



URALLA GROUNDWATER PROJECT

PHASE 1 DESKTOP REVIEW

Prepared for Uralla Shire Council | 6 October 2021

Version: 00

DRAFT





DOCUMENT CONTROL

Project number	21054
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Version	Date	Author	Signature	Approver	Signature
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Subject to the scope of work, the assessment was limited strictly to identifying the environmental conditions associated with the subject property and do not include evaluation of any other issues.

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1. INTRODUCTION

1.1. Background

In 2019 the township of Uralla experienced an extended period of drought which placed the water supply at risk of failure and ultimately contributed to elevated levels of Arsenic contamination in the town water supply. As a result of the contamination, bottled water was shipped by truck to residents in the township until adequate treatment of the supply source could be implemented. The period of contamination lasted from 18-December-2019 to 28-April-2021.

The Uralla Drought Management Plan states the following:

Water supply for Uralla township is sourced from Kentucky Creek Dam with a total storage of 500 ML, of which 75 ML is assumed to be dead storage, leaving an effective storage of 425 ML. Current extraction of raw water for Uralla varies between 230 and 350 ML per annum. Uralla Shire Council is licensed to extract up to 621 ML per annum to meet urban demand from the Kentucky Creek catchment. In 2013, Council commissioned NSW Public Works/SMEC to carry out a secure yield study on the catchment water supplies. The study projected that the modelled unrestricted dry year demand for the Uralla water supply will increase from a current 381 ML to 433 ML in 2044. The outcomes of the secure yield modelling gave an estimated secure yield of between 196 and 228 ML per annum (up to 2015) for the Uralla supply, depending on the security of supply rule that Council adopts. The study concluded that: "The modelling indicates that the Uralla water supply system would need to be augmented to provide a secure yield which matches the dry year demand.

Considering these issues, funding has been allocated by the NSW State Government for providing a safeguard to the security of the Uralla water supply. This funding will be used to investigate the viability of groundwater for supplementation of the Uralla Kentucky Dam water source when needed, or to determine alternative water security options to safeguard the Uralla town water supply.

1.2. Objective

The objective of the project is to investigate the potential for bore sites which could provide an alternative supply of up to 1.5ML/day for the Uralla township potable water supply.

1.3. Scope

The scope for this desktop investigation was as follows:

1. Desktop analysis of existing geology and bores utilising all publicly available information.
2. Aerial analysis and identification of suitable sites for further virtual ground penetrating studies.
3. Identification of a minimum of 15 suitable sites for further investigation.
4. Investigation of identified sites with virtual ground penetration studies with supply of profile reports for each site. Profile report to contain:
 - a. Analysis of the expected composition of the sampled area to a depth of 300m.
 - b. Minimum vertical profile resolution of 2m.
 - c. A 2 and/or 3-dimensional computer aided output representing the area of analysis.
 - d. Analysis of the expected water production volumes and total capacity of a bore at each location specifying:
 - i. Estimated production output (L/s).
 - ii. Estimated total aquifer volume (kL).
 - iii. Expected water quality.
 - iv. Depth and location of fractures.

- v. Expected pump depth and standing water level.
5. Land ownership, land access, power access issues and aspects of assessment or planning provisions which may impact the ability to approve a production bore, and/or issues in accessing entitlement to be considered in the analysis site selection.
6. Inclusion of minimum of 6 sites preferably within close proximity of the Uralla water treatment plant if practicable.

At the completion of the Phase 1, a Virtual Drilling Investigation Review, by Contractor & Council, will be undertaken to determine the viability of moving to Phase 2.

2. DESKTOP ANALYSIS

The desktop analysis has been completed over a 15km radius of the Uralla Water Treatment Plant (WTP) which is located approximately 5.3km southwest of Uralla township, adjacent to the current town water supply of Kentucky Dam. The following publicly available resources have been reviewed:

- Registered Licensed Groundwater Bores as provided in the
 - Bureau of Meteorology Groundwater Explorer ([Australian Groundwater Explorer: Groundwater information: Water Information: Bureau of Meteorology \(bom.gov.au\)](#)).
 - WaterNSW Realtime Data ([Real-time water data \(waternsw.com.au\)](#)).
- Geology mapping for the area:
 - Dorrigo – Coffs Harbour 1:250,000 Geological Series Sheet SH 56 – 10 & 11 (E.C. Leitch et. al, 1969)
 - Manilla 1:250,000 Geological Series Sheet SH 56 – 9 (W.S. Chestnut et a, 1969).
 - Metallogenic Series Sheet SH/56 – 9, SH/55 – 12 (Royal Australian Survey Corps, 1992)
- Stereoscope
- Historical Mine Sites
- NSW Total Magnetic Intensity Reduced to the Pole (TMI RTP) – Geological Survey of NSW.
- Other publicly available information.

The outcomes of the review are discussed in the subsequent sections.

2.1. Geology

The geology in the area is complex and comprises the following units:

- Cs – Sandon Beds – Greywacke, argillite, chert, jasper, basic volcanics.
- **P-C – Mudstones, lithic sandstones, hornfels and pebbly conglomerates.**
- **Pgu – Uralla Granodiorite**
- *Plh* – Harnham Grove Porphyritic Microtonalite – Porphyritic rock, andesine-labradorite, augite and hypersthene, quartzo-feldspathic groundmass.
- *Plw* – Manuka Farm Prophyritic Microtonalite – Porphyritic rock, andesine-labradorite, augite and hypersthene, quartzo-feldspathic groundmass.
- *Pp* – Porphyries and porphyrites. The intrusives in part belong to *Puga*.
- *Pugu* – Glenburnie Leucoadamellite – Biotite luecoadamelillite.
- *Puka* – Khatoun Tonalite – Hornblende-biotite tonalites.
- *Pus* – Standbye Adamellite – Porphyritic hornblende-biotite admellite.

- *Puw* – Wongalee Complex – A complex body of leucogranite and intermediate zonal rich plutonic breccia.
- *Plt* – Terrible Vale Porphyritic Microtonalite.
- *Pps* – Salisbury Water Porphyrite
- ***Puu* – Uralla Granodiorite – characterised by Hornblende-biotite granodiorite.**
- *Pv* – Annlee Pyroclastics
- ***Qa* – Quaternary Alluvium – mostly sands and clayey sands and clays in present-day streams.**
- ***Tb* – Tholeiitic and alkaline basalts, minor trachyte and dolerite.**
- ***Tc* – Armidale Beds – sands, sandy clays and thin pebbly sands; unconformable on Uralla Granodiorite, overlain by basalt flows.**
- ***Ts* – Conglomerate, greybilly, sandstone and claystone.**
- ***Tv* – Basalt flows and plugs.**

The units highlighted in bold text in the list above are considered to have the highest potential for water in the area.

Tucker (July 1996) describes the geology in the area as follows:

The principal rock unit present is the Permian Uralla Granodiorite (Shaw & Flood, 1981). This pluton intrudes rocks of the subduction complex (Sandon Beds), the Permian volcanic rocks (Wandsworth Volcanics) and other plutons of the New England Batholith.

The Uralla Granodiorite and its country rocks are overlain by Tertiary sediments, Tertiary basalts, and Quaternary alluvium. The Uralla Granodiorite is cut by narrow aplite dykes, (up to 50cm wide) which appear to follow joint-directions. The aplites appear to be confined to the Granodiorite.

Small areas of tonalitic rocks (Khatoun tonalite, Manuka Farm Microtonalite) occur in the Wilson's Creek area. These tonalitic rocks intrude both Wandsworth Volcanics and Sandon Beds.

There is also a development of roughly north-west striking dykes along the western contact of the Uralla Granodiorite and the Sandon Beds. The age of the dyke swarm is believed to be Permian.

Within the area of the Rocky River Goldfield (e.g., in Mt Mutton Gully) weathered basic dykes intrude the Uralla Granodiorite.

2.2. Hydrogeology

2.2.1. Registered Licenced Groundwater Bores

A search of the Bureau of Meteorology (BoM) Australian Groundwater Explorer was completed to identify licenced bores within a 15km radius of the water treatment plant (WTP). Figure 4 in Appendix A shows the locations of these bores, and the data is summarised in Appendix B.

The bore search was initially focussed within a 6km radius of the WTP to identify potentially high yielding areas to minimise future infrastructure costs. Licensed bores within 6km of the site are shown on Figure 4 in Appendix A and a summary of the results is provided below:

- 21 bores were identified within 6km of the WTP.
- Reported yields ranged between 0.23L/s and 3.03L/s. Three bores reported yields greater than 1L/s, these were:

Table 1 Highest Yielding Bores within 6km of the Water Treatment Plant

Bore ID	Yield	Location Relative to WTP	Depth	Geology
GW071582.1.1	3.03	2.5km southeast	30.5	Basalt
GW968898.1.1	2.5	3.7km east-southeast	117.4	Granite
GW054652.1.1	1.01	5.6km east	21.3	Sand waddy

The search was then expanded to 15km from the WTP. A summary of the licenced bores is provided below:

- 242 bores were identified between 6km and 15km from the WTP.
- Reported yields ranged between 0.004L/s and 15.16L/s. Bores yielding greater than 1L/s are summarised below:

Table 2 Surrounding Licenced Bore Details

Bore ID	Yield	Location Relative to WTP	Depth	Geology
GW056318.1.1	1.01	6.9km east	36.6	Granite
GW037677.1.1	1.52	6.9km east	29.2	Granite decomposed
GW050594.1.1	2.27	6.9km east-northeast	35.6	Granite
GW071621.1.1	6.2	7.3km north-northeast	15.6	Granite
GW965106.1.1	1.01	8.7km north-northeast	40.9	Basalt, sand and sandstone
GW015462.1.1	1.64	8.9km Northeast	22.9	Basalt, coal, sand and granite
GW037838.1.1	1.26	9.1km southeast	15.2	Sand and river gravel
GW037839.1.1	1.26	9.2km southeast	15.2	Sand and river gravel
GW064093.1.1	1.14	9.24km northeast	30	Basalt
GW065339.1.1	1.5	9.5km northeast	30	unknown
GW015460.1.1	1.9	10.1km northeast	19.2	Sand
GW023835.1.1	1.01	10.5km south	20.1	Granite
GW969183.1.1	2.3	10.6km northwest	86.3	Sand and granite
GW045379.1.1	1.14	11.2km northeast	21.3	Basalt gravel
GW049128.1.1	1.52	11.2km northwest	17.4	Rock
GW022959.1.1	2.02	11.6km south	28	Granite
GW971235.1.1	1.49	11.6km north	93	Granite and sand
GW065308.1.1	1.3	11.7km southeast	22	unknown
GW024201.1.1	1.5	12.4km northeast	21.4	Basalt
GW058384.1.1	2.3	12.4km northeast	35	Shale and basalt
GW023836.1.1	1.9	12.5km south	15.5	Granite
GW060016.1.1	1.14	13.2km northwest	36.6	Granite
GW060910.1.1	1.26	13.2km northeast	29.5	Clay over basalt
GW068160.1.1	1.26	13.2km northeast	66	Basalt
GW047681.1.1	7.58	13.2km north-northeast	30.5	Basalt decomposed
GW029225.1.1	1.9	13.3km north-northeast	76.2	Basalt
GW043948.1.1	1.89	13.3km northeast	30.4	Sandstone
GW068104.1.1	8.8	13.4km northeast	42	Basalt and coal
GW051391.1.1	1.26	13.5km northeast	41.1	Basalt over sand gravel coal
GW068161.1.1	5.05	13.5km northeast	48	Basalt over coal, clay, sand (with wood and coral)*
GW056754.1.1	1.04	1.6km northeast	24.4	Basalt
GW044698.1.1	2.53	13.8km northeast	22.9	Basalt gravel

Bore ID	Yield	Location Relative to WTP	Depth	Geology
GW050546.1.1	1.14	13.9km south	24.3	Sand and granite
GW023332.1.1	1.39	14km south	23.5	Granite decomposed
GW037922.1.1	1.2	14.3km north-northeast	34.1	Basalt decomposed
GW016754.1.1	1.21	14.6km northeast	15.2	Mudstone
GW058380.1.1	2.3	14.6km northeast	27.5	Basalt and sand
GW051498.1.1	1.26	14.7km northeast	28	Basalt
GW050779.1.1	1.26	14.8km northeast	21.3	Basalt with Tuff seam
GW035257.1.1	15.16	14.8km northeast	30.4	Basalt over sand and clay
GW062586.1.1	1.2	15km northeast	34	Basalt

*coral and wood dated to be 30million years old.

it can be seen from the above tables that the highest yield bores are generally in basalt and generally less than 50m below ground level. Some bores installed in the granodiorite are reported to be relatively high yielding, and therefore may be indicative of decent water bearing zones.

2.2.2. Springs

The Uralla area is characterised by spring-fed creeks and dams, although these are generally not mapped. The springs are likely a result of geological features such as volcanic intrusions, faults and dykes causing groundwater to flow upwards to the surface.

