.7 | 35 | | | | |
| 12600354 | 846 | 24 | 50 | 24 | | | 348 | 1.5 | 1150 | 1.4 | 0 | 181 | | | | |
| 12600354 | 472 | 15 | 29 | 39 | | | | | | | 0 | 0 | | | | |
| 12600354 | 2130 | 60 | 130 | 160 | | | 515 | 0 | 3340 | 2.2 | 6.6 | 520 | | | | |
| 12600354 | 450 | 14 | 23 | 41 | | | 294 | 2.2 | 675 | 0.4 | 1.1 | 32 | | | | |
| 12600354 | 846 | 24 | 50 | 24 | | | 348 | 1.5 | 1150 | 1.4 | 0 | 181 | | | | |
| 12600354 | 404 | 19 | 17 | 30 | | | 237 | 0.4 | 575 | 0.2 | 5.3 | 70 | | | | |
| 12600354 | 548 | 20 | 34 | 22 | | | 317 | 2.8 | 670 | 0.3 | 24 | 116 | | | | |
| 12600354 | 830 | 27 | 56 | 34 | | | 408 | 3.1 | 1140 | 0.5 | 4 | 175 | | | | |
| 12600354 | 236 | 13 | 9 | 16 | | | 115 | 0.3 | 340 | 0.2 | 29 | 38 | | | | |
| 12600354 | 341 | 20 | 9 | 23 | | | 121 | 0.3 | 470 | 0.2 | 116 | 58 | | | | |
| 12600354 | 361 | 17 | 11 | 22 | | | 223 | 1.3 | 490 | 0.1 | 0.5 | 59 | | | | |
| 12600354 | 457 | 16 | 6.2 | 32 | | | 135 | 1.1 | 610 | 0.2 | 98 | 68 | | | | |
| 12600354 | 300 | 18 | 60 | 17 | | | 218 | 1.4 | 400 | 0.3 | 114 | 70 | | | | |
| 12600354 | 398 | 19 | 18 | 29 | | | 222 | 0.6 | 590 | 0.2 | 3 | 75 | | | | |
| 12600354 | 422 | 17 | 16 | 29 | | | 214 | 0.7 | 593 | 0.2 | 25 | 74 | | | | |
| 12600354 | 410 | 19 | 18 | 34 | | | 163 | 0.4 | 620 | 0.2 | 70 | 75 | | | | |
| 12600354 | 360 | 25 | 20 | 37 | | | 49 | 0 | 560 | 0.3 | 200 | 70 | | | | |
| 12600354 | 620 | 24 | 33 | 70 | 0.2 | 0.01 | 210 | 1.7 | 940 | 0.2 | 30 | 155 | | | | |
| 12600354 | 490 | 23 | 25 | 50 | 0.01 | 0.01 | 170 | 1.5 | 790 | 0.2 | 20 | 90 | | | | |
| 12600354 | 500 | 23 | 23 | 52 | 0.03 | 0.27 | 165 | 0.5 | 800 | 0.2 | 39 | 98 | | | | |
| 12600354 | 1600 | 50 | 90 | 135 | | | 396 | 0 | 2640 | 0.5 | 20 | 370 | | | | |
| 12600354 | 110 | 9 | 30 | 7 | | | 110 | 0.1 | 110 | 0.3 | 80 | 31 | | | | |
| 12600354 | 1950 | 51 | 94 | 160 | 1.3 | 0.13 | 340 | 5.9 | 3150 | 0.7 | 6 | 440 | | | | |
| 12600354 | 2150 | 54 | 105 | 190 | 0.01 | 0.01 | 360 | 3.7 | 3500 | 0.6 | 15 | 470 | | | | |
| 12600354 | 1750 | 50 | 70 | 130 | 0.09 | 0 | 315 | 1.5 | 2850 | 0.7 | 38 | 405 | | | | |
| 12600354 | 480 | 18 | 25 | 38 | | | 332 | 1.5 | 670 | | 0 | 56 | | | | |
| 12600354 | 469 | 12 | 30 | 41 | | | 315 | | 740 | 0.57 | 0 | 15 | | | | |
| 12600354 | 960 | 38 | 120 | 34 | | | 163 | | 1564 | 0.49 | 0 | 270 | | | | |
| 12600354 | 4800 | 150 | 330 | 600 | | | 210 | | 8980 | 0.2 | 0 | 1232 | | | | |
| 12600355 | 739 | 16.5 | 17.6 | 25.5 | 0 | 1.45 | 290.1 | 13.5 | 926.5 | 0.34 | 0.9 | 153.8 | | | | |
| 12600355 | 1698.9 | 44.5 | 194.9 | 305.6 | 0 | 0.03 | 83.9 | 1.1 | 2837.4 | 1.25 | 4.8 | 1574.2 | | | | |
| 12600355 | 150 | 7.3 | 5.5 | 5 | | | 121 | 0.5 | 190 | 0.1 | 1.1 | 10 | | | | |

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| RN | NA | K | CA | MG | FE | MN | HCO3 | CO3 | CL | F | NO3 | SO4 | ZN | AL | B | CU |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12600355 | 14 | 2.6 | 2 | 1.2 | | | 22 | | 20 | 0.1 | 4.7 | 1.5 | | | | |
| 12600355 | 341 | 13 | 9 | 10 | | | 312 | 0.5 | 400 | 0.2 | 8.6 | 15 | | | | |
| 12600355 | 377 | 15 | 33 | 15 | | | 251 | 2.4 | 470 | 0.2 | 0 | 68 | | | | |
| 12600355 | 343 | 12 | 9 | 11 | | | 284 | 10 | 405 | 0.1 | 0.1 | 28 | | | | |
| 12600355 | 338 | 12 | 9 | 10 | | | 283 | 1.8 | 405 | 0.1 | 1.2 | 18 | | | | |
| 12600355 | 380 | 15 | 25 | 24 | | 0.01 | 260 | 7.4 | 465 | 0.3 | 13 | 135 | | | | |
| 12600355 | 450 | 16 | 43 | 40 | | | 360 | | 674 | | | 50 | | | | |
| 12600355 | 370 | 17 | 55 | 1 | | | 14 | 43 | 554 | | | 92 | | | | |
| 12600355 | 654 | 14 | 16 | 22 | | | 327 | | 850 | | | 102 | | | | |
| 12600355 | 339 | 1.2 | 18 | 9 | | | 322 | | 400 | | | | | | | |
| 12600355 | 340 | 14 | 26 | 14 | | | 338 | 4.5 | 410 | 0.3 | 0 | 25 | | | | |
| 12600355 | 340 | 14 | 9.6 | 10 | | | 308 | 1.3 | 385 | 0.2 | 0 | 17 | | | | |
| 12600355 | 274 | 14 | 12 | 15 | | | 236 | 1.3 | 318 | 0.5 | 0 | 45 | | | | |
| 12600355 | 355 | 15 | 15 | 13 | | | 295 | 5.1 | 428 | 0.6 | 6.6 | 40 | | | | |
| 12600355 | 347 | 14 | 9 | 9 | | | 307 | 1.9 | 398 | 0.6 | 0.9 | 25 | | | | |
| 12600355 | 335 | 13 | 10 | 11 | | | 310 | 1.2 | 392 | 0.5 | 0 | 16 | | | | |
| 12600355 | 4.8 | 1 | 0.8 | 0.5 | | | 6.1 | 0 | 8 | 0.1 | 2.8 | 5 | | | | |
| 12600355 | 664 | 17 | 20 | 24 | | | 271 | 1.6 | 860 | 0.4 | 0.6 | 122 | | | | |
| 12600355 | 676 | 14 | 16 | 22 | | | 276 | 2.2 | 920 | 0.1 | 0.4 | 129 | | | | |
| 12600355 | 5.3 | 1.1 | 1.1 | 0.9 | | | 0 | 0 | 18 | 0.1 | 0.8 | 3 | | | | |
| 12600355 | 8.8 | 1.7 | 24 | 3 | | | 91 | 0.3 | 12 | 0.1 | 1.7 | 3 | | | | |
| 12600355 | 350 | 14 | 10 | 12 | | | 306 | 1.2 | 410 | 0.2 | 5.9 | 28 | | | | |
| 12600355 | 390 | 14 | 11 | 16 | | | 285 | 2 | 473 | 0.2 | 0 | 94 | | | | |
| 12600355 | 195 | 12 | 10 | 8 | | | 192 | 0.8 | 187 | 0.3 | 13 | 66 | | | | |
| 12600355 | 4840 | 153 | 210 | 590 | | | 96 | 0 | 8440 | 0.2 | 0 | 1100 | | | | |
| 12600355 | 668 | 12 | 24 | 32 | | | 188 | 1.1 | 970 | 0.2 | 1 | 180 | | | | |
| 12600355 | 960 | 20 | 42 | 50 | | | 275 | 1.9 | 1400 | 0.3 | 7 | 230 | | | | |
| 12600355 | 920 | 18 | 22 | 32 | 0.15 | 0.01 | 285 | 4.8 | 1200 | 0.3 | 7 | 200 | | | | |
| 12600355 | 11 | 4.5 | 2.3 | 1.6 | 0.5 | 0.01 | 4.7 | 0 | 14 | 0.1 | 7.1 | 7.2 | | | | |
| 12600355 | 11 | 4.8 | 2.4 | 1.7 | 0.01 | 0 | 12 | 0 | 16 | 0 | 8 | 11 | | | | |
| 12600355 | 1110 | 25 | 110 | 165 | | | 124 | 0 | 1770 | 0.6 | 0 | 780 | | | | |
| 12600355 | 370 | 14 | 11 | 18 | | | 280 | 2.3 | 470 | 0.3 | 4 | 60 | | | | |
| 12600355 | 380 | 15 | 25 | 24 | 0.05 | 0.01 | 260 | 7.4 | 465 | 0.3 | 13 | 135 | | | | |
| 12600355 | 250 | 14 | 11 | 14 | 0.01 | 0.01 | 130 | 1.5 | 325 | 0.2 | 29 | 62 | | | | |
| 12600355 | 490 | 15 | 23 | 38 | 0 | 0 | 275 | 1.9 | 630 | 0.4 | 3.6 | 180 | | | | |
| 12600355 | 999.4 | 16.8 | 36 | 47.1 | 0.01 | 0 | 273.8 | 8.2 | 1379.9 | 0.28 | 8 | 239.3 | | | | |
| 12600355 | 1013.1 | 18.3 | 35.4 | 48.7 | 0 | 0 | 273.7 | 9.9 | 1410.2 | 0.28 | 1 | 244 | | | | |
| 12600355 | 1304 | 29.8 | 121.2 | 183.7 | 0 | 2.61 | 145 | 0.9 | 1969.6 | 0.8 | 8 | 981.6 | | | | |
| 12600355 | 1775.9 | 42.7 | 198 | 325.9 | 0 | 3.87 | 104.8 | 0.6 | 2863 | 0.72 | 0 | 1569 | | | | |
| 12600355 | 883.8 | 15.4 | 26.8 | 36.9 | 0 | 0 | 292.1 | 4.9 | 1204.3 | 0.32 | 0 | 189.4 | 0 | 0 | 0.3 | 0.01 |
| 12600355 | 1330.5 | 31.2 | 136.1 | 216.7 | 0 | 2.59 | 153.5 | 1.6 | 2004.6 | 0.75 | 1.6 | 1116.3 | 0.09 | 0.01 | 0.9 | 0.01 |
| 12600355 | 1180 | 26.8 | 105.4 | 166.3 | 0.01 | 2.04 | 187.4 | 0.4 | 1651 | 0.69 | 0 | 942.8 | 0.06 | 0.01 | 0.7 | 0.01 |
| 12600355 | 988.1 | 16.7 | 32.3 | 43.2 | 0 | 0 | 306.8 | 2.5 | 1310 | 0.32 | 0 | 233 | 0.02 | 0 | 0.3 | 0.26 |
| 12600355 | 790.2 | 15 | 21.7 | 30.3 | 0 | 0.28 | 306.1 | 1.4 | 1049 | 0.31 | 0 | 156 | 0 | 0.01 | 0.3 | 0.01 |
| 12600355 | 339 | 12 | 18 | 9 | | | 322 | | 400 | 0.45 | 0 | 0 | | | | |
| 12600355 | 370 | 17 | 55 | 1 | | | 14 | 43 | 554 | 0.9 | 0 | 92 | | | | |
| 12600355 | 654 | 14 | 16 | 22 | | | 327 | | 850 | 0.69 | 0 | 102 | | | | |
| 12600355 | 335 | 14 | 4.5 | 2 | | | 100 | 25 | 420 | | 0 | 42 | | | | |
| 12600355 | 700 | 16 | 19 | 27 | | | 289 | 1.6 | 905 | | 0 | 130 | | | | |
| 12600355 | 450 | 16 | 43 | 40 | | | 360 | | 675 | 0.36 | 0 | 50 | | | | |
| 12600551 | 5200 | 170 | 310 | 600 | 0.01 | 3.2 | 340 | 1 | 9100 | 0.02 | 0.1 | 1900 | 0.05 | 3.8 | 1.7 | 0.01 |
| 12600552 | 1600 | 100 | 130 | 240 | 0.01 | 1.2 | 500 | 1 | 3000 | 0.84 | 0.1 | 380 | 0.02 | 0.91 | 1 | 0.01 |
| 12600553 | 4900 | 170 | 220 | 470 | 0.01 | 3.2 | 330 | 1 | 8200 | 0.02 | 0.1 | 1500 | 0.15 | 4 | 1.7 | 0.01 |
| 12600554 | 730 | 64 | 110 | 100 | 0.01 | 0.67 | 860 | 1 | 1200 | 0.71 | 0.3 | 94 | 0.02 | 0.36 | 0.77 | 0.01 |
| 12600555 | 8500 | 260 | 500 | 920 | 0.01 | 3.6 | 420 | 1 | 14000 | 0.02 | 0.1 | 2600 | 0.19 | 4.3 | 2.6 | 0.01 |
| 12600556 | 2400 | 110 | 210 | 360 | 0.01 | 2.6 | 1200 | 1 | 4400 | 0.02 | 0.1 | 730 | 0.03 | 1.8 | 1.2 | 0.01 |
| 12600595 | 542 | 7.5 | 125 | 85 | 0.01 | 1 | 349 | 0.9 | 920 | 0.2 | 5 | 237 | 0.02 | 0.05 | 0.15 | 0.03 |
| 12600596 | 283 | 4.9 | 162 | 136 | 0.01 | 0.9 | 259 | 0.7 | 890 | 0.3 | 5 | 80 | 0.01 | 0.05 | 0.05 | 0.04 |
| 12600597 | 157 | 11 | 16 | 20 | 0.01 | 0.01 | 265 | 1.6 | 170 | 0.23 | 0.5 | 17.4 | 0.01 | 0.05 | 0.15 | 0.03 |