Real Estate reports for large properties in the area report “spring fed dams” however the flow rates and water quality are not reported. Some examples of these properties are:

- 2 Somerset Close, Uralla – this reports soft granite soils and a spring-fed dam
- 2225 Kingstown Road, Uralla – this reports a spring-fed dam on undulating grazing country
- 'JAMALON' Gostwyck Road Uralla - this reports fine granite property with natural timber shelter and established tree lines. Water availability is a feature of the property - there are 8 dams of which some are supplied by very reliable springs, and in particular, a spring-fed well that provides the water for an exceptional farm reticulation scheme.
- 'Why Worry' 376 Kingstown Road Uralla – this reports rich red basalt country, with 2 spring fed creeks.
- 446 Balala Road, Balala – details of springs on the site are not provided but photographs show a large amount of water in dams and creeks on the site.

It would be advantageous to visit properties that are known to have spring-fed dams to assess the water quality potential of these water sources.

The Uralla Shire Council “Uralla Water Supply Yield and Water Quality Update” states the following regarding water quality in the springs feeding Kentucky Dam: *During dry periods deep springs can flow, bringing arsenic into creeks.* The presentation does not provide data from the springs to confirm this statement – HEC recommends that springs be sampled for the concentrations of arsenic. Arsenic (from arsenopyrite) has been shown to often associated with granite and contact fault zones within granite.

2.3. Review of Geophysical Survey Data

Airborne magnetics detects the subtle variability in the earth’s magnetic field caused by the presence and absence of ferromagnetic minerals such as magnetite (Fe₃O₄), maghemite (-Fe₂O₃), pyrrhotite (FeS) and ilmenite (FeTiO₃). These minerals may be associated with stream-bed deposits and volcanic geology such as basalt intrusions.

Figure 5 in Appendix A shows the Total Magnetic Intensity (Reduced to Pole) image for the area. The data is a composite map derived from the merging of individual airborne magnetic surveys. The magnetic

intensity data is shown as a colour-sketch of the total values at a given location and does not provide depth data.

The TMI RTP image indicates isolated pockets of low magnetic responses that line up with areas mapped as basaltic geology. These areas are shown as a dark blue of Figure 5 of Appendix A. Interrogation of the licensed bores in these areas shows the highest yielding bores are also generally located within these zones. They may represent either fractured or weathered zones in the bedrock.

2.4. Current and Historic Mine Sites

The Uralla region is known for its mining potential, mainly for gold, but also other metals such as antimony, tin, copper and zinc. Figure 3 in Appendix A shows the location of known current and historical mine sites in the area. It can be seen from the figure that there are current mine lease areas to the north and east of Uralla township, and numerous derelict mine sites in all directions.

A review of current and historic mine site records was completed to identify the presence of water bearing zones encountered during mine activities in the area. Appendix C provides some excerpts are taken from the historical mining records that relate to the presence of groundwater. From the mining records, the following notes are made:

The local geological formations may be divided into six classes:

- Quaternary alluvials
- Basalt and laterite
- Tertiary alluvials
- Quartzite
- Granite hornblende and intrusive with associated dykes of quartz-porphyry and eurite
- Claystone and granitoid.

An area known as Sydney Flat and Doherty's Hill (northwest of Uralla township) was reported to have a layer of basalt and laterite overlying Tertiary Alluvials. The area is reported to be some 1.5miles wide and 15 to 140 ft thick. The gravel and sand in this area was reported to contain significant water, which flooded the mine shafts at a rate quick enough to force the miners out without enough time to retrieve their tools.

There are similar reports in other parts of Sydney Flat where running sands and water intrusion into the shafts and tunnels forced the miners to abandon works.

A review of the bore logs for licensed bores in this area described the geology as Clay over Granitic Sand (GW052964.1.1 and GW053549.1.1) which correlates with that encountered in the mine shafts. The bore logs at Jones Hill, Sydney Flat and bores to the north east near Arding report yields between 2.5L/s and 15.2L/s in similar geology.

Historical cross-sections produced in the 1800s are provided in Appendix D which show the water bearing zones of Jones Hill and Sydney Flatt.

3. WATER SHARING PLAN

The Uralla area straddles two water sharing plan areas; these are:

- Water Sharing Plan for the NSW Murray Darling Basin Fractured Rock Groundwater Sources (2020) – New England Fold Belt MDB Groundwater Source.
- Water Sharing Plan for the North Coast Fractured and Porous Rock Groundwater Sources (2016) – New England Fold Belt Coast.

3.1. Rules for Water Supply Works Approvals

The bore siting rules described in both of the above Water Sharing Plans are as follows:

Table 3 Water Sharing Plan Rules

Rule	New England Fold Belt MDB Groundwater Source	New England Fold Belt Coast
Rules to minimise interference between bores	<p>No water supply work (bores) to be granted or amended within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore that is licensed to extract up to 20 ML/yr; • 400 m of an existing bore that is licensed to extract more than 20 ML/yr; • 200m of an existing bore that is used for basic rights; • 100 m of the boundary of the property (unless consent gained from neighbour); • 500m of a local or major water utility bore; and • 400m of a bore used by the Department for monitoring purposes. 	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances:</p> <ul style="list-style-type: none"> • 200 m of an existing bore, on another landholding, in the same water source, for bores used for basic landholder rights only • 400 m of an existing bore, on another landholding in the same water source that is not used solely for basic landholder rights • 200 m of the boundary of the property (unless written consent gained from neighbour) • 500 m of a local water utility or major water utility bore, in the same water source (unless written consent gained from utility) • 400 m of a government monitoring or observation bore <p>The plan lists circumstances in which these distance conditions may be varied.</p>
Rules for bores located near high priority groundwater dependent ecosystems	<p>No water supply work (bores) to be granted or amended within the following distances of any high priority groundwater-dependent ecosystem (GDE), or a river or stream:</p> <ul style="list-style-type: none"> • 100 m of a high priority GDE for bores that are used for basic rights; • 200 m of a high priority GDE for bores that are not used for basic rights; • 500 m of a high priority karst environment GDE; • 40 m from the top of the high bank of a river or stream; and • 100 m from an escarpment. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>The plan may be amended to add or remove high priority groundwater dependent ecosystems.</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is within the following distances of any high-priority, groundwater-dependent ecosystem, or a river:</p> <ul style="list-style-type: none"> • 40 m from the top of the high bank of a river • 200 m of a high-priority, groundwater-dependent ecosystem • 500 m of a high-priority karst environment groundwater-dependent ecosystems • 200 m of other high-priority, groundwater-dependent ecosystems • 500 m of the edge of a high-priority, groundwater-dependent ecosystem escarpment. <p>The plan lists circumstances in which these distance conditions may be varied.</p>
Rules for bores located near groundwater dependent culturally significant sites	<p>No water supply work (bores) to be granted or amended within the following distances of a groundwater-dependent culturally significant site:</p> <ul style="list-style-type: none"> • 100 m for basic landholder rights bores; and • 200 m for bores not used for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p> <p>Where a culturally significant site is also a high priority GDE, the more restrictive distance</p>	<p>Water supply work (bores) approvals may not be granted or amended if the work is located within the following distances of a groundwater-dependent, culturally significant area:</p> <ul style="list-style-type: none"> • 200 m for bores not used solely for basic landholder rights. <p>The plan lists circumstances in which these distance conditions may be varied.</p>

Rule	New England Fold Belt MDB Groundwater Source	New England Fold Belt Coast
	restriction applies to the granting or amendment of a water supply work approval.	

3.2. Available Water Determinations

The New England Fold Belt Coast Groundwater Source had 24,532 ML/yr of unassigned water at the publishing date of the Water Sharing Plan (DPIEW 2016).

The available water determinations for the New England Fold Belt Groundwater Source (DPIEW 2020) will be made at the commencement of each water year.

4. POTENTIAL BORE SITE SELECTION

Based on the information presented in Section 1 to Section 3, the following site are considered to present a potential of producing water:

Table 4 Recommended Bore Sites

Location	Number of Bores	Location	Anticipated Depth	Rationale	Land Ownership
Sydney Flat	3	Approx. 7km northeast of WTP	30 – 50m	Reports of rapid water ingress into mine shafts.	Private and Crown Land
Vicinity of GW96889.1.1 (“Lake View”)	2	Approx. 3.8km south-southeast of WTP	140m	Yield >2.5L/s reported in bore log – corresponds to mapped granite outcrop and airborne magnetic anomaly.	Private and Crown Land (road verge)
High yielding gravels – Arding area	3	Approx. 13km northeast of WTP	20 – 50m	Yield >5L/s reported in bore logs, geology described as basalt overlying gravel.	Private
Cherry Tree Hill	2	2.5km southeast of WTP	30 – 40m	Yields >3L/s and basalt geology reported in bore logs.	Private and Crown Land (road verge)
Spring zones near Kentucky Creek	3	Within 2km of WTP	150m	Springs may be indicative of a geologically controlled constant water bearing zone in the granite.	Private
Regional spring zones	3	Within 5km of WTP	150m		Private

5. CONCLUSIONS

Based on the information reviewed as part of this desktop assessment, there appears to be water bearing zones in tertiary alluvial gravels/sands located under basalt caprock to the northeast of the WTP.

Geological mapping indicates the basalt flows extend to the east of the WTP and isolated basalt outcrops are also present which may yield sufficiently high amounts of water for the additional water supply.

The geology in the immediate vicinity of the WTP comprises granodiorite which, based on the drilling reports for bores in the area, are low yielding and unlikely to provide sufficient water. Spring fed creeks and dams are reported to be present within the granites which may offer a viable water source, however further investigation into the flow rates and water quality will be required to confirm this.

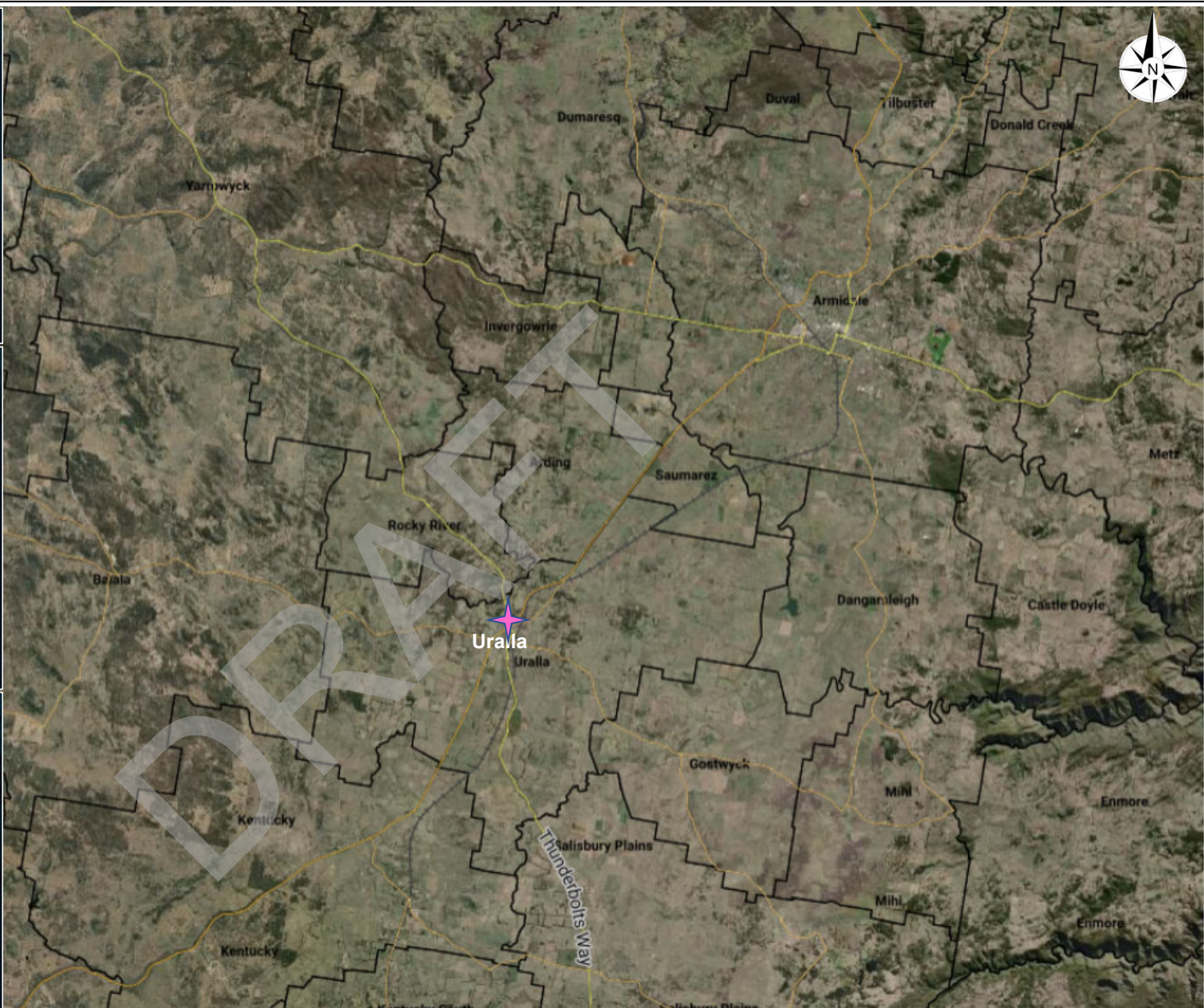
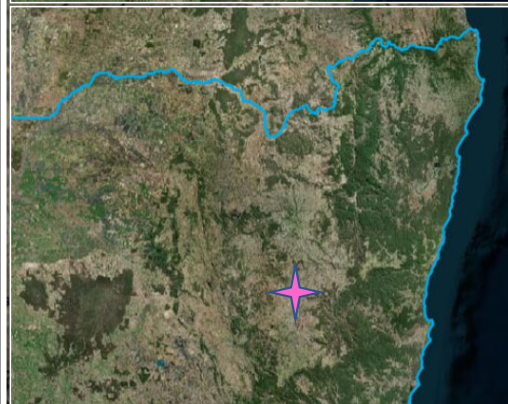
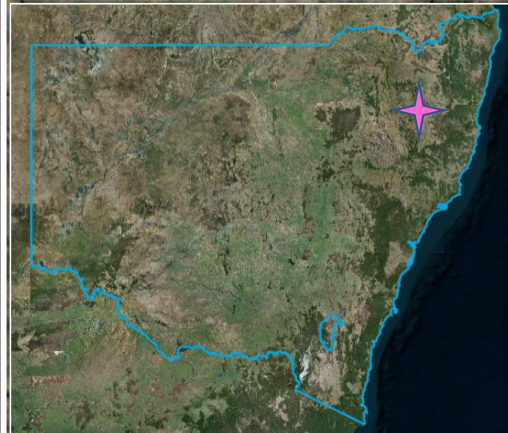
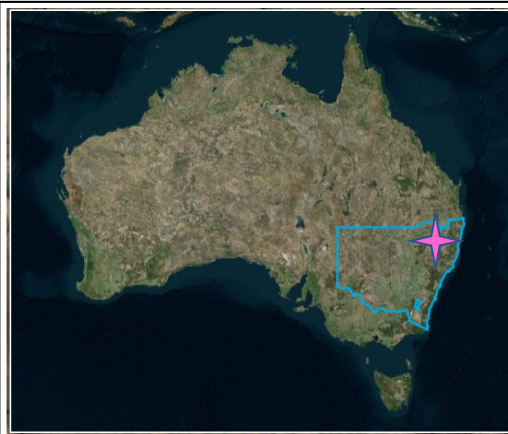
Given the above, there appears to be potential water bearing zones within the district that would be capable of delivering the required 1.5ML/day to augment the current water supply.