| RN | PIPE | RDATE | SAMP_METHOD | SOURCE | DEPTH | CONDUCT |
|---|---|---|---|---|---|---|
| 30946 | A | 16/01/1969 | PU | GB | | 2360 |
| 30946 | A | 15/01/1969 | PU | GB | | 2000 |
| 30946 | A | 23/11/1970 | PU | GB | | 2350 |
| 30946 | A | 24/11/1970 | PU | GB | | 2350 |
| 30946 | A | 6/10/1994 | PU | GB | | 2350 |
| 30946 | A | 24/04/1995 | PU | GB | | 2090 |
| 30946 | A | 24/10/2001 | PU | GB | | 2400 |
| 30946 | A | 22/12/2006 | PU | GB | | 2600 |
| 34508 | A | 23/10/1984 | PU | GB | | 1104 |
| 34508 | A | 12/04/1985 | PU | GB | | 994 |
| 34508 | A | 20/11/2006 | PU | GB | | 4880 |
| 37519 | A | 21/11/1997 | PU | GB | | 1130 |
| 37519 | A | 25/09/2002 | PU | GB | | 1350 |
| 37519 | A | 15/11/2006 | PU | GB | | 2170 |
| 46017 | A | 6/10/1994 | PU | GB | | 3200 |
| 46017 | A | 24/04/1995 | PU | GB | | 2580 |
| 46017 | A | 15/10/1995 | PU | GB | | 3330 |
| 46134 | A | 14/02/1975 | PU | GB | | 1260 |
| 46134 | A | 4/04/1979 | PU | GB | | 1711 |
| 46134 | A | 4/08/2004 | PU | GB | | 2580 |
| 46134 | A | 29/07/2004 | PU | GB | | 2890 |
| 46134 | A | 15/07/2004 | PU | GB | | 2820 |
| 46134 | A | 10/08/2004 | PU | GB | | 3440 |
| 46134 | A | 6/11/2006 | PU | GB | | 2930 |
| 46134 | A | 8/10/2008 | PU | GB | | 1940 |
| 46411 | A | 6/10/1994 | PU | GB | | 970 |
| 46411 | A | 13/04/1995 | PU | GB | | 930 |
| 46411 | A | 24/04/1995 | PU | GB | | 780 |
| 46411 | A | 15/10/1995 | PU | GB | | 750 |
| 46411 | A | 1/11/2001 | PU | GB | | 966 |
| 46411 | A | 15/11/2006 | PU | GB | | 955 |
| 63000 | A | 14/11/1985 | PU | GB | | 890 |
| 63000 | A | 15/11/1985 | PU | GB | | 1000 |
| 63000 | A | 6/10/1994 | PU | GB | | 1180 |
| 63000 | A | 24/04/1995 | PU | GB | | 1240 |
| 63000 | A | 22/12/2006 | PU | GB | | 1764 |
| 81031 | A | 1/06/2007 | PU | GB | | 780 |
| 81031 | A | 10/01/2007 | PU | GB | | 855 |
| 81031 | A | 9/10/2015 | PU | GB | | 655 |
| 81031 | A | 31/08/2015 | PU | GB | | 783 |
| 81031 | A | 3/11/2015 | PU | GB | | 731 |
| 85030 | A | 10/10/1994 | PU | GB | | 580 |
| 105618 | A | 22/05/2007 | PU | GB | | 1337 |
| 105618 | A | 24/11/2006 | PU | GB | | 1256 |
| 105689 | A | 31/05/2007 | PU | GB | | 1112 |
| 105689 | A | 23/02/2007 | PU | GB | | 1111 |
| 131332 | A | 27/11/2006 | PU | GB | | 2640 |
| 141211 | A | 7/06/2007 | XX | GB | 4 | 313 |
| 141212 | A | 7/06/2007 | XX | GB | 4 | 291 |
| 141213 | A | 7/06/2007 | XX | GB | 4 | 328 |
| 141214 | A | 7/06/2007 | XX | GB | 4 | 313 |
| 141215 | A | 7/06/2007 | XX | GB | 4 | 291 |
| 141216 | A | 7/06/2007 | PU | GB | 4 | 288 |
| 141394 | A | 10/09/2008 | PU | GB | 6 | 3680 |
| 141395 | A | 10/09/2008 | PU | GB | 6 | 3680 |
| 141414 | A | 30/07/2008 | PU | GB | 8 | 2080 |
| 141789 | A | 18/08/2006 | PU | GB | 9 | 576 |
| 12500275 | A | 14/10/2011 | AI | GB | | 701 |
| 12500275 | A | 7/02/2012 | PU | GB | | 702 |
| 12500275 | A | 20/05/2015 | | | | 677 |
| 12500275 | A | 10/05/2013 | | | | 690 |
| 12500275 | A | 10/01/2012 | PU | GB | | 700 |
| 12500275 | A | 22/10/2013 | PU | GB | | 679 |
| 12500275 | A | 1/04/2014 | PU | GB | | 680 |
| 12500276 | A | 15/10/2011 | AI | GB | | 824 |
| 12500276 | A | 7/02/2012 | AI | GB | | 860 |
| 12500276 | A | 20/05/2015 | | | | 986 |
| 12500276 | A | 10/05/2013 | | | | 930 |
| 12500276 | A | 10/01/2012 | PU | GB | | 849 |
| 12500276 | A | 22/10/2013 | PU | GB | | 992 |
| 12500276 | A | 1/04/2014 | PU | GB | | 999 |
| 12500277 | A | 15/10/2011 | AI | GB | | 1026 |
| 12500277 | A | 7/02/2012 | AI | GB | | 945 |
| 12500277 | A | 20/05/2015 | | | | 986 |
| 12500277 | A | 10/05/2013 | | | | 1450 |
| 12500277 | A | 10/01/2012 | PU | GB | | 914 |
| 12500277 | A | 22/10/2013 | PU | GB | | 989 |
| 12500277 | A | 1/04/2014 | PU | GB | | 1180 |
| 12600077 | A | 9/09/1999 | PG | GB | | 3510 |
| 12600077 | A | 7/07/1970 | | GB | | 6750 |
| 12600077 | A | 24/11/1970 | | GB | | 8600 |
| 12600077 | A | 13/05/1971 | | GB | | 6900 |
| 12600077 | A | 4/08/1971 | | GB | | 8700 |
| 12600077 | A | 11/10/1972 | | GB | | 2400 |
| 12600077 | A | 24/05/1977 | | GB | | 4900 |
| 12600077 | A | 22/02/1978 | | GB | | 14500 |
| 12600077 | A | 22/02/1979 | | GB | | 12000 |
| 12600077 | A | 26/09/1979 | | GB | | 8700 |
| 12600077 | A | 20/03/1980 | | GB | | 13000 |
| 12600077 | A | 30/05/1980 | | GB | | 13500 |
| 12600077 | A | 9/10/1980 | | GB | | 15300 |
| 12600077 | A | 19/03/1981 | | GB | | 3600 |
| 12600077 | A | 23/03/1983 | PU | GB | | 9000 |
| 12600077 | A | 23/05/1986 | | GB | | 5900 |
| 12600077 | A | 21/11/1986 | PU | GB | | 7800 |
| 12600077 | A | 20/03/1987 | PU | GB | | 7500 |
| 12600077 | A | 25/08/1992 | AI | GB | | 13340 |
| 12600077 | A | 1/08/1976 | PU | GB | | 2650 |

| RN | PIPE | RDATE | SAMP_METHOD | SOURCE | DEPTH | CONDUCT |
|---|---|---|---|---|---|---|
| 12600077 | A | 1/09/1976 | PU | GB | | 2850 |
| 12600077 | A | 1/11/1976 | PU | GB | | 2450 |
| 12600077 | A | 20/11/1987 | PU | GB | | 6000 |
| 12600077 | A | 25/08/1993 | AI | GB | | 16360 |
| 12600077 | A | 9/01/1995 | AI | GB | | 1370 |
| 12600077 | A | 18/06/1996 | AI | GB | | 7840 |
| 12600077 | A | 2/10/1997 | PU | GB | | 6340 |
| 12600077 | A | 20/10/2004 | PU | GB | | 6430 |
| 12600077 | A | 3/11/2006 | PU | GB | | 5590 |
| 12600077 | A | 18/01/2007 | PU | GB | | 1660 |
| 12600078 | A | 7/07/1970 | | GB | | 2800 |
| 12600078 | A | 24/11/1970 | | GB | | 5400 |
| 12600078 | A | 1/04/1975 | | GB | | 470 |
| 12600078 | A | 25/09/1975 | | GB | | 485 |
| 12600078 | A | 23/05/1986 | | GB | | 11300 |
| 12600078 | A | 21/11/1986 | PU | GB | | 11000 |
| 12600078 | A | 20/03/1987 | PU | GB | | 11100 |
| 12600078 | A | 20/11/1987 | PU | GB | | 11000 |
| 12600079 | A | 7/07/1970 | | GB | | 2050 |
| 12600079 | A | 29/11/1970 | | GB | | 2025 |
| 12600079 | A | 11/07/1973 | | GB | | 2500 |
| 12600079 | A | 23/05/1986 | | GB | | 7600 |
| 12600079 | A | 21/11/1986 | PU | GB | | 7500 |
| 12600079 | A | 20/03/1987 | PU | GB | | 7500 |
| 12600079 | A | 20/11/1987 | PU | GB | | 7600 |
| 12600080 | A | 7/07/1970 | | GB | | 5550 |
| 12600080 | A | 11/07/1973 | | GB | | 6200 |
| 12600080 | A | 24/03/1975 | | GB | | 650 |
| 12600080 | A | 23/05/1986 | | GB | | 9250 |
| 12600080 | A | 14/11/1986 | PU | GB | | 415 |
| 12600080 | A | 21/11/1986 | PU | GB | | 9300 |
| 12600080 | A | 20/03/1987 | PU | GB | | 9200 |
| 12600080 | A | 20/11/1987 | PU | GB | | 9250 |
| 12600081 | A | 7/07/1970 | | GB | | 6500 |
| 12600081 | A | 24/11/1970 | | GB | | 5800 |
| 12600081 | A | 11/07/1973 | | GB | | 8300 |
| 12600081 | A | 23/05/1986 | PU | GB | | 21300 |
| 12600081 | A | 21/11/1986 | PU | GB | | 21200 |
| 12600081 | A | 20/03/1987 | PU | GB | | 21000 |
| 12600081 | A | 20/11/1987 | PU | GB | | 21000 |
| 12600081 | A | 17/04/2003 | PU | GB | | 1250 |
| 12600082 | A | 7/07/1970 | | GB | | 5650 |
| 12600082 | A | 23/11/1970 | | GB | | 3200 |
| 12600082 | A | 13/05/1971 | | GB | | 653 |
| 12600082 | A | 4/08/1971 | | GB | | 885 |
| 12600082 | A | 9/03/1972 | | GB | | 1550 |
| 12600082 | A | 29/06/1972 | | GB | | 1750 |
| 12600082 | A | 11/10/1972 | | GB | | 2650 |
| 12600082 | A | 12/03/1973 | | GB | | 1725 |
| 12600082 | A | 11/07/1973 | | GB | | 1400 |
| 12600082 | A | 5/11/1974 | | GB | | 1325 |
| 12600082 | A | 4/04/1975 | | GB | | 1300 |
| 12600082 | A | 22/12/1976 | | GB | | 1275 |
| 12600082 | A | 24/05/1977 | | GB | | 990 |
| 12600082 | A | 21/02/1978 | | GB | | 1500 |
| 12600082 | A | 13/03/1979 | | GB | | 780 |
| 12600082 | A | 30/05/1980 | | GB | | 1350 |
| 12600082 | A | 25/08/1981 | | GB | | 1150 |
| 12600082 | A | 21/11/1986 | PU | GB | | 475 |
| 12600082 | A | 20/03/1987 | PU | GB | | 480 |
| 12600082 | A | 1/01/1976 | PU | GB | | 1230 |
| 12600082 | A | 1/08/1976 | PU | GB | | 2720 |
| 12600082 | A | 1/09/1976 | PU | GB | | 1100 |
| 12600082 | A | 1/11/1976 | PU | GB | | 1000 |
| 12600082 | A | 20/11/1987 | PU | GB | | 500 |
| 12600082 | A | 25/08/1993 | AI | GB | | 1366 |
| 12600082 | A | 25/06/1996 | AI | GB | | 1225 |
| 12600082 | A | 19/03/1997 | PU | GB | | 1275 |
| 12600082 | A | 17/04/2003 | PU | GB | | 1570 |
| 12600082 | A | 7/10/2003 | PU | GB | | 1350 |
| 12600082 | A | 13/04/2007 | PU | GB | | 1600 |
| 12600082 | A | 18/01/2007 | PU | GB | | 1421 |
| 12600083 | A | 9/09/1999 | PG | GB | | 853 |
| 12600083 | A | 7/07/1970 | | GB | | 1450 |
| 12600083 | A | 23/11/1970 | | GB | | 1025 |
| 12600083 | A | 13/05/1971 | | GB | | 1000 |
| 12600083 | A | 4/08/1971 | | GB | | 2800 |
| 12600083 | A | 9/03/1972 | | GB | | 1000 |
| 12600083 | A | 29/06/1972 | | GB | | 840 |
| 12600083 | A | 11/10/1972 | | GB | | 1050 |
| 12600083 | A | 12/03/1973 | | GB | | 1100 |
| 12600083 | A | 11/07/1973 | | GB | | 1400 |
| 12600083 | A | 5/11/1974 | | GB | | 1300 |
| 12600083 | A | 4/04/1975 | | GB | | 1050 |
| 12600083 | A | 22/12/1976 | | GB | | 920 |
| 12600083 | A | 24/05/1977 | | GB | | 1300 |
| 12600083 | A | 21/02/1978 | | GB | | 900 |
| 12600083 | A | 13/03/1979 | | GB | | 1350 |
| 12600083 | A | 27/09/1979 | | GB | | 755 |
| 12600083 | A | 20/03/1980 | | GB | | 790 |
| 12600083 | A | 30/05/1980 | | GB | | 810 |
| 12600083 | A | 10/10/1980 | | GB | | 805 |
| 12600083 | A | 19/03/1981 | | GB | | 830 |
| 12600083 | A | 25/08/1981 | | GB | | 810 |
| 12600083 | A | 23/03/1983 | PU | GB | | 930 |
| 12600083 | A | 21/11/1986 | PU | GB | | 700 |
| 12600083 | A | 20/03/1987 | PU | GB | | 695 |
| 12600083 | A | 20/11/1987 | PU | GB | | 710 |