APPENDIX A

FIGURES

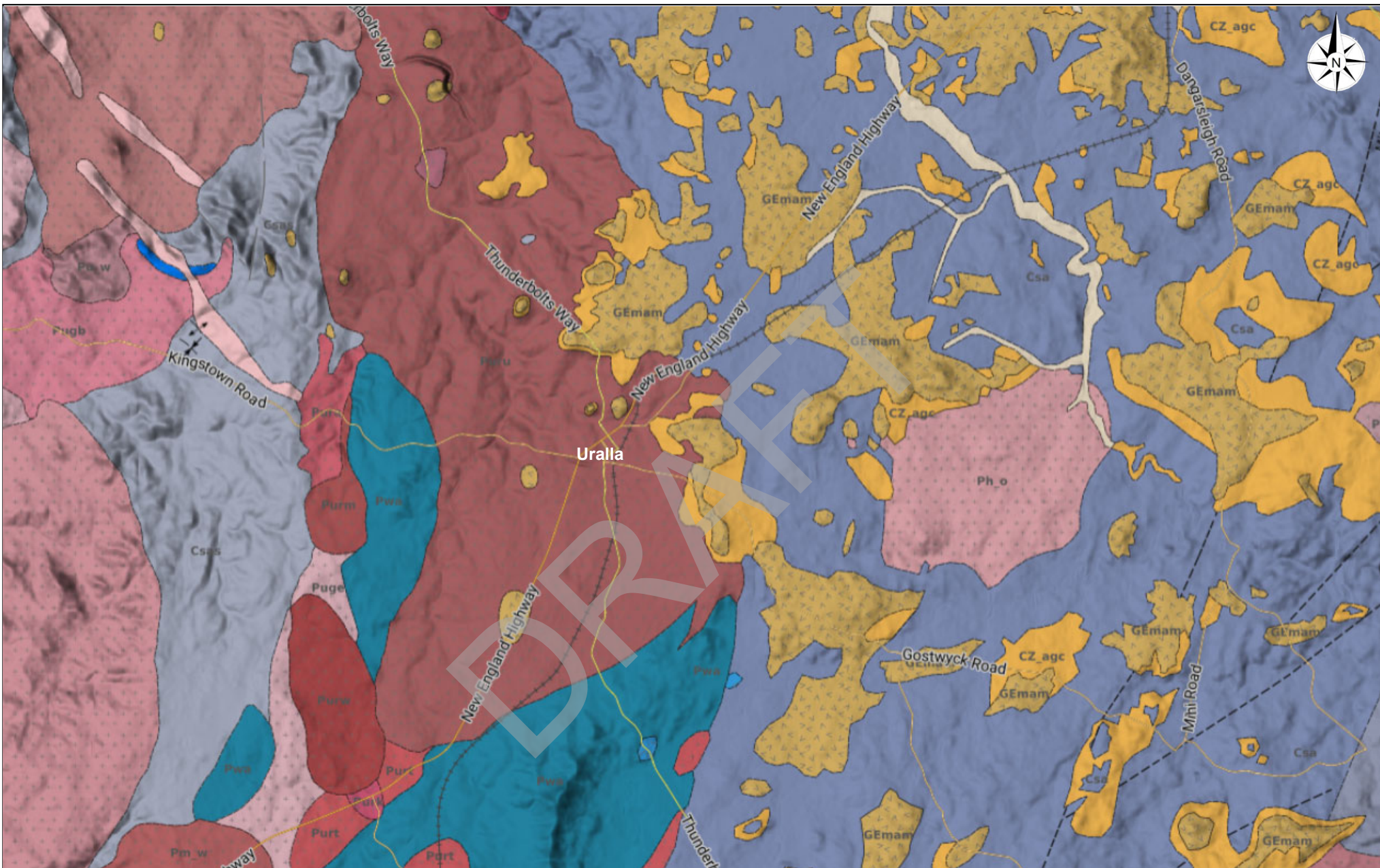
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Title		Uralla Groundwater Assessment
Location		Uralla, NSW
Client		Uralla Council
Job No.		21054
Date		23/09/2021

FIGURE 1
Regional Location

Source: <https://minview.geoscience.nsw.gov.au/>



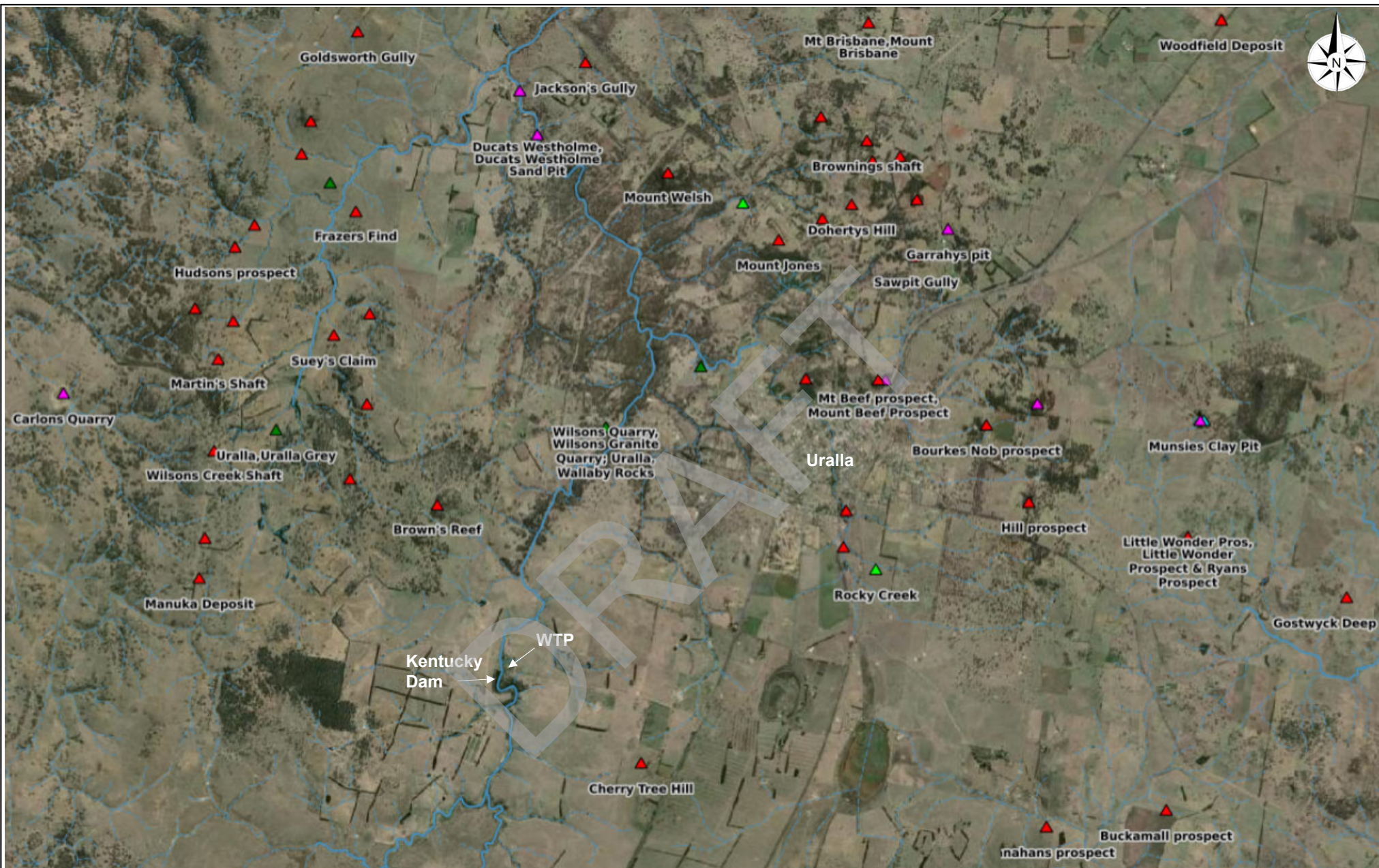
0m 500m 2,000m



Title		Uralla Groundwater Assessment
Location		Uralla, NSW
Client		Uralla Council
Job No.		21054
Date		23/09/2021

FIGURE 2
Regional Geology

Source: <https://minview.geoscience.nsw.gov.au/>



- ▲ Metallic minerals
- ▲ Construction materials
- ▲ Gem stones
- ▲ Dimension stone

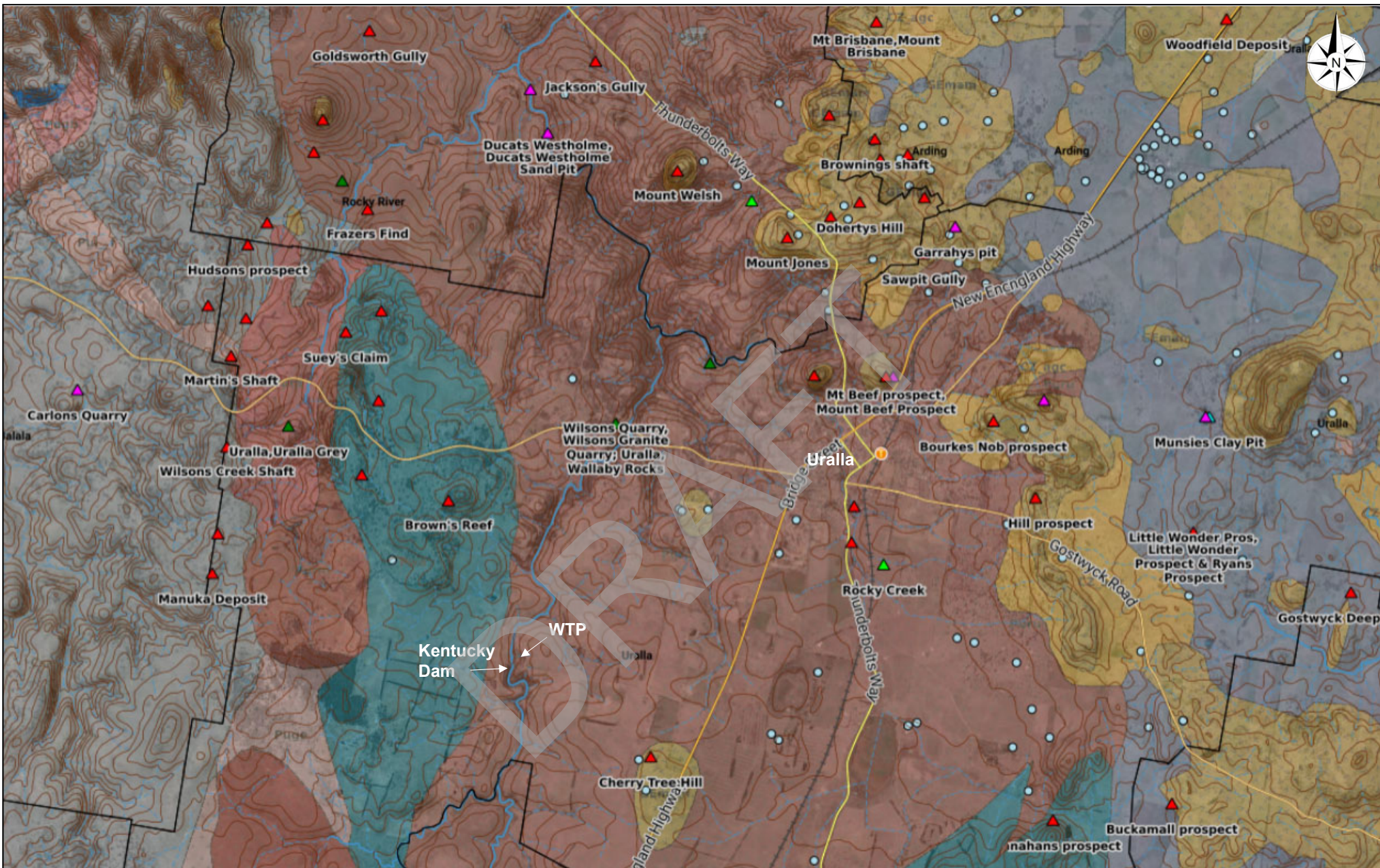
0m 500m 2,000m



Title		Uralla Groundwater Assessment
Location		Uralla, NSW
Client		Uralla Council
Job No.		21054
Date		23/09/2021

FIGURE 3
Current and Historic Mines

Source: <https://minview.geoscience.nsw.gov.au/>



- ▲ Metallic minerals
- ▲ Construction materials
- ▲ Gem stones
- ▲ Dimension stone
- Licenced bore

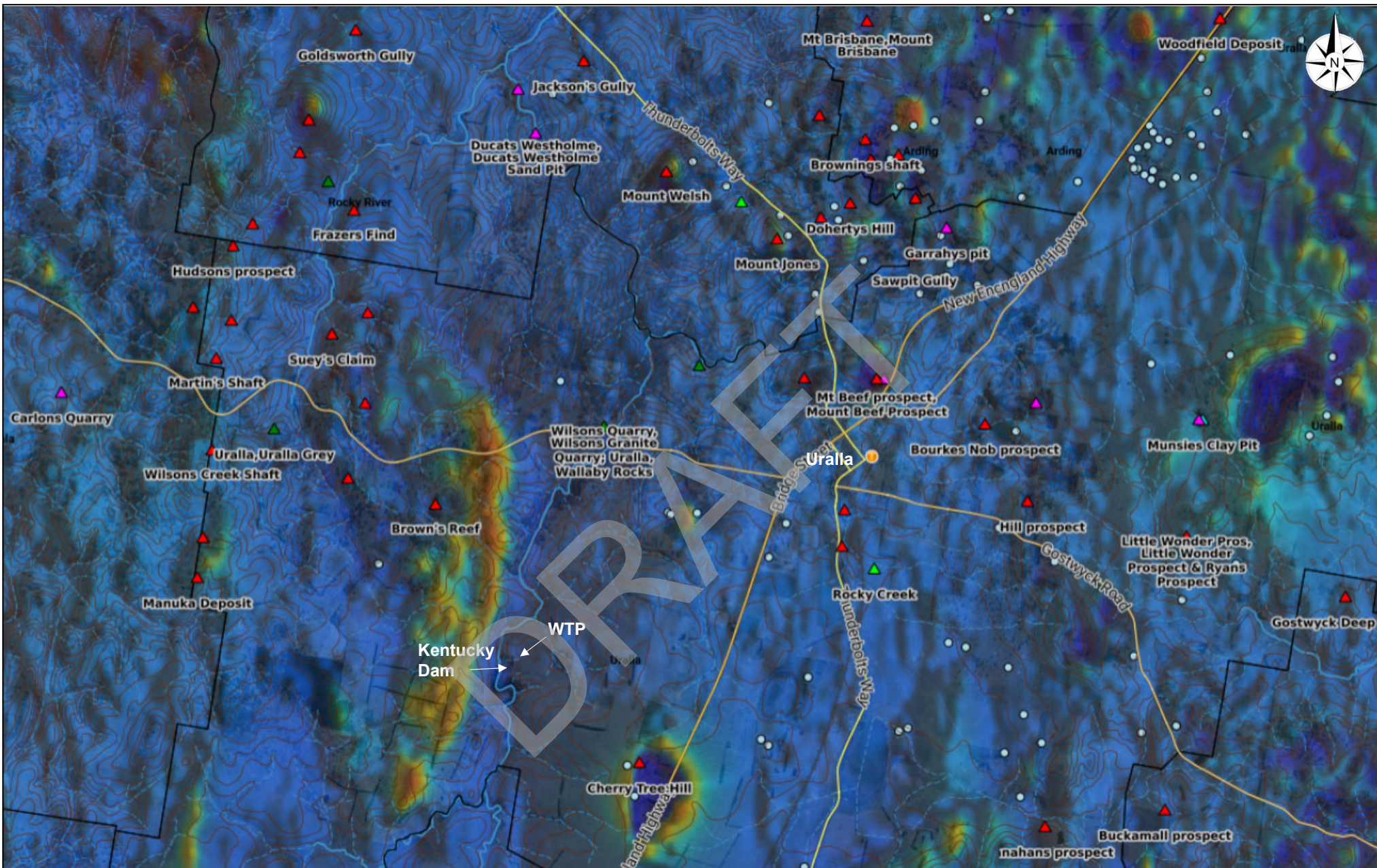
0m 500m 2,000m



Title	Uralla Groundwater Assessment
Location	Uralla, NSW
Client	Uralla Council
Job No.	21054
Date	23/09/2021

FIGURE 4
 Topography, Geology,
 Groundwater Bores and Mines

Source: <https://minview.geoscience.nsw.gov.au/>



- ▲ Metallic minerals
- ▲ Construction materials
- ▲ Gem stones
- ▲ Dimension stone
- Licenced bore

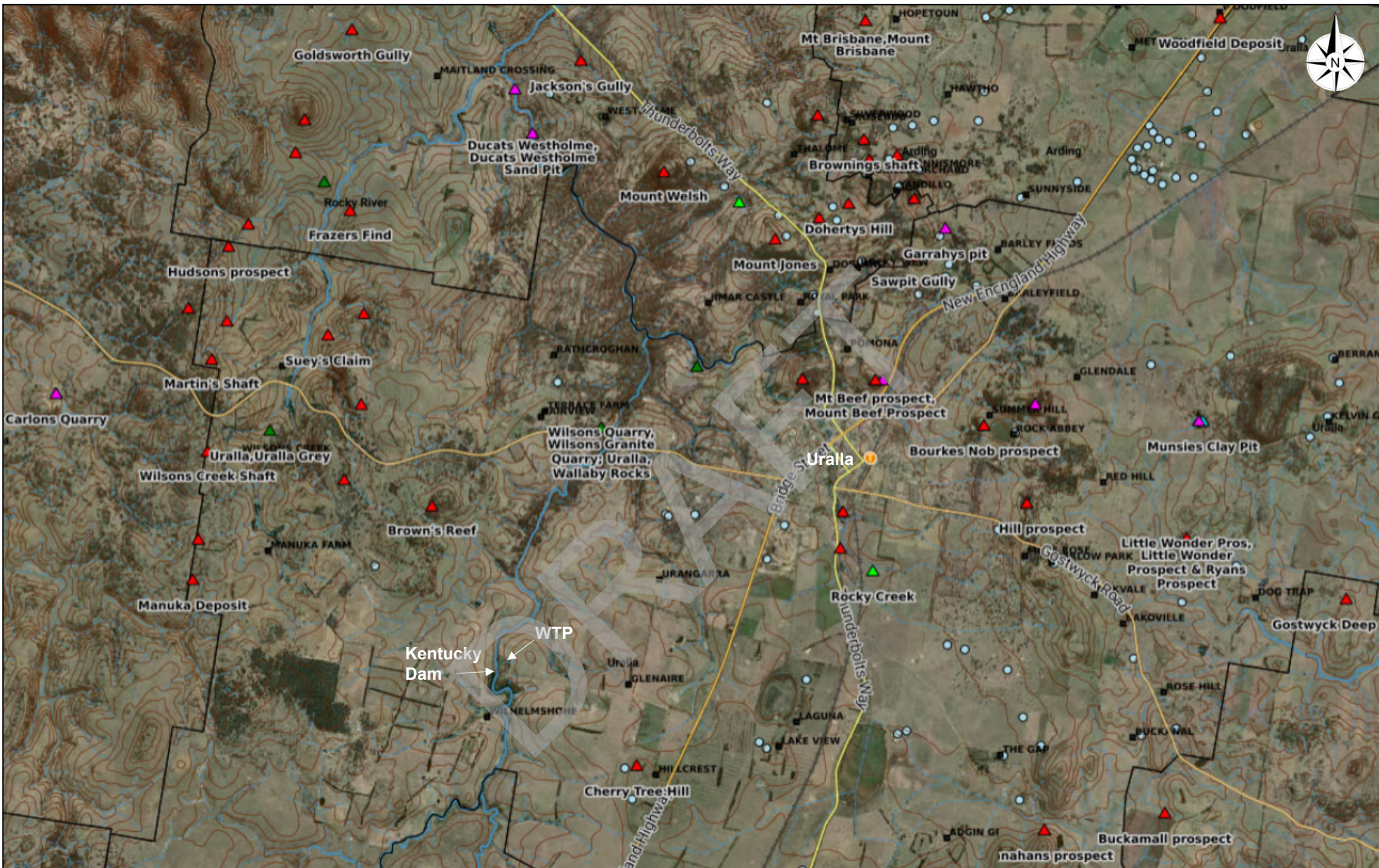
0m 500m 2,000m



Title	Uralla Groundwater Assessment
Location	Uralla, NSW
Client	Uralla Council
Job No.	21054
Date	23/09/2021

FIGURE 5
Airborne Magnetic Survey

Source: <https://minview.geoscience.nsw.gov.au/>



- ▲ Metallic minerals
- ▲ Construction materials
- ▲ Gem stones
- ▲ Dimension stone
- Licenced bore
- Homestead

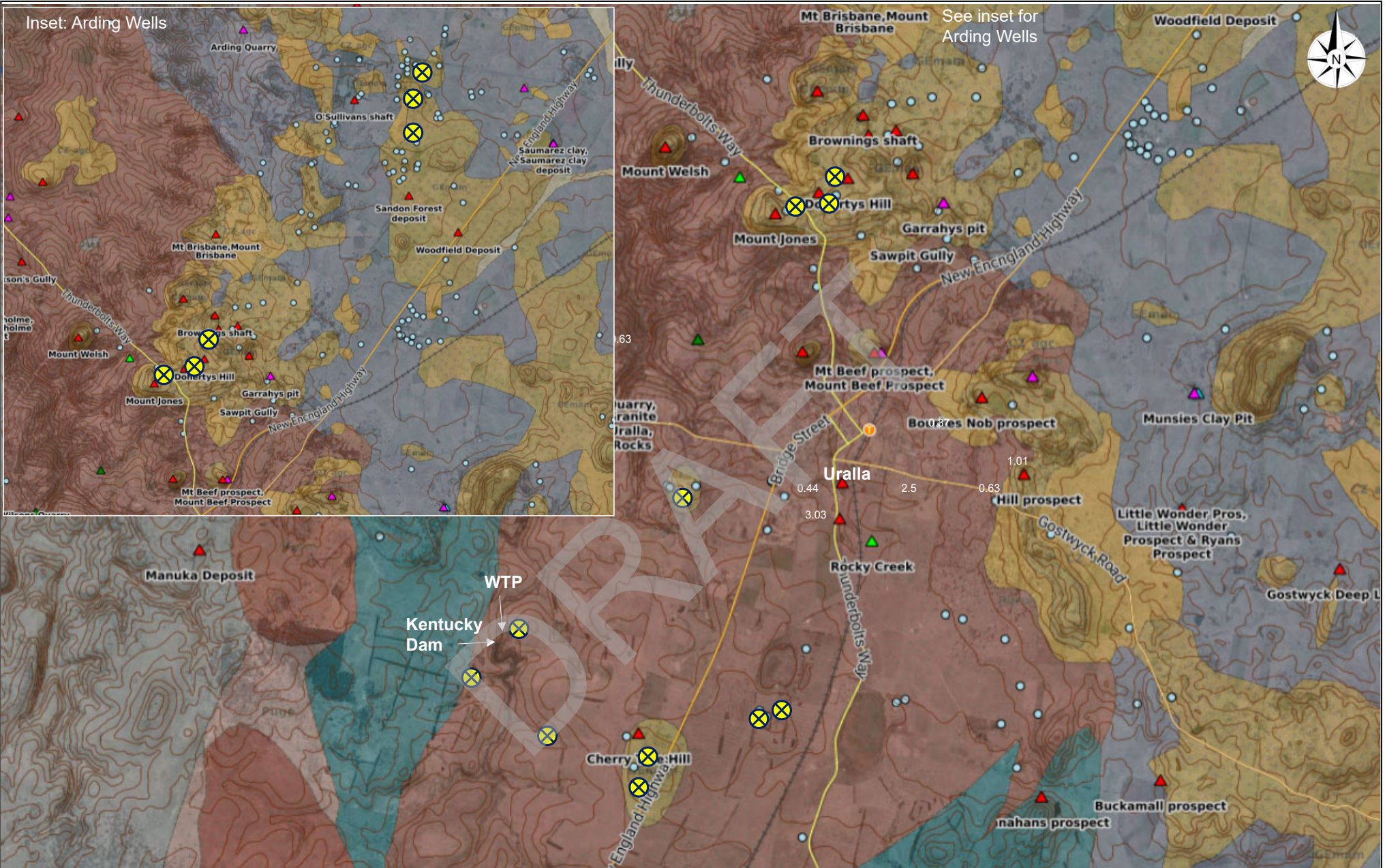
0m 500m 2,000m



Title		Uralla Groundwater Assessment
Location		Uralla, NSW
Client		Uralla Council
Job No.		21054
Date		23/09/2021