| RN | PIPE | RDATE | SAMP_METHOD | SOURCE | DEPTH | CONDUCT |
|---|---|---|---|---|---|---|
| 12600083 | A | 25/08/1993 | AI | GB | | 782 |
| 12600083 | A | 25/06/1996 | AI | GB | | 870 |
| 12600083 | A | 17/04/2003 | PU | GB | | 810 |
| 12600083 | A | 7/10/2003 | PU | GB | | 900 |
| 12600083 | A | 13/04/2007 | PU | GB | | 1030 |
| 12600083 | A | 18/01/2007 | PU | GB | | 1045 |
| 12600084 | A | 9/09/1999 | PG | GB | | 7440 |
| 12600084 | A | 7/07/1970 | | GB | | 1700 |
| 12600084 | A | 23/11/1970 | | GB | | 1800 |
| 12600084 | A | 13/05/1971 | | GB | | 1210 |
| 12600084 | A | 4/08/1971 | | GB | | 1600 |
| 12600084 | A | 9/03/1972 | | GB | | 1410 |
| 12600084 | A | 29/06/1972 | | GB | | 2250 |
| 12600084 | A | 11/10/1972 | | GB | | 1475 |
| 12600084 | A | 12/03/1973 | | GB | | 1650 |
| 12600084 | A | 11/07/1973 | | GB | | 2450 |
| 12600084 | A | 5/11/1974 | | GB | | 3100 |
| 12600084 | A | 4/04/1975 | | GB | | 1275 |
| 12600084 | A | 22/12/1976 | | GB | | 2800 |
| 12600084 | A | 24/05/1977 | | GB | | 1375 |
| 12600084 | A | 21/02/1978 | | GB | | 1300 |
| 12600084 | A | 13/03/1979 | | GB | | 1000 |
| 12600084 | A | 30/05/1980 | | GB | | 1250 |
| 12600084 | A | 25/08/1981 | | GB | | 1550 |
| 12600084 | A | 21/11/1986 | PU | GB | | 1210 |
| 12600084 | A | 20/03/1987 | PU | GB | | 1200 |
| 12600084 | A | 20/11/1987 | PU | GB | | 1200 |
| 12600084 | A | 25/08/1993 | AI | GB | | 539 |
| 12600084 | A | 25/06/1996 | AI | GB | | 1460 |
| 12600084 | A | 19/03/1997 | PU | GB | | 6980 |
| 12600084 | A | 7/10/2003 | PU | GB | | 7900 |
| 12600084 | A | 13/04/2007 | PU | GB | | 8090 |
| 12600084 | A | 18/01/2007 | PU | GB | | 8000 |
| 12600353 | A | 9/09/1999 | PG | GB | | 29700 |
| 12600353 | B | 9/09/1999 | PG | GB | | 433 |
| 12600353 | C | 9/09/1999 | PG | GB | | 287 |
| 12600353 | B | 1/08/1975 | PU | GB | | 2040 |
| 12600353 | B | 1/10/1975 | PU | GB | | 970 |
| 12600353 | B | 1/01/1976 | PU | GB | | 730 |
| 12600353 | B | 1/03/1976 | PU | GB | | 590 |
| 12600353 | B | 1/08/1976 | PU | GB | | 590 |
| 12600353 | B | 1/09/1976 | PU | GB | | 570 |
| 12600353 | B | 1/11/1976 | PU | GB | | 1280 |
| 12600353 | A | 1/08/1975 | PU | GB | | 24500 |
| 12600353 | A | 1/10/1975 | PU | GB | | 25500 |
| 12600353 | A | 1/01/1976 | PU | GB | | 24700 |
| 12600353 | A | 1/03/1976 | PU | GB | | 24600 |
| 12600353 | A | 1/08/1976 | PU | GB | | 25500 |
| 12600353 | A | 1/09/1976 | PU | GB | | 26500 |
| 12600353 | C | 1/08/1975 | PU | GB | | 16800 |
| 12600353 | C | 1/10/1975 | PU | GB | | 16900 |
| 12600353 | C | 1/01/1976 | PU | GB | | 16700 |
| 12600353 | C | 1/03/1976 | PU | GB | | 17000 |
| 12600353 | C | 1/08/1976 | PU | GB | | 16500 |
| 12600353 | C | 1/09/1976 | PU | GB | | 15600 |
| 12600353 | C | 1/11/1976 | PU | GB | | 17000 |
| 12600353 | C | 20/11/1987 | PU | GB | | 398 |
| 12600353 | A | 20/11/1987 | PU | GB | | 780 |
| 12600353 | B | 20/11/1987 | PU | GB | | 700 |
| 12600353 | A | 25/08/1993 | AI | GB | | 25700 |
| 12600353 | B | 25/08/1993 | BA | GB | | 490 |
| 12600353 | C | 25/08/1993 | AI | GB | | 480 |
| 12600353 | A | 1/06/1977 | PU | GB | | 335 |
| 12600353 | A | 20/02/1978 | PU | GB | | 1100 |
| 12600353 | A | 22/02/1979 | PU | GB | | 200 |
| 12600353 | A | 27/09/1979 | PU | GB | | 670 |
| 12600353 | A | 20/03/1980 | PU | GB | | 19000 |
| 12600353 | A | 19/03/1981 | PU | GB | | 29000 |
| 12600353 | A | 23/03/1983 | PU | GB | | 25000 |
| 12600353 | A | 1/02/1984 | PU | GB | | 420 |
| 12600353 | A | 3/08/1984 | PU | GB | | 1150 |
| 12600353 | A | 26/05/1986 | PU | GB | | 650 |
| 12600353 | A | 21/11/1986 | PU | GB | | 700 |
| 12600353 | A | 20/03/1987 | PU | GB | | 700 |
| 12600353 | B | 1/06/1977 | PU | GB | | 490 |
| 12600353 | B | 20/02/1978 | PU | GB | | 9600 |
| 12600353 | B | 22/02/1979 | PU | GB | | 125 |
| 12600353 | B | 27/09/1979 | PU | GB | | 280 |
| 12600353 | B | 10/10/1980 | PU | GB | | 1010 |
| 12600353 | B | 19/03/1981 | PU | GB | | 195 |
| 12600353 | B | 23/03/1983 | PU | GB | | 520 |
| 12600353 | B | 1/02/1984 | PU | GB | | 300 |
| 12600353 | B | 3/08/1984 | PU | GB | | 1500 |
| 12600353 | B | 26/05/1986 | PU | GB | | 600 |
| 12600353 | B | 21/11/1986 | PU | GB | | 610 |
| 12600353 | B | 20/03/1987 | PU | GB | | 620 |
| 12600353 | C | 20/02/1978 | | GB | | 1800 |
| 12600353 | C | 22/02/1979 | | GB | | 225 |
| 12600353 | C | 27/09/1979 | | GB | | 640 |
| 12600353 | C | 20/03/1980 | | GB | | 540 |
| 12600353 | C | 10/10/1980 | | GB | | 3110 |
| 12600353 | C | 19/03/1981 | | GB | | 290 |
| 12600353 | C | 23/03/1983 | PU | GB | | 380 |
| 12600353 | C | 1/02/1984 | PU | GB | | 25000 |
| 12600353 | C | 3/08/1984 | PU | GB | | 24000 |
| 12600353 | C | 26/05/1986 | | GB | | 350 |
| 12600353 | C | 21/11/1986 | PU | GB | | 380 |
| 12600353 | C | 20/03/1987 | PU | GB | | 380 |