FIGURE 6
Topography, Mines and Homesteads

Source: <https://minview.geoscience.nsw.gov.au/>



Title	Uralla Groundwater Assessment
Location	Uralla, NSW
Client	Uralla Council
Job No.	21054
Date	23/09/2021

FIGURE 7
Potential Bore Locations



Source: <https://minview.geoscience.nsw.gov.au/>



APPENDIX B

BORE SEARCH

DRAFT

WaterNSW

Work Summary

GW011305

Licence: 90WA823935

Licence Status: CANCELLED

Authorised Purpose(s): ORCHARDS (GROUNDWATER),DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1955

Final Depth: 41.80 m
Drilled Depth: 41.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: MABBOTT'S 112 Burtons Lane
KENTUCKY SOUTH 2354 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
98
Whole Lot 98//755838

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6590475.000
Easting: 349227.000

Latitude: 30°48'33.3"S
Longitude: 151°25'26.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: PR.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Iron	-0.40	17.00	152			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.50	19.50	0.00	Fractured	19.50		0.19			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	16.15	16.15	Granite Decomposed	Granite	
16.15	41.76	25.61	Granite Hard Water Supply	Granite	

***** End of GW011305 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW011497

Licence: 30WA310513

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1955

Final Depth: 46.90 m
Drilled Depth: 46.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: ROSTYLEEN NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
BLACKNOTE
BLACKNOTE

Cadastre
297
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6587460.000
Easting: 358411.000

Latitude: 30°50'15.3"S
Longitude: 151°31'10.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	46.90	152			Seated on Bottom

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.44	2.44	Soil Clay	Soil	
2.44	29.87	27.43	Slate Decomposed	Slate	
29.87	45.72	15.85	Slate Yellow Oxide	Slate	
45.72	46.33	0.61	Slate	Slate	
46.33	46.94	0.61	Slate Black Hard	Slate	

*** End of GW011497 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW012837

Licence: 30WA320605

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC,FARMING
Intended Purpose(s): GENERAL USE

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1957

Final Depth: 61.00 m
Drilled Depth: 61.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: DALMENY 12 KELLY'S PLAINS
SCHOOL ROAD ARMIDALE 2350
NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
171
Whole Lot 2//571779

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617256.000
Easting: 369688.000

Latitude: 30°34'12.3"S
Longitude: 151°38'28.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	30.90	152			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
40.80	42.30	1.50	Fractured	27.40		0.28			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Soil	Soil	
0.91	3.66	2.75	Clay	Clay	
3.66	25.30	21.64	Pipe Clay White Red	Clay	
25.30	57.00	31.70	Greybilly Water Supply	Silcrete	
57.00	60.96	3.96	Basalt	Basalt	

***** End of GW012837 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW013073

Licence: 90WA824003

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1956

Final Depth: 20.40 m
Drilled Depth: 20.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: ARDING NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
383
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618402.000
Easting: 360401.000

Latitude: 30°33'31.3"S
Longitude: 151°32'40.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	19.80	152			Seated on Bottom
1	1	Opening	Slots	15.20	20.40	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.80	16.40	0.60	(Unknown)	5.20		0.44			
18.90	20.40	1.50	(Unknown)	5.20		1.26			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Soil	Soil	
0.91	1.83	0.92	Ironstone	Ironstone	
1.83	16.46	14.63	Clay Water Supply	Clay	
16.46	18.90	2.44	Basalt	Basalt	
18.90	20.42	1.52	Sand White Water Supply	Sand	

*** End of GW013073 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW013613

Licence: 30WA310534

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1957

Final Depth: 17.40 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
209
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6610338.000
Easting: 363088.000

Latitude: 30°37'54.3"S
Longitude: 151°34'17.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.90	16.50	152			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.60	14.60	0.00	(Unknown)	9.80		0.23			

*** End of GW013613 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW015460

Licence: 90WA824013

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1957

Final Depth: 19.20 m
Drilled Depth: 19.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: MOUNT BRISBANE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
92
Whole Lot 92//755807

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613909.000
Easting: 358248.000

Latitude: 30°35'56.3"S
Longitude: 151°31'17.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	19.20	152			Seated on Bottom
1	1	Opening	Slots	0.00	5.90	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.90	18.30	3.40	Unconsolidated	3.70		1.90			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.52	1.52	Soil	Soil	
1.52	14.94	13.42	Clay	Clay	
14.94	18.29	3.35	Sand Water Supply	Sand	
18.29	19.20	0.91	Clay	Clay	

***** End of GW015460 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW015461

Licence: 90WA824012

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1957

Final Depth: 27.40 m
Drilled Depth: 27.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: MOUNT BRISBANE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
92
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613508.000
Easting: 358173.000

Latitude: 30°36'09.3"S
Longitude: 151°31'14.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	17.60	152			Suspended in Clamps
1	1	Opening	Slots	0.00	5.60	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.60	15.50	0.90	Fractured	8.50		0.38			
22.90	24.70	1.80	Fractured	8.50		0.76			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.22	1.22	Soil	Soil	
1.22	8.53	7.31	Clay	Clay	
8.53	27.43	18.90	Basalt Water Supply	Basalt	

***** End of GW015461 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW015462

Licence: 90WA824011

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1957

Final Depth: 22.90 m
Drilled Depth: 22.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: MOUNT BRISBANE NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
165
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613400.000
Easting: 357003.000

Latitude: 30°36'12.3"S
Longitude: 151°30'30.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	22.80	152			Seated on Bottom
1	1	Opening	Slots	0.00	5.80	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
18.60	21.30	2.70	Unconsolidated	5.20		1.64			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.13	2.13	Soil	Soil	
2.13	17.98	15.85	Basalt	Basalt	
17.98	18.59	0.61	Coal	Coal	
18.59	21.34	2.75	Sand Water Supply	Sand	
21.34	22.86	1.52	Granite	Granite	

***** End of GW015462 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW015707

Licence: 30WA310515

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): NOT KNOWN

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1956

Final Depth: 33.80 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: GLEN LASSIE NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
274
Whole Lot //

Region: 30 - North Coast

River Basin: 419 - NAMOI RIVER
Area/District:

CMA Map: 9136-2N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6587335.000
Easting: 349325.000

Latitude: 30°50'15.3"S
Longitude: 151°25'28.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Remarks

30/06/1982: SANDSTONE AT 30.48M

*** End of GW015707 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW015878

Licence: 30WA310519

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1957

Final Depth: 25.60 m
Drilled Depth: 25.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: 501-1000 ppm
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
BLACKNOTE
BLACKNOTE

Cadastre
79
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6587545.000
Easting: 360190.000

Latitude: 30°50'13.3"S
Longitude: 151°32'17.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	17.70	152			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.20	22.50	7.30	Consolidated	12.20		0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	9.14	9.14	Clay	Clay	
9.14	15.24	6.10	Clay Sandy	Clay	
15.24	22.56	7.32	Sandstone Yellow Water Supply	Sandstone	
22.56	25.60	3.04	Slate Hard	Slate	

***** End of GW015878 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW015929

Licence: 90WA824020

Licence Status: CURRENT

Authorised Purpose(s): STOCK,IRRIGATION
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/07/1957

Final Depth: 52.40 m
Drilled Depth: 52.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: EVERTON VALE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastrre: 229
PART LOT 13//570807

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620767.000
Easting: 357571.000

Latitude: 30°32'13.3"S
Longitude: 151°30'55.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.40	23.50	152			
1	1	Opening	Slots	17.70	23.50	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.70	21.90	1.20	Fractured	16.80		0.19			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.22	1.22	Soil	Soil	
1.22	20.73	19.51	Clay	Clay	
20.73	52.43	31.70	Basalt Water Supply	Basalt	

***** End of GW015929 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW016312

Licence: 90WA824148

Licence Status: CURRENT

Authorised Purpose(s): IRRIGATION, CONSERVATION OF WATER
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1961

Final Depth: 31.10 m
Drilled Depth: 31.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: ELDORADO NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: URALLA
Cadastrate: 38
Form A: SANDON
Licensed: SANDON
URALLA
PART LOT 38//755846

Region: 90 - Barwon

CMA Map: 9136-1N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612128.000
Easting: 356247.000

Latitude: 30°36'53.3"S
Longitude: 151°30'01.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	27.20	152			Suspended in Clamps
1	1	Opening	Perforations	20.10	26.20	152		1	Mechanically Slotted, A: 3.18mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.30	26.20	4.90	Unconsolidated	18.30		0.28			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	10.36	10.36	Clay	Clay	
10.36	19.51	9.15	Basalt	Basalt	
19.51	31.09	11.58	Clay Sand Water Supply	Clay	

***** End of GW016312 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW016754

Licence: 90WA834467

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1961

Final Depth: 15.20 m
Drilled Depth: 15.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
17
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617241.000
Easting: 361082.000

Latitude: 30°34'09.3"S
Longitude: 151°33'05.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-1.20	15.30	152			Seated on Bottom
1	1	Opening	Perforations	12.20	15.20	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.60	15.20	0.60	(Unknown)	4.60		1.21			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.66	3.66	Clay Reddish Some Pisolitic Geologist Limonite Haematite Geologist	Clay	
3.66	10.67	7.01	Clay Geologist	Clay	
10.67	14.63	3.96	Clay Silty Geologist	Clay	
14.63	15.24	0.61	Mudstone Fragments Water Supply Geologist Carbonaceous Geologist	Mudstone	

*** End of GW016754 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW016755

Licence: 90WA834466

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1961

Final Depth: 32.90 m
Drilled Depth: 32.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
11
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617772.000
Easting: 361688.000

Latitude: 30°33'52.3"S
Longitude: 151°33'28.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Withdrawn	0.00	26.80	152			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.52	1.52	Ironstone Geologist	Ironstone	
1.52	6.10	4.58	Tuff Fine Geologist	Tuff	
6.10	12.19	6.09	Clay Geologist	Clay	
12.19	18.29	6.10	Tuff Pink Geologist	Tuff	
18.29	26.82	8.53	Tuff Grey Geologist	Tuff	
26.82	27.43	0.61	Quartzite Grey Geologist	Quartzite	
27.43	32.92	5.49	Quartzite Fine Geologist	Quartzite	

***** End of GW016755 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW016785

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1961

Final Depth: 29.60 m
Drilled Depth: 29.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
574

Region: 90 - Barwon

CMA Map: 9136-1N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612312.000
Easting: 356191.000

Latitude: 30°36'47.3"S
Longitude: 151°29'59.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	29.60	152			Seated on Bottom
1	1	Opening	Slots	25.00	29.60	152		1	A: 3.18mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.40	24.40	0.00	(Unknown)	18.90		0.51			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	29.57	29.57	Water Supply	(Unknown)	
29.57	29.58	0.01	Granite	Granite	

Remarks

*** End of GW016785 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW016959

Licence: 30WA310524

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1958

Final Depth: 42.70 m
Drilled Depth: 42.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: HARMONY HILLS NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: 0-500 ppm
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
266
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6589052.000
Easting: 348742.000

Latitude: 30°49'19.3"S
Longitude: 151°25'07.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	42.70	152			Seated on Bottom

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
39.30	39.60	0.30	Fractured	33.20		0.29			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	28.96	28.96	Granite Soft	Granite	
28.96	42.67	13.71	Granite Hard Water Supply	Granite	

***** End of GW016959 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW017035

Licence: 30WA310540

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): NOT KNOWN

Work Type: Well

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1959

Final Depth: 24.40 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
499
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6621119.000
Easting: 370840.000

Latitude: 30°32'07.3"S
Longitude: 151°39'13.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Brick	0.00	0.00	1219			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.30	24.30	3.00	(Unknown)			0.63			

*** End of GW017035 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW017133

Licence: 30WA310531

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): NOT KNOWN

Work Type: Well

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1928

Final Depth: 11.60 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: PALMERSTON NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description: 501-1000 ppm
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
192
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618809.000
Easting: 373373.000

Latitude: 30°33'23.3"S
Longitude: 151°40'47.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Brick	0.00	0.00	1219			

*** End of GW017133 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW017333

Licence: 30WA310532

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): NOT KNOWN

Work Type: Well

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1928

Final Depth: 11.30 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: PALMERSTON NSW

Standing Water Level

(m):

GWMA: -
GW Zone: -

Salinity Description: 501-1000 ppm
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
192
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618625.000
Easting: 373508.000

Latitude: 30°33'29.3"S
Longitude: 151°40'52.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Brick	0.00	0.00	1524			

*** End of GW017333 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW017563

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): NOT KNOWN

Work Type: Well

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:

Final Depth: 18.30 m

Completion Date:

Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:

Salinity Description:

GW Zone:

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
499

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6621118.000
Easting: 370760.000

Latitude: 30°32'07.3"S
Longitude: 151°39'10.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Brick	0.00	0.00	1219			

*** End of GW017563 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW018081

Licence: 30WA310539

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1959

Final Depth: 52.70 m
Drilled Depth: 52.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Hard
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
500
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6621455.000
Easting: 370676.000

Latitude: 30°31'56.3"S
Longitude: 151°39'07.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	52.70	127			Seated on Bottom
1	1	Opening	Slots	30.50	53.40	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
29.30	30.50	1.20	Unconsolidated	27.10		0.13			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	29.26	29.26	Clay	Clay	
29.26	30.48	1.22	Sand Water Supply	Sand	
30.48	39.62	9.14	Basalt	Basalt	
39.62	52.73	13.11	Gravel	Gravel	

***** End of GW018081 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW018560

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): WASTE DISPOSAL

Work Type: Well

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1961

Final Depth: 6.40 m
Drilled Depth: 6.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
289

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612569.000
Easting: 354696.000

Latitude: 30°36'38.3"S
Longitude: 151°29'03.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Brick	0.00	0.00	914			
1	1	Casing	Concrete Cylinder	0.00	2.40	914			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.46	0.46	Loam	Loam	
0.46	1.52	1.06	Clay	Clay	
1.52	6.40	4.88	Granite Decomposed	Granite	

*** End of GW018560 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW018571

Licence: 90WA824189

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1962

Final Depth: 25.90 m
Drilled Depth: 25.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: THE GLEN NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
359
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611578.000
Easting: 356601.000

Latitude: 30°37'11.3"S
Longitude: 151°30'14.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	25.90	152			Seated on Bottom
1	1	Opening	Perforations	0.00	5.30	152		1	Mechanically Slotted

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.10	22.30	5.20	Unconsolidated	17.10		0.19			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Soil Sandy	Soil	
0.91	3.35	2.44	Clay	Clay	
3.35	25.30	21.95	Sand Granitic Water Supply	Sand	
25.30	25.91	0.61	Granite	Granite	

***** End of GW018571 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW019985

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1962

Final Depth: 34.10 m
Drilled Depth: 34.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
DANGARSLEIGH

Cadastre
210

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611310.000
Easting: 364407.000

Latitude: 30°37'23.3"S
Longitude: 151°35'07.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	2.44	2.14	Clay Yellow	Clay	
2.44	8.53	6.09	Clay	Clay	
8.53	19.20	10.67	Basalt Broken Clay Seams	Basalt	
19.20	34.14	14.94	Basalt Solid	Basalt	

*** End of GW019985 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW019986

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1962

Final Depth: 15.80 m
Drilled Depth: 15.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
DANGARSLEIGH

Cadastre
210

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611127.000
Easting: 364596.000

Latitude: 30°37'29.3"S
Longitude: 151°35'14.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	10.06	9.45	Clay Yellow Small Boulder	Clay	
10.06	15.85	5.79	Basalt Solid	Basalt	

*** End of GW019986 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW019987

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1962

Final Depth: 31.70 m
Drilled Depth: 31.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
DANGARSLEIGH

Cadastre
210

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611251.000
Easting: 364647.000

Latitude: 30°37'25.3"S
Longitude: 151°35'16.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	31.70	31.70	Basalt	Basalt	

*** End of GW019987 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW021629

Licence: 30WA320106

Licence Status: CURRENT

Authorised Purpose(s): FARMING
Intended Purpose(s): NOT KNOWN

Work Type: Well

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1890

Final Depth: 7.60 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A 102 KIA ORA ROAD
ARMIDALE NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
BUTLER
BUTLER

Cadastre
252
Whole Lot 3//214086

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620264.000
Easting: 366426.000

Latitude: 30°32'33.3"S
Longitude: 151°36'27.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Brick	-1.80	-1.80	1219			

*** End of GW021629 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW022100

Licence: 90WA824244

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): IRRIGATION

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1963

Final Depth: 24.40 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: AVONDALE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: 0-500 ppm
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
HARNHAM
HARNHAM

Cadastre
277
Whole Lot
276/755829

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6595799.000
Easting: 351147.000

Latitude: 30°45'41.3"S
Longitude: 151°26'41.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	20.60	152			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.80	22.80	3.00	Fractured	16.80		0.13			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	2.74	2.44	Clay Yellow	Clay	
2.74	16.15	13.41	Clay Sandy	Clay	
16.15	22.56	6.41	Granite Water Supply	Granite	
22.56	24.38	1.82	Granite Very Hard Water Supply	Granite	

***** End of GW022100 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022110

Licence: 90WA824254

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): GENERAL USE

Work Type: Well

Work Status:

Construct.Method: Hand Dug

Owner Type: Private

Commenced Date:
Completion Date:

Final Depth: 1.80 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHERRY HILL NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description: 0-500 ppm
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SALTASH
SALTASH

Cadastre
111
Whole Lot //

Region: 90 - Barwon

CMA Map: 9136-1N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619801.000
Easting: 352147.000

Latitude: 30°32'42.3"S
Longitude: 151°27'31.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Timber	0.00	0.00	2134			

*** End of GW022110 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW022812

Licence: 90WA824274

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 11.60 m
Drilled Depth: 11.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
82
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6591844.000
Easting: 350245.000

Latitude: 30°47'49.3"S
Longitude: 151°26'05.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	11.60	127			Seated on Bottom
1	1	Opening	Slots	7.60	11.60	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
7.60	11.60	4.00	Fractured			0.10			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	4.27	3.66	Clay	Clay	
4.27	11.58	7.31	Granite Decomposed Water Supply	Granite	
11.58	11.60	0.02	Granite	Granite	

***** End of GW022812 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022913

Licence: 30WA310573

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 24.40 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: TAHMOOR NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SALISBURY
SALISBURY

Cadastre
166
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6594161.000
Easting: 359837.000

Latitude: 30°46'38.3"S
Longitude: 151°32'07.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	14.60	127			Driven into Hole
1	1	Opening	Slots	11.60	14.60	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
11.00	23.20	12.20	Fractured			0.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	2.44	1.83	Clay	Clay	
2.44	14.63	12.19	Basalt Weathered Water Supply	Basalt	
14.63	24.38	9.75	Basalt Water Supply	Basalt	

***** End of GW022913 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022958

Licence: 90WA824288

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 20.10 m
Drilled Depth: 20.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: Greenacres NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
152
PART LOT
152//755838

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6591573.000
Easting: 348467.000

Latitude: 30°47'57.3"S
Longitude: 151°24'58.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	20.10	127			Seated on Bottom
1	1	Opening	Slots	12.20	20.10	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.80	20.10	7.30	Fractured	9.10		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil	Topsoil	
0.91	4.27	3.36	Clay	Clay	
4.27	20.12	15.85	Granite Decomposed Water Supply	Granite	

***** End of GW022958 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022959

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 28.00 m
Drilled Depth: 28.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SANDON

Cadastre
110

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6594358.000
Easting: 351592.000

Latitude: 30°46'28.3"S
Longitude: 151°26'57.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	26.80	127			Seated
1	1	Opening	Slots	11.60	26.80	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.80	28.00	15.20	Fractured	3.70		2.02			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	6.71	6.10	Clay	Clay	
6.71	28.04	21.33	Granite Decomposed Water Supply	Granite	
28.04	28.06	0.02	Granite	Granite	

***** End of GW022959 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022960

Licence: 30WA307451

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 14.30 m
Drilled Depth: 14.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: WOLLUN VALE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
56
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 419 - NAMOI RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6590515.000
Easting: 345585.000

Latitude: 30°48'30.3"S
Longitude: 151°23'09.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	12.50	127			Seated
1	1	Opening	Slots	6.40	12.50	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
8.80	9.70	0.90	Fractured	7.60		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	3.05	2.44	Clay	Clay	
3.05	8.84	5.79	Granite Decomposed	Granite	
8.84	10.67	1.83	Granite Water Supply	Granite	
10.67	12.50	1.83	Granite Decomposed	Granite	
12.50	14.33	1.83	Granite	Granite	

***** End of GW022960 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022961

Licence: 30WA310571

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 26.20 m
Drilled Depth: 26.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: GLEN LOSSIE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
274
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 419 - NAMOI RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6587148.000
Easting: 349168.000

Latitude: 30°50'21.3"S
Longitude: 151°25'22.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	26.20	127			Seated on Bottom
1	1	Opening	Slots	12.20	26.20	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.20	26.20	11.00	Fractured			0.32			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.22	1.22	Topsoil	Topsoil	
1.22	4.88	3.66	Clay	Clay	
4.88	25.91	21.03	Granite Decomposed Water Supply	Granite	
25.91	26.21	0.30	Granite Water Supply	Granite	

***** End of GW022961 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022962

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 15.80 m
Drilled Depth: 15.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
GOSTWYCK

Cadastre
146

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6605261.000
Easting: 360997.000

Latitude: 30°40'38.3"S
Longitude: 151°32'56.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	15.90	127			Seated on Bottom
1	1	Opening	Slots	9.10	15.80	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
10.40	15.90	5.50	Fractured			0.69			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil	Topsoil	
0.91	2.74	1.83	Clay	Clay	
2.74	9.75	7.01	Basalt	Basalt	
9.75	15.24	5.49	Basalt Decomposed	Basalt	
15.24	15.85	0.61	Basalt Water Supply	Basalt	

***** End of GW022962 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022965

Licence: 30WA310559

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 25.90 m
Drilled Depth: 25.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: KILLARA 413 Eastern Ave
KENTUCKY SOUTH 2354 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SALTASH

Cadastre
122
Whole Lot
122/755838

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6592607.000
Easting: 351962.000

Latitude: 30°47'25.3"S
Longitude: 151°27'10.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	24.40	127			Seated
1	1	Opening	Slots	12.20	24.40	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.80	25.90	9.10	Fractured			0.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	3.66	3.05	Clay	Clay	
3.66	25.91	22.25	Granite Decomposed Water Supply	Granite	

*** End of GW022965 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022967

Licence: 30WA307450

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 12.80 m
Drilled Depth: 12.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: WILSONS CREEK NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DEVON
DEVON

Cadastre
211
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6607331.000
Easting: 349975.000

Latitude: 30°39'26.3"S
Longitude: 151°26'03.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	11.60	127			Driven into Hole
1	1	Opening	Slots	8.50	11.50	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
9.80	10.10	0.30	Fractured						
12.20	12.40	0.20	Fractured			0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	1.22	0.61	Clay	Clay	
1.22	2.44	1.22	Basalt	Basalt	
2.44	5.49	3.05	Clay	Clay	
5.49	9.14	3.65	Basalt Decomposed	Basalt	

9.14	12.19	3.05	Basalt Water Bearing	Basalt	
12.19	12.80	0.61	Granite Water Supply	Granite	

*** End of GW022967 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022972

Licence: 30WA310560

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/09/1965

Final Depth: 20.70 m
Drilled Depth: 20.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
124
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6592651.000
Easting: 352865.000

Latitude: 30°47'24.3"S
Longitude: 151°27'44.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	19.30	127			Seated
1	1	Opening	Slots	3.70	5.50	127		1	
1	1	Opening	Slots	7.90	9.70	127		2	
1	1	Opening	Slots	13.10	19.20	127		3	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.50	5.50	0.00	Fractured						
9.80	9.80	0.00	Fractured						
18.90	18.90	0.00	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.22	1.22	Soil	Soil	
1.22	3.66	2.44	Clay	Clay	

3.66	6.10	2.44	Ironstone Water Bearing	Ironstone	
6.10	7.92	1.82	Granite Boulder	Granite	
7.92	9.75	1.83	Granite Decomposed	Granite	
9.75	14.02	4.27	Granite Water Bearing	Granite	
14.02	20.73	6.71	Granite Decomposed Water Bearing	Granite	

*** End of GW022972 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW022973

Licence: 90WA834469

Licence Status: CURRENT

Authorised Purpose(s): FARMING
Intended Purpose(s): FARMING

Work Type: Bore open thru rock

Work Status: Supply Obtained

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 18.90 m
Drilled Depth: 18.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A 250 EASTERN AVENUE
KENTUCKY SOUTH NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s): 0.380

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
111
Whole Lot
111/755838

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6593646.000
Easting: 351363.000

Latitude: 30°46'51.3"S
Longitude: 151°26'48.0"E

GS Map: -

MGA Zone: 56

Coordinate Source:

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	10.50	102			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.80	13.00	0.20	(Unknown)			0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	4.27	3.66	Clay	Clay	
4.27	7.92	3.65	Granite	Granite	
7.92	9.75	1.83	Basalt	Basalt	
9.75	12.80	3.05	Granite	Granite	
12.80	14.02	1.22	Water Supply	(Unknown)	

Remarks

10/11/2009: Updated details as per existing data.