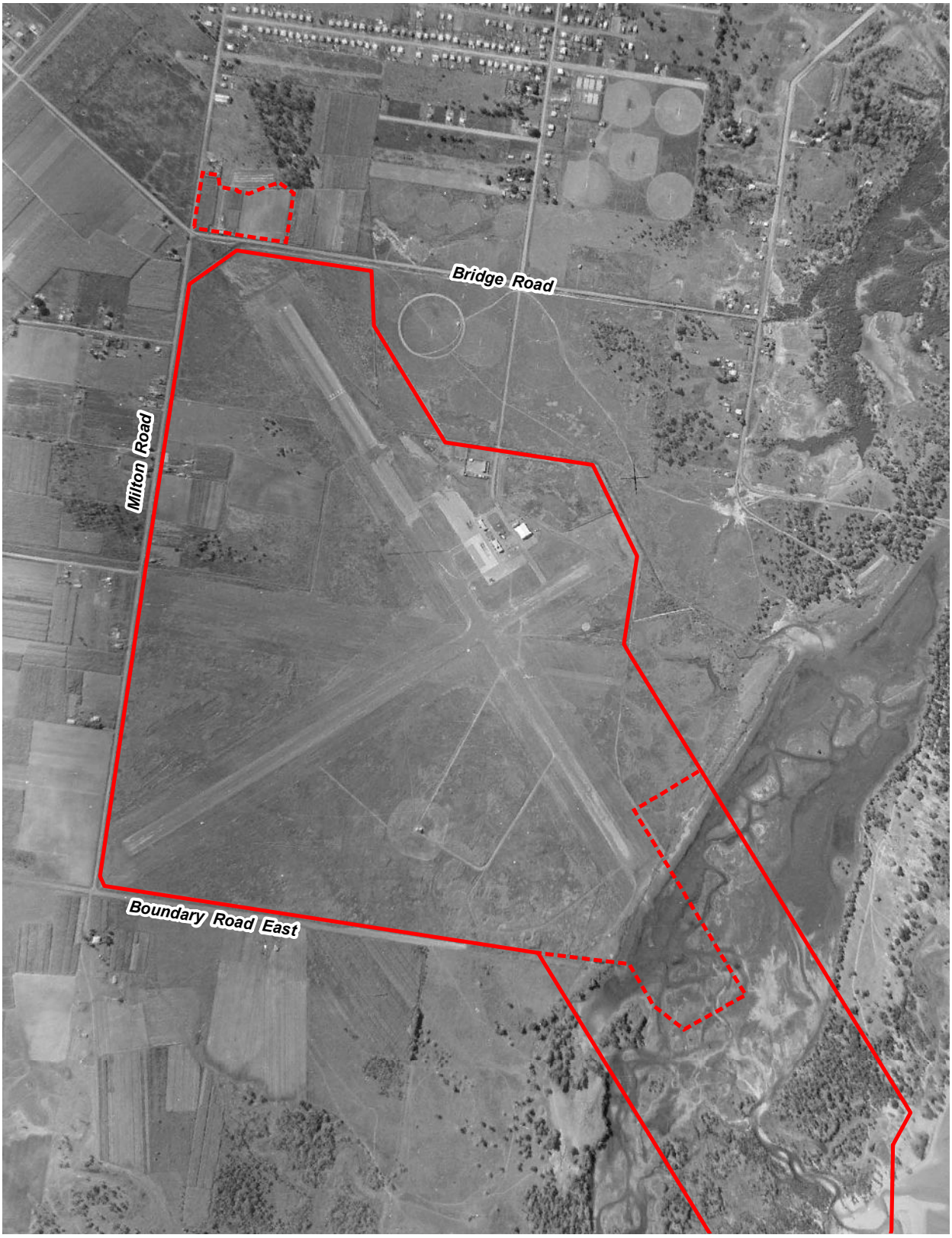
| RN | PIPE | RDATE | SAMP_METHOD | SOURCE | DEPTH | CONDUCT |
|---|---|---|---|---|---|---|
| 12600353 | A | 19/03/1997 | PU | GB | | 19130 |
| 12600353 | B | 19/03/1997 | PU | GB | | 310 |
| 12600353 | C | 10/03/1997 | PU | GB | | 445 |
| 12600353 | A | 4/03/2003 | PU | GB | | 27300 |
| 12600353 | B | 4/03/2003 | PU | GB | | 600 |
| 12600353 | C | 4/03/2003 | PU | GB | | 1143 |
| 12600353 | A | 30/10/2003 | PU | GB | | 29400 |
| 12600353 | B | 30/10/2003 | PU | GB | | 4040 |
| 12600353 | C | 30/10/2003 | PU | GB | | 1700 |
| 12600354 | A | 1/08/1975 | PU | GB | | 2750 |
| 12600354 | A | 1/10/1975 | PU | GB | | 26500 |
| 12600354 | A | 1/01/1976 | PU | GB | | 2790 |
| 12600354 | A | 1/03/1976 | PU | GB | | 2600 |
| 12600354 | A | 1/08/1976 | PU | GB | | 24000 |
| 12600354 | A | 1/09/1976 | PU | GB | | 2750 |
| 12600354 | A | 1/11/1976 | PU | GB | | 2660 |
| 12600354 | B | 1/10/1975 | PU | GB | | 5500 |
| 12600354 | B | 1/03/1976 | PU | GB | | 5650 |
| 12600354 | B | 1/08/1976 | PU | GB | | 4500 |
| 12600354 | B | 1/09/1976 | PU | GB | | 11500 |
| 12600354 | A | 20/11/1987 | PU | GB | | 5500 |
| 12600354 | B | 20/11/1987 | PU | GB | | 7800 |
| 12600354 | A | 1/06/1977 | | GB | | 2650 |
| 12600354 | A | 20/02/1978 | | GB | | 2800 |
| 12600354 | A | 22/02/1979 | | GB | | 1450 |
| 12600354 | A | 27/09/1979 | | GB | | 2000 |
| 12600354 | A | 4/02/1980 | | GB | | 2410 |
| 12600354 | A | 10/10/1980 | | GB | | 2340 |
| 12600354 | A | 19/03/1981 | | GB | | 2400 |
| 12600354 | A | 23/03/1983 | PU | GB | | 3300 |
| 12600354 | A | 1/02/1984 | PU | GB | | 3000 |
| 12600354 | A | 3/08/1984 | PU | GB | | 3650 |
| 12600354 | A | 23/05/1986 | | GB | | 4400 |
| 12600354 | A | 21/11/1986 | PU | GB | | 4900 |
| 12600354 | A | 20/03/1987 | PU | GB | | 4900 |
| 12600354 | B | 1/06/1977 | | GB | | 3750 |
| 12600354 | B | 20/02/1978 | | GB | | 3100 |
| 12600354 | B | 22/02/1979 | | GB | | 560 |
| 12600354 | B | 27/09/1979 | | GB | | 3750 |
| 12600354 | B | 20/03/1980 | | GB | | 1930 |
| 12600354 | B | 19/03/1981 | | GB | | 2200 |
| 12600354 | B | 23/03/1983 | PU | GB | | 10000 |
| 12600354 | B | 1/02/1984 | PU | GB | | 10500 |
| 12600354 | B | 3/08/1984 | PU | GB | | 9500 |
| 12600354 | B | 23/05/1986 | | GB | | 2100 |
| 12600354 | B | 21/11/1986 | PU | GB | | 2250 |
| 12600354 | B | 20/03/1987 | PU | GB | | 2200 |
| 12600355 | A | 3/01/1992 | AI | GB | | 4700 |
| 12600355 | B | 3/01/1992 | AI | GB | | 7230 |
| 12600355 | A | 22/05/1992 | AI | GB | | 4550 |
| 12600355 | B | 22/05/1992 | AI | GB | | 9450 |
| 12600355 | A | 25/08/1992 | AI | GB | | 4530 |
| 12600355 | B | 25/08/1992 | AI | GB | | 9050 |
| 12600355 | A | 23/07/1992 | PU | GB | | 4750 |
| 12600355 | B | 23/07/1992 | PU | GB | | 7120 |
| 12600355 | A | 1/08/1975 | PU | GB | | 3650 |
| 12600355 | A | 1/10/1975 | PU | GB | | 2850 |
| 12600355 | A | 1/01/1976 | PU | GB | | 3360 |
| 12600355 | A | 1/03/1976 | PU | GB | | 1900 |
| 12600355 | A | 1/08/1976 | PU | GB | | 1570 |
| 12600355 | A | 1/09/1976 | PU | GB | | 1900 |
| 12600355 | B | 1/08/1975 | PU | GB | | 1690 |
| 12600355 | B | 1/10/1975 | PU | GB | | 2350 |
| 12600355 | B | 1/01/1976 | PU | GB | | 1750 |
| 12600355 | B | 1/03/1976 | PU | GB | | 1800 |
| 12600355 | B | 1/08/1976 | PU | GB | | 1770 |
| 12600355 | B | 1/09/1976 | PU | GB | | 1800 |
| 12600355 | A | 25/08/1993 | AI | GB | | 3690 |
| 12600355 | B | 25/08/1993 | AI | GB | | 9770 |
| 12600355 | A | 20/11/1987 | PU | GB | | 380 |
| 12600355 | B | 20/11/1987 | PU | GB | | 4150 |
| 12600355 | A | 1/06/1977 | | GB | | 1950 |
| 12600355 | A | 20/02/1978 | | GB | | 89 |
| 12600355 | A | 22/02/1979 | | GB | | 43 |
| 12600355 | A | 27/09/1979 | | GB | | 300 |
| 12600355 | A | 20/03/1980 | | GB | | 105 |
| 12600355 | A | 9/10/1980 | | GB | | 5520 |
| 12600355 | A | 19/03/1981 | | GB | | 25100 |
| 12600355 | A | 23/03/1983 | PU | GB | | 4300 |
| 12600355 | A | 1/02/1984 | PU | GB | | 100 |
| 12600355 | A | 3/08/1984 | PU | GB | | 950 |
| 12600355 | A | 23/05/1986 | | GB | | 250 |
| 12600355 | A | 21/11/1986 | PU | GB | | 320 |
| 12600355 | A | 20/03/1987 | PU | GB | | 325 |
| 12600355 | B | 1/06/1977 | | GB | | 1750 |
| 12600355 | B | 20/02/1978 | | GB | | 1800 |
| 12600355 | B | 22/02/1979 | | GB | | 1750 |
| 12600355 | B | 27/09/1979 | | GB | | 840 |
| 12600355 | B | 20/03/1980 | | GB | | 1740 |
| 12600355 | B | 9/10/1980 | | GB | | 2110 |
| 12600355 | B | 19/03/1981 | | GB | | 1020 |
| 12600355 | B | 23/03/1983 | PU | GB | | 2100 |
| 12600355 | B | 1/02/1984 | PU | GB | | 1500 |
| 12600355 | B | 3/08/1984 | PU | GB | | 3250 |
| 12600355 | B | 23/05/1986 | | GB | | 3500 |
| 12600355 | B | 21/11/1986 | PU | GB | | 4000 |
| 12600355 | B | 20/03/1987 | PU | GB | | 4100 |
| 12600355 | A | 18/06/1996 | AI | GB | | 3680 |