***** End of GW022973 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023032

Licence: 30WA310568

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 11.40 m
Drilled Depth: 17.07 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: KESWICK NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SALISBURY
SALISBURY

Cadastre
4
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6594549.000
Easting: 358928.000

Latitude: 30°46'25.3"S
Longitude: 151°31'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	11.40	127			Driven into Hole
1	1	Opening	Slots	4.90	11.30	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
7.60	8.80	1.20	Fractured	2.10		0.69			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	4.27	3.66	Clay	Clay	
4.27	7.62	3.35	Basalt Weathered	Basalt	
7.62	17.07	9.45	Basalt Water Supply	Basalt	

***** End of GW023032 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023118

Licence: 90WA834473

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 44.20 m
Drilled Depth: 44.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SAUMAREZ NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
33
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618532.000
Easting: 360932.000

Latitude: 30°33'27.3"S
Longitude: 151°32'60.0"E

GS Map: -

MGA Zone: 56

Coordinate Source:

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening	Slots	-100.00	4.60	127		1	
1	1	Casing	Threaded Steel	-0.30	21.60	127			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
18.30	21.30	3.00	Fractured	4.60		0.38			
36.60	39.60	3.00	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	18.29	18.29	Clay	Clay	
18.29	44.20	25.91	Slate Grey Hard Rock Water Supply	Slate	

***** End of GW023118 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023320

Licence: 30WA310578

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 18.30 m
Drilled Depth: 18.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: BIRDWOOD KNOLL 308 Eastern
Ave KENTUCKY SOUTH 2354
NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
114
Whole Lot
114/755838

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6593364.000
Easting: 350995.000

Latitude: 30°47'00.3"S
Longitude: 151°26'34.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	14.90	102			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.50	17.10	0.60	Fractured			0.19			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil	Topsoil	
0.91	4.57	3.66	Clay	Clay	
4.57	11.58	7.01	Granite Decomposed	Granite	
11.58	18.29	6.71	Granite Water Supply	Granite	

***** End of GW023320 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023332

Licence: 90WA824282

Licence Status: CURRENT

Authorised Purpose(s): STOCK,IRRIGATION
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 23.50 m
Drilled Depth: 23.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: INVERNESS NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
140
PART LOT
140//755838

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6592164.000
Easting: 348884.000

Latitude: 30°47'38.3"S
Longitude: 151°25'14.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	23.50	152			Seated on Bottom
1	1	Opening	Slots	11.30	23.50	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
11.30	23.50	12.20	Fractured			1.39			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	4.88	4.27	Clay	Clay	
4.88	23.47	18.59	Granite Decomposed Water Supply	Granite	

***** End of GW023332 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023352

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 19.80 m
Drilled Depth: 19.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SANDON

Cadastre
125

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6591799.000
Easting: 351415.000

Latitude: 30°47'51.3"S
Longitude: 151°26'49.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	4.60	127			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.80	18.30	1.50	Fractured	12.20		0.15			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	3.05	2.44	Clay	Clay	
3.05	4.88	1.83	Sand Grey	Sand	
4.88	6.40	1.52	Granite	Granite	
6.40	7.01	0.61	Granite Decomposed	Granite	
7.01	16.76	9.75	Granite	Granite	
16.76	18.29	1.53	Granite Decomposed Water Supply	Granite	

***** End of GW023352 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023372

Licence: 30WA310567

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 18.30 m
Drilled Depth: 18.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: QUEENLEE SALISBURY PLAINS
2358 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Excellent
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SALISBURY
SALISBURY

Cadastre
145
Whole Lot
145/755836

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6595327.000
Easting: 359530.000

Latitude: 30°46'00.3"S
Longitude: 151°31'56.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	15.90	127			Driven into Hole
1	1	Opening	Slots	14.30	15.80	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.50	15.80	0.30	Fractured	6.70		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	3.66	3.05	Clay	Clay	
3.66	14.02	10.36	Basalt Decomposed	Basalt	
14.02	15.24	1.22	Basalt	Basalt	
15.24	15.54	0.30	Basalt Decomposed	Basalt	

*** End of GW023372 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW023373

Licence: 30WA310566

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 30.50 m
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: DUNVEGAN 2726 Thunderbolts
Way SALISBURY PLAINS 2358
NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Excellent
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SALISBURY
SALISBURY

Cadastre
169
Whole Lot
169/755836

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6596426.000
Easting: 361138.000

Latitude: 30°45'25.3"S
Longitude: 151°32'57.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	30.50	127			Seated on Bottom
1	1	Opening	Slots	16.80	30.50	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.80	18.00	1.20	Fractured	4.60					
29.00	30.50	1.50	Fractured	4.60		0.44			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil	Topsoil	
0.91	5.49	4.58	Clay	Clay	
5.49	9.75	4.26	Clay Sandy	Clay	

9.75	16.76	7.01	Basalt Decomposed	Basalt	
16.76	18.90	2.14	Basalt Water Supply	Basalt	
18.90	30.48	11.58	Basalt Decomposed Water Supply	Basalt	

*** End of GW023373 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023620

Licence: 90WA834472

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 30.50 m
Drilled Depth: 48.78 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SAUMAREZ NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ELTON
Cadastre: 2 Whole Lot //

Form A: SANDON
Licensed: SANDON

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6621066.000
Easting: 359247.000

Latitude: 30°32'04.3"S
Longitude: 151°31'58.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	30.20	127			
1	1	Opening	Slots	0.00	6.10	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.40	30.50	6.10	Consolidated	6.10		0.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	12.19	12.19	Clay	Clay	
12.19	24.38	12.19	Shale	Shale	
24.38	48.77	24.39	Sandstone Hard Water Supply	Sandstone	
48.77	48.78	0.01	Granite Very Hard	Granite	

***** End of GW023620 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023727

Licence: 30WA310586

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 45.70 m
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: THE KNOBS NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
369
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616951.000
Easting: 372542.000

Latitude: 30°34'23.3"S
Longitude: 151°40'15.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	42.70	127			
1	1	Opening	Slots	38.10	42.70	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
39.60	42.60	3.00	Fractured	27.40		0.13			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	18.29	18.29	Clay	Clay	
18.29	44.20	25.91	Basalt Decomposed Water Supply	Basalt	
44.20	45.72	1.52	Basalt Solid	Basalt	

***** End of GW023727 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023819

Licence: 90WA824284

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 20.70 m
Drilled Depth: 20.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SPRING CREEK NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
243
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616085.000
Easting: 357473.000

Latitude: 30°34'45.3"S
Longitude: 151°30'49.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	14.00	127			
1	1	Opening	Slots	0.00	3.00	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.20	18.30	6.10	Fractured	1.20		0.76			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	12.19	12.19	Clay	Clay	
12.19	20.73	8.54	Rock Hard Decomposed Water Supply	Rock	

*** End of GW023819 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023831

Licence: 90WA824303

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 32.00 m
Drilled Depth: 32.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SPRING CREEK NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
243
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616302.000
Easting: 357524.000

Latitude: 30°34'38.3"S
Longitude: 151°30'51.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening	Slots	-100.00	3.00	127		1	
1	1	Casing	Threaded Steel	-0.30	20.40	127			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
29.00	32.00	3.00	(Unknown)	0.60		0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Clay	Clay	
6.10	15.24	9.14	Rock Decomposed	Rock	
15.24	18.29	3.05	Clay	Clay	
18.29	32.00	13.71	Rock Hard Broken Water Supply	Rock	

***** End of GW023831 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023833

Licence: 90WA834471

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 22.90 m
Drilled Depth: 22.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SAN JOAQUIN NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
HARNHAM
HARNHAM

Cadastre
172
Whole Lot 1//552128

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6595186.000
Easting: 351395.000

Latitude: 30°46'01.3"S
Longitude: 151°26'50.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	20.70	127			Seated
1	1	Opening	Slots	14.60	20.70	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.40	20.80	3.40	(Unknown)			0.09			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.22	1.22	Topsoil	Topsoil	
1.22	4.27	3.05	Clay	Clay	
4.27	20.73	16.46	Granite Decomposed Water Supply	Granite	
20.73	22.86	2.13	Granite	Granite	

***** End of GW023833 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023835

Licence: 90WA824307

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1965

Final Depth: 20.10 m
Drilled Depth: 20.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: VALEVIEW NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
HARNHAM
HARNHAM

Cadastre
52
Whole Lot 3//583314

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6595632.000
Easting: 350218.000

Latitude: 30°45'46.3"S
Longitude: 151°26'06.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	13.40	152			Driven into Hole
1	1	Opening	Slots	6.10	13.40	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.70	8.50	1.80	Fractured			1.01			
13.40	14.60	1.20	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil	Topsoil	
0.91	3.66	2.75	Clay	Clay	
3.66	5.18	1.52	Sand	Sand	
5.18	8.53	3.35	Granite Decomposed Water Supply	Granite	
8.53	12.19	3.66	Granite	Granite	

12.19	13.72	1.53	Granite Decomposed Water Bearing	Granite	
13.72	20.12	6.40	Granite Water Bearing	Granite	

*** End of GW023835 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW023836

Licence: 30WA320110

Licence Status: CURRENT

Authorised Purpose(s): FARMING,DOMESTIC,STOCK
Intended Purpose(s): IRRIGATION

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1965

Final Depth: 15.50 m
Drilled Depth: 15.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: VALE VIEW 283 Eastern Ave
KENTUCKY COUTH 2354 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
112
Whole Lot
112/755838

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6593473.000
Easting: 352243.000

Latitude: 30°46'57.3"S
Longitude: 151°27'21.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	7.90	152			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
7.30	7.90	0.60	Fractured						
11.60	12.80	1.20	Fractured	5.50		1.90			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	3.05	2.44	Clay Dark	Clay	
3.05	5.79	2.74	Clay Light Brown	Clay	
5.79	7.62	1.83	Granite Decomposed Water Bearing	Granite	
7.62	11.58	3.96	Granite Water Bearing	Granite	

11.58	12.80	1.22	Granite Soft Water Supply	Granite	
12.80	15.54	2.74	Granite	Granite	

*** End of GW023836 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW024182

Licence: 30WA310609

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 12.80 m
Drilled Depth: 12.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
127
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612859.000
Easting: 360339.000

Latitude: 30°36'31.3"S
Longitude: 151°32'35.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	9.14	9.14	Clay Red	Clay	
9.14	12.80	3.66	Basalt Hard	Basalt	

*** End of GW024182 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024184

Licence: 30WA310611

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 38.10 m
Drilled Depth: 38.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
127
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612889.000
Easting: 360312.000

Latitude: 30°36'30.3"S
Longitude: 151°32'34.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.05	3.05	Clay Sandy	Clay	
3.05	38.10	35.05	Shale	Shale	

*** End of GW024184 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024185

Licence: 30WA310610

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 21.90 m
Drilled Depth: 22.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
127
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612738.000
Easting: 360554.000

Latitude: 30°36'35.3"S
Longitude: 151°32'43.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	9.14	9.14	Clay Sandy	Clay	
9.14	21.34	12.20	Gravel Dry Clay	Gravel	
21.34	21.95	0.61	Granite	Granite	

*** End of GW024185 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024186

Licence: 30WA310612

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 44.20 m
Drilled Depth: 44.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
127
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613012.000
Easting: 360284.000

Latitude: 30°36'26.3"S
Longitude: 151°32'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Clay Sandy	Clay	
6.10	42.67	36.57	Shale	Shale	
42.67	44.20	1.53	Shale Hard	Shale	

*** End of GW024186 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024187

Licence: 30WA310607

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 39.60 m
Drilled Depth: 39.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
13
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612777.000
Easting: 361139.000