| RN | PIPE | RDATE | SAMP_METHOD | SOURCE | DEPTH | CONDUCT |
|---|---|---|---|---|---|---|
| 12600355 | B | 18/06/1996 | AI | GB | | 5470 |
| 12600355 | A | 11/09/1996 | PU | GB | | 5110 |
| 12600355 | A | 19/03/1997 | PU | GB | | 3930 |
| 12600355 | A | 7/05/1991 | AI | GB | | 5480 |
| 12600355 | B | 7/05/1991 | AI | GB | | 8200 |
| 12600355 | A | 9/08/1991 | AI | GB | | 5410 |
| 12600355 | B | 9/08/1991 | AI | GB | | 4690 |
| 12600355 | A | 1/10/1997 | PU | GB | | 5090 |
| 12600355 | B | 1/10/1997 | PU | GB | | 2400 |
| 12600355 | A | 6/08/2002 | PU | GB | | 4810 |
| 12600355 | B | 6/08/2002 | PU | GB | | 6140 |
| 12600355 | A | 20/10/2004 | PU | GB | | 4420 |
| 12600355 | B | 20/10/2004 | PU | GB | | 2970 |
| 12600355 | A | 19/01/2007 | PU | GB | | 5180 |
| 12600355 | B | 19/01/2007 | PU | GB | | 3000 |
| 12600554 | A | 26/04/2012 | PU | GB | | 420 |
| 12600595 | A | 2/11/2011 | DH | GB | | 1622 |
| 12600595 | A | 7/02/2012 | AI | GB | | 3940 |
| 12600595 | A | 10/01/2011 | PU | GB | | 4040 |
| 12600595 | A | 20/05/2015 | | | | 4380 |
| 12600595 | A | 31/03/2014 | PU | GB | | 3060 |
| 12600595 | A | 22/10/2013 | PU | GB | | 3920 |
| 12600596 | A | 28/10/2011 | AI | GB | | 2270 |
| 12600596 | A | 7/02/2012 | AI | GB | | 3330 |
| 12600596 | A | 10/01/2012 | PU | GB | | 3020 |
| 12600596 | A | 20/05/2015 | | | | 4460 |
| 12600596 | A | 31/03/2014 | PU | GB | | 3900 |
| 12600596 | A | 22/10/2013 | PU | GB | | 3890 |
| 12600597 | A | 28/10/2011 | AI | GB | | 946 |
| 12600597 | A | 10/01/2012 | PU | GB | | 1034 |
| 12600597 | A | 20/05/2015 | | | | 1080 |
| 12600597 | A | 31/03/2014 | PU | GB | | 1020 |
| 12600597 | A | 22/10/2013 | PU | GB | | 976 |

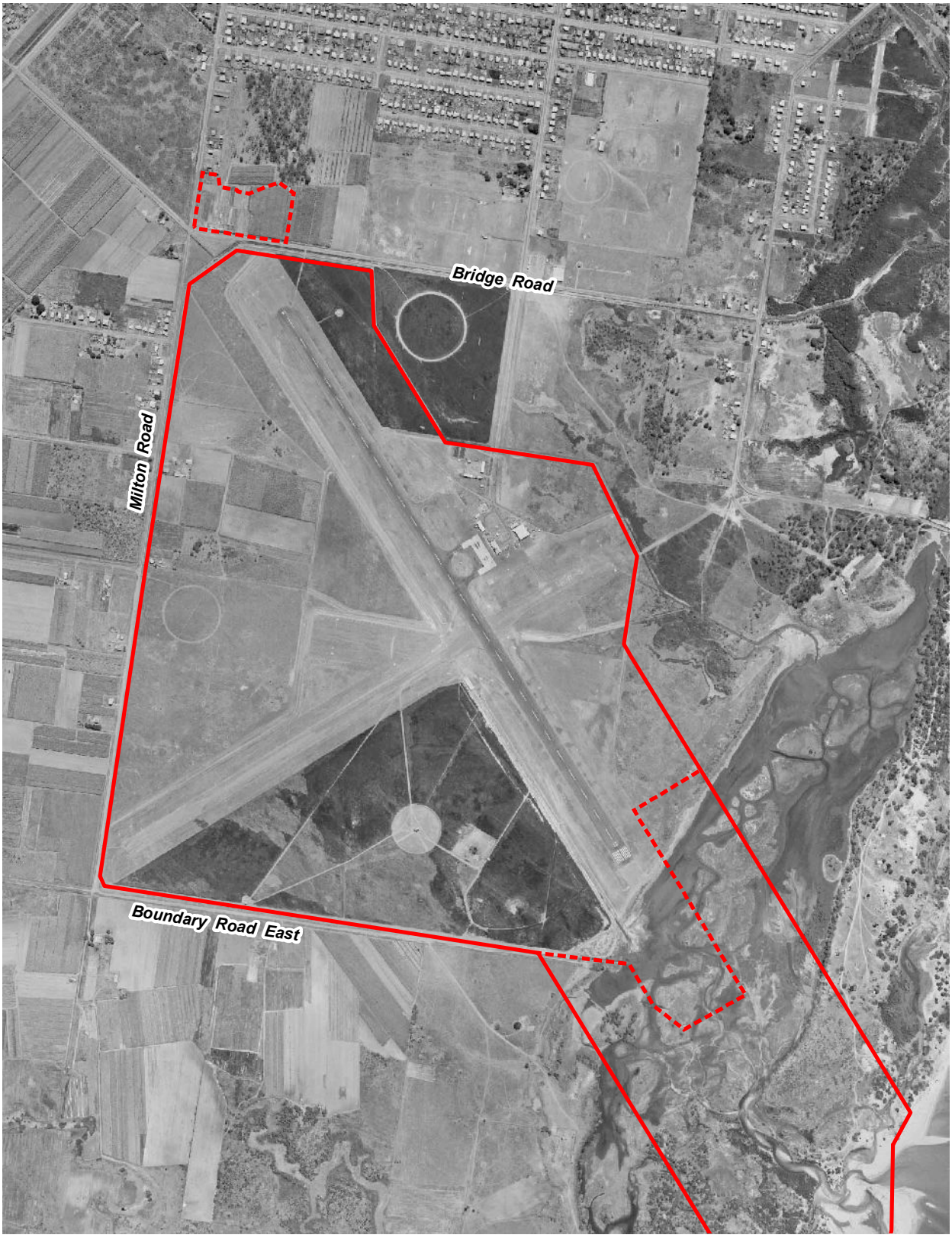
| RN | FACILITY_ROLE |
|---|---|
| 37519 | WS |
| 37519 | MB |
| 46017 | WS |
| 46134 | MB |
| 46411 | MB |
| 81031 | MB |
| 104082 | SI |
| 104083 | SI |
| 104084 | SI |
| 104350 | SI |
| 104351 | SI |
| 104352 | SI |
| 104353 | SI |
| 104354 | SI |
| 104355 | SI |
| 104356 | SI |
| 104357 | SI |
| 104358 | SI |
| 104359 | SI |
| 104375 | SI |
| 104376 | SI |
| 104377 | SI |
| 104378 | SI |
| 104379 | SI |
| 104380 | SI |
| 104381 | SI |
| 104382 | SI |
| 104383 | SI |
| 104386 | SI |
| 104387 | SI |
| 104388 | SI |
| 104389 | SI |
| 105459 | WS |
| 105618 | WS |
| 105623 | WS |
| 105625 | WS |
| 105688 | WS |
| 105689 | WS |
| 105717 | WS |
| 105721 | WS |
| 105731 | WS |
| 105971 | WS |
| 105978 | WS |
| 105993 | WS |
| 131308 | OE |
| 131309 | OE |
| 131310 | OE |
| 131332 | WS |
| 131333 | WS |
| 131335 | WS |
| 131337 | WS |
| 131419 | WS |
| 131421 | WS |
| 131672 | WS |
| 131759 | WS |
| 131771 | WS |
| 131917 | WS |
| 131997 | WS |
| 141066 | WS |
| 141093 | WS |
| 141097 | WS |
| 141414 | SM |
| 12500275 | IN |
| 12500276 | SM |
| 12500277 | SM |
| 12600077 | IN |
| 12600077 | SM |
| 12600082 | IN |
| 12600082 | SM |
| 12600083 | IN |
| 12600083 | SM |
| 12600084 | IN |
| 12600084 | SM |
| 12600353 | IN |
| 12600353 | SM |
| 12600355 | IN |
| 12600355 | SM |
| 12600595 | SM |
| 12600596 | SM |
| 12600597 | SM |

# Appendix E – Historical aerial photographs

| | |
|---|---|
| **Document Identification** | Run: 12 Film: Q504 Frame: 156 Scale: 1 : 26,000 (Black & White) |
| **Photograph Date** | Date: 12 August 1953 |



| | |
|---|---|
| **Document Identification** | Run: 6 Film: Q1291 Frame: 2026 Scale: 1 : 24,000 (Black & White) |
| **Photograph Date** | Date: 31 August 1962 |



| | |
|---|---|
| **Document Identification** | Run: 6 Film: Q2527 Frame: 13 Scale: 1 : 25,000 (Black & White) |
| **Photograph Date** | Date: 21 May 1972 |

| | |
|---|---|
| **Document Identification** | Run: 5 Film: Qc4937 Frame: 177 Scale: 1 : 25,000 (Colour) |
| **Photograph Date** | Date: 17 May 1991 |

| | |
|---|---|
| **Document Identification** | Run: 3 Film: QAP6134 Frame: 104 Scale: 1 : 37,5000 (Colour) |
| **Photograph Date** | Date: 28 June 2004 |

| | |
|---|---|
| **Document Identification** | Run: 49B Film: DIG7012 Frame: 6183 Scale: 1 : 30,000 (Colour) |
| **Photograph Date** | Date: 16 August 2009 |

| | |
|---|---|
| **Document Identification** | Google Earth (Colour) |
| **Photograph Date** | Date: May 2015 |

# Appendix F – Interview transcripts

**Mackay Airport – ARFF Interview Summary – 18/07/2016**

**Interviewee:**

[redacted], Fire Fighter (based at Mackay ARFF since 1989)

| | Questions and Answers |
|---|---|
| 1 | Are you aware of any PFAS investigations and testing that have been undertaken across the wider Airport?<br>• Yes – testing undertaken by GHD around the fire training ground in 2008 and also some other random testing undertaken. |
| 2 | Is there an incident log that details where actual fires and fuel spills have been attended that required the use of firefighting foams?<br>• Kerosene spills were logged.<br>• No foam has been used for any spills or crashes at the Airport. |
| 3 | If there is not an inventory, can you recall any fires or fuel spills at the Airport? Dates?<br>• No. |
| 4 | Is there an inventory of AFFF storage within the Airport?<br>• No. ARFF stored AFFF near the fire station in 200 L drums and after in 1,000 L totes. When the current fire training ground was constructed (~2002) foam was stored in a 7,000 L holding tank.<br>• Fire extinguishers likely to contain AFFF remain in hangars around the Airport (probably only around six, majority of extinguishers will be DCP). |
| 5 | Are you aware of any AFFF use outside of the Airport but within the general vicinity?<br>• Fire Systems Queensland, located on Milton Road (opposite the control tower) – understood to still use ansulite foam.<br>• Chubb (located behind Fire Systems Queensland) may also store foams. |
| 6 | Is there any AFFF still stored within the Airport? If so, where and for what purpose?<br>• No. |
| 7 | Has training involving AFFF (e.g. extinguishers, Airport Emergency Planning (AEP) exercises) been undertaken in areas outside of the current fire station and/or training ground? If so, where?<br>• Former fire training ground was located in the footprint of the current terminal.<br>• AEP exercises used water for training, with the exception of one AEP off site training exercise where foam was used – at a site to the east of the Airport, near the Creek.<br>• Rare training exercises undertaken in remote, off site locations. |

| | Questions and Answers |
|---|---|
| 8 | What is the age of the current fire station and fire training ground? What was the previous use of these sites?<br>• The current fire station was constructed circa 1972 - 1974.<br>• The current fire training ground was constructed in 2002.<br>• Both sites were previously undeveloped land. |
| 9 | When AFFF was used in training, how often and for how long did this occur?<br>• Depended on training requirements. |
| 10 | When AFFF was used in training, what volumes were used and what was the methodology for wash down of waste and equipment?<br>• Many thousands of litres.<br>• Historically waste water went to sewage but is now pumped out and collected by contractor. |
| 11 | How widely was the AFFF dispersed aerially? Photos?<br>• No photos. Foam used liberally in training areas. |
| 12 | Was wash down of fire fighting equipment restricted to the fire training areas?<br>• Original wash down area out the front of the fire station. |
| 13 | Where did the wash down water end up? Do any drains discharge off-site and, if so, where?<br>• Old wash down areas all drained to surrounding paddocks.<br>• All drainage to channels around the perimeter of the site (in all directions). |
| 14 | Has there been any significant bulk earth works (relevant to AFFF use) on the site that resulted in soil being relocated from one area of the airport to another?<br>• No. Not known where the spoil that would have been generated during the terminal construction (in the area of the former training ground) was taken. Tony considers it likely that this was taken to landfill. |
| 16 | How were spent drums or excess product disposed of?<br>• Excess product was sprayed out at training areas or fire station.<br>• Used drums taken to landfill historically (ansulite drums were more recently collected by contractor). |
| 17 | Does groundwater ‘daylight’ in areas of the site?<br>• Ground very waterlogged and where water can be seen, often represents the actual groundwater table (very shallow). |
| 18 | What was the location of ARFF sites?<br>• As previous. |

| | Questions and Answers |
|---|---|
| 19 | Is stormwater harvested within the Airport and if so, for what purposes and where?<br>• No. |
| 20 | Is groundwater abstracted within the Airport and if so, for what purposes and where?<br>• No, not on site though houses to the west/north west of the site do have wells. |

**Mackay Airport– NQA Interview Summary - 18/07/2016**

**Interviewees:**

[redacted], General Manager – People, Communications & Compliance

[redacted], Property Manager

[redacted], General Manager – Mackay Airport

| | Questions and Answers |
|---|---|
| 1 | Are you aware of any PFAS investigations and testing that have been undertaken across the wider Airport (i.e. outside of ARFF site)?<br>• No. |
| 2 | Is there an incident log that details where actual fires and fuel spills have been attended that required the use of firefighting foams?<br>• No. |
| 3 | If there is not an inventory, can you recall any fires or fuel spills at the Airport? Dates?<br>• In 2015, there was a 'wheels up' aircraft landing at the runway intersection. |
| 4 | Is there an inventory of AFFF storage within the Airport?<br>• No. |
| 5 | Are you aware of any AFFF use outside of the Airport but within the general vicinity?<br>• No. |
| 6 | Is there any AFFF still stored within the Airport? If so, where and for what purpose?<br>• No. |
| 7 | Has training involving AFFF (e.g. extinguishers, Airport Emergency Planning (AEP) exercises) been undertaken in areas outside of the current fire station and/or training ground? If so, where?<br>• Training has historically been undertaken in the area to the east of the runway.<br>• Emergency training undertaken every two years (run by ARFF[1]). AFFF not understood to have been used in AEP exercises. |
| 8 | What is the age of the current fire station and fire training ground? What was the previous use of these sites?<br>• Check age of facilities with Airservices.<br>• The ARFF sites were previously undeveloped land within the Airport. |

[1] Airservices informed GHD that the AEPs are run by the Airport (ARFF participate in AEPs but do not run them)

| | Questions and Answers |
|---|---|
| 9 | When AFFF was used in training, how often and for how long did this occur?<br>• Refer to Airservices. |
| 10 | When AFFF was used in training, what volumes were used and what was the methodology for wash down of waste and equipment?<br>• A daily vehicle check was undertaken outside the fire station – equipment tested 'ad hoc'. |
| 11 | How widely was the AFFF dispersed aerially? Photos?<br>• Refer to Airservices. |
| 12 | Was wash down of fire fighting equipment restricted to the fire training areas?<br>• Refer to Airservices. |
| 13 | Where did the wash down water end up? Do any drains discharge off-site and, if so, where?<br>• Refer to Airservices. |
| 14 | Has there been any significant bulk earth works (relevant to AFFF use) on the site that resulted in soil being relocated from one area of the airport to another?<br>• No. |
| 16 | How were spent drums or excess product disposed of?<br>• Refer to Airservices. |
| 17 | Does groundwater 'daylight' in areas of the site?<br>• No. |
| 18 | What was the location of ARFF sites?<br>• Former fire training ground was located in the vicinity of the current terminal. |
| 19 | Is stormwater harvested within the Airport and if so, for what purposes and where?<br>• No. |
| 20 | Is groundwater abstracted within the Airport and if so, for what purposes and where?<br>• No, except for monitoring purposes. |

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| Revision | Author | Reviewer | | Approved for Issue | | |
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| 0 | [redacted] | [redacted] | | [redacted] | | 20/02/2019 |
| 1 | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | 29/03/2019 |
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