Latitude: 30°36'34.3"S
Longitude: 151°33'05.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Clay Sandy	Clay	
6.10	36.58	30.48	Shale	Shale	
36.58	39.62	3.04	Shale Hard	Shale	

*** End of GW024187 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024188

Licence: 30WA310613

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 42.70 m
Drilled Depth: 42.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
127
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612862.000
Easting: 360579.000

Latitude: 30°36'31.3"S
Longitude: 151°32'44.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Clay Sandy	Clay	
6.10	30.48	24.38	Shale	Shale	
30.48	42.67	12.19	Shale Hard	Shale	

*** End of GW024188 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024189

Licence: 30WA310603

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 15.20 m
Drilled Depth: 15.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
12
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613294.000
Easting: 360653.000

Latitude: 30°36'17.3"S
Longitude: 151°32'47.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.57	4.57	Clay Sandy	Clay	
4.57	13.72	9.15	Rock Decomposed	Rock	
13.72	15.24	1.52	Granite	Granite	

*** End of GW024189 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024190

Licence: 30WA310602

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 30.50 m
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
12
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613385.000
Easting: 360572.000

Latitude: 30°36'14.3"S
Longitude: 151°32'44.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Sand Clay	Sand	
6.10	30.48	24.38	Shale Hard	Shale	

*** End of GW024190 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024191

Licence: 30WA310601

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 15.20 m
Drilled Depth: 15.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
12
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613477.000
Easting: 360517.000

Latitude: 30°36'11.3"S
Longitude: 151°32'42.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Clay	Clay	
6.10	14.63	8.53	Rock Decomposed	Rock	
14.63	15.24	0.61	Granite	Granite	

*** End of GW024191 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024192

Licence: 30WA310605

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 36.60 m
Drilled Depth: 36.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
12
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613209.000
Easting: 361240.000

Latitude: 30°36'20.3"S
Longitude: 151°33'09.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	18.29	18.29	Clay Sandy	Clay	
18.29	24.38	6.09	Clay Limestone	Clay	
24.38	36.58	12.20	Limestone	Limestone	

*** End of GW024192 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024193

Licence: 30WA310600

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 15.20 m
Drilled Depth: 15.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
12
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613200.000
Easting: 360494.000

Latitude: 30°36'20.3"S
Longitude: 151°32'41.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Clay	Clay	
6.10	12.19	6.09	Rock Decomposed	Rock	
12.19	15.24	3.05	Granite Hard	Granite	

*** End of GW024193 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024194

Licence: 30WA310599

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 48.80 m
Drilled Depth: 48.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
12
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613265.000
Easting: 360787.000

Latitude: 30°36'18.3"S
Longitude: 151°32'52.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Clay Sandy	Clay	
6.10	42.67	36.57	Shale	Shale	
42.67	48.77	6.10	Shale Hard	Shale	

*** End of GW024194 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024195

Licence: 30WA310606

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 35.10 m
Drilled Depth: 35.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
109
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6614410.000
Easting: 361225.000

Latitude: 30°35'41.3"S
Longitude: 151°33'09.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.05	3.05	Clay Red	Clay	
3.05	12.19	9.14	Clay Sandy	Clay	
12.19	35.05	22.86	Shale Red	Shale	

*** End of GW024195 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024196

Licence: 30WA310608

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 15.20 m
Drilled Depth: 15.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
16
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613674.000
Easting: 361447.000

Latitude: 30°36'05.3"S
Longitude: 151°33'17.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening	Slots	-100.00	4.60	127		1	
1	1	Casing	Threaded Steel	-0.30	5.80	127			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.10	13.70	7.60	Fractured	2.10		0.76			
13.70	13.70	0.00	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.05	3.05	Clay	Clay	
3.05	15.24	12.19	Basalt Broken Water Supply	Basalt	

***** End of GW024196 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW024201

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Well

Work Status: Needs Reconditioning

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 10.00 m
Drilled Depth: 14.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level (m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: DANGARSLEIGH
Cadastre: 17
Form A: SANDON
Licensed:

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613371.000
Easting: 361851.000

Latitude: 30°36'15.3"S
Longitude: 151°33'32.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening	Slots	-100.00	4.60	127		1	
1	1	Casing	Withdrawn	-0.30	11.60	127			
1	1	Casing	Concrete Cylinder	0.00	10.00	1200			Seated on Bottom

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
8.50	8.70	0.20	Fractured	3.50		1.50			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.57	4.57	Clay	Clay	
4.57	14.02	9.45	Rock Decomposed Water Supply	Rock	

Remarks

01/11/1983: Changed from 14m to 10m on 16/10/82 R/C-BORE CONVERTED TO WELL

***** End of GW024201 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW024217

Licence: 30WA310614

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 21.60 m
Drilled Depth: 21.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: WYANGA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
LAWRENCE
LAWRENCE

Cadastre
163
Whole Lot
163/755832

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6594766.000
Easting: 373842.000

Latitude: 30°46'24.3"S
Longitude: 151°40'54.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	12.50	127			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
7.60	21.60	14.00	(Unknown)	6.70		0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.05	3.05	Soil	Soil	
3.05	6.71	3.66	Clay Sandy	Clay	
6.71	21.64	14.93	Rock Sandy Water Supply	Rock	

***** End of GW024217 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW024281

Licence: 30WA310565

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 30.50 m
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: LOCHIEL NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
133
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6610214.000
Easting: 360586.000

Latitude: 30°37'57.3"S
Longitude: 151°32'43.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	23.90	127			
1	1	Opening	Slots	0.00	6.10	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.30	24.30	3.00	Fractured	6.10		0.44			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.52	1.52	Soil	Soil	
1.52	18.29	16.77	Gravel Dry	Gravel	
18.29	30.48	12.19	Basalt Broken Water Supply	Basalt	

***** End of GW024281 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW024283

Licence: 90WA824279

Licence Status: CURRENT

Authorised Purpose(s): NOT KNOWN,IRRIGATION
Intended Purpose(s): RECREATION (GROU

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 38.10 m
Drilled Depth: 38.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
102
Whole Lot 67//755846

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6607962.000
Easting: 355584.000

Latitude: 30°39'08.3"S
Longitude: 151°29'34.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil	Topsoil	
0.91	7.62	6.71	Clay Gravel	Clay	
7.62	9.14	1.52	Granite	Granite	
9.14	24.38	15.24	Clay	Clay	
24.38	38.10	13.72	Granite Solid	Granite	

*** End of GW024283 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW024652

Licence: 90WA834470

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1965

Final Depth: 18.30 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CARMARIA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
409
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6605388.000
Easting: 358892.000

Latitude: 30°40'33.3"S
Longitude: 151°31'37.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	18.30	127			Seated on Bottom
1	1	Opening	Slots	15.20	18.20	127		1	A: 6.35mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.60	18.30	3.70	(Unknown)	7.60		0.38			

*** End of GW024652 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW025645

Licence: 30WA310579

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1965

Final Depth: 67.10 m
Drilled Depth: 67.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: GLENDARRA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
132
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611718.000
Easting: 372657.000

Latitude: 30°37'13.3"S
Longitude: 151°40'17.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	48.00	127			Suspended in Clamps
1	1	Opening	Slots	43.40	48.00	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
42.70	57.90	15.20	Fractured	9.10		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Clay	Clay	
6.10	13.72	7.62	Rock Broken	Rock	
13.72	42.67	28.95	Clay	Clay	
42.67	67.06	24.39	Shale Hard Water Supply	Shale	

***** End of GW025645 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW025904

Licence: 30WA320100

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 48.80 m
Drilled Depth: 48.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: DANGARSLEIGH NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description: 0-500 ppm
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
88
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613316.000
Easting: 375035.000

Latitude: 30°36'22.3"S
Longitude: 151°41'47.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.40	30.10	127			
1	1	Opening	Slots	0.00	0.00	127		1	A: 6.35mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
25.00	25.90	0.90	(Unknown)	13.70		0.19			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.05	3.05	Loam Orange	Loam	
3.05	6.10	3.05	Laterite	Laterite	
6.10	10.67	4.57	Loam Orange	Loam	
10.67	15.24	4.57	Laterite	Laterite	
15.24	24.99	9.75	Clay	Clay	
24.99	25.91	0.92	Water Supply	(Unknown)	

Remarks

30/06/1982: YIELD GRADUALLY DECREASED TO 0.088L/S-12/66-TDS=400MG/

***** End of GW025904 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW025923

Licence: 30WA310604

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 15.20 m
Drilled Depth: 15.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
12
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613167.000
Easting: 360362.000

Latitude: 30°36'21.3"S
Longitude: 151°32'36.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Clay Sandy	Clay	
6.10	13.72	7.62	Rock Decomposed	Rock	
13.72	15.24	1.52	Granite	Granite	

*** End of GW025923 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW025981

Licence: 90WA834474

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/07/1966

Final Depth: 19.80 m
Drilled Depth: 19.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: BARLEYFIELDS BARLEY FIELDS
ROAD URALLA 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
83
Whole Lot 83//755807

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612695.000
Easting: 359542.000

Latitude: 30°36'36.3"S
Longitude: 151°32'05.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	15.80	127			Driven into Hole
1	1	Opening	Slots	14.30	15.80	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.30	15.80	1.50	Unconsolidated						
16.50	17.10	0.60	Fractured			0.69			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	15.85	15.24	Clay Sandy Water Bearing	Clay	
15.85	19.81	3.96	Basalt Water Supply	Basalt	

***** End of GW025981 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW026100

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 33.50 m
Drilled Depth: 33.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SAUMAREZ

Cadastre
251

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613001.000
Easting: 377036.000

Latitude: 30°36'33.3"S
Longitude: 151°43'02.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
25.90	25.90	0.00	Fractured	2.40					

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.44	2.44	Topsoil Clay	Topsoil	
2.44	33.53	31.09	Quartzite	Quartzite	

*** End of GW026100 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW026101

Licence: 30WA320681

Licence Status: CURRENT

Authorised Purpose(s): STOCK,FARMING
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 19.80 m
Drilled Depth: 19.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: DANGARSLEIGH 161 DANGARS
FALLS ROAD DANGARSLEIGH
2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
245
Whole Lot 3//597194

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613270.000
Easting: 376341.000

Latitude: 30°36'24.3"S
Longitude: 151°42'36.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	13.72	13.72	Clay	Clay	
13.72	19.81	6.09	Quartzite	Quartzite	

*** End of GW026101 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW026911

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 25.00 m
Drilled Depth: 25.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SANDON

Cadastre
206

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9136-2N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6592842.000
Easting: 353341.000

Latitude: 30°47'18.3"S
Longitude: 151°28'02.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.83	1.83	Clay	Clay	
1.83	24.99	23.16	Granite Sandy	Granite	

*** End of GW026911 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW027408

Licence: 90WA824359

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 9.80 m
Drilled Depth: 9.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: BANNAWEERA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Excellent
Yield (L/s):

Site Details

Site Chosen By:

County: HARDINGE
Form A: HARDINGE
Licensed: HARDINGE
Parish: BALALA
BALALA
Cadastr: 7
Whole Lot //

Region: 90 - Barwon

CMA Map: 9136-1N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611856.000
Easting: 343413.000

Latitude: 30°36'56.3"S
Longitude: 151°21'59.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	1.20	9.70	152			Seated on Bottom
1	1	Opening	Perforations	6.70	9.70	152		1	Oxy-Acetylene Slotted

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
2.70	8.50	5.80	Unconsolidated	1.80		1.90			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.74	2.74	Silt Alluvial	Silt	
2.74	8.53	5.79	Gravel Granitic Water Supply	Gravel	
8.53	9.75	1.22	Granite	Granite	

***** End of GW027408 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW027409

Licence: 90WA824358

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1966

Final Depth: 32.30 m
Drilled Depth: 32.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: BANNAWEERA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: HARDINGE
Licensed: HARDINGE

Parish
HONEYSUCKLE
HONEYSUCKLE

Cadastre
87
Whole Lot //

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612509.000
Easting: 339622.000

Latitude: 30°36'33.3"S
Longitude: 151°19'37.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	1.50	14.00	127			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
29.30	32.30	3.00	Fractured	14.00		0.44			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.71	6.71	Soil Coarse Granitic	Soil	
6.71	32.31	25.60	Granite Grey Water Supply	Granite	

***** End of GW027409 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW027534

Licence: 90WA824370

Licence Status: CURRENT

Authorised Purpose(s): STOCK,IRRIGATION
Intended Purpose(s): IRRIGATION

Work Type: Bore
Work Status: Test Hole
Construct.Method: Rotary
Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 31.10 m
Drilled Depth: 31.10 m

Contractor Name: (None)
Driller:
Assistant Driller:

Property: INVERNESS NSW
GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
140
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6592074.000
Easting: 349019.000

Latitude: 30°47'41.3"S
Longitude: 151°25'19.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	4.88	4.27	Clay	Clay	
4.88	31.09	26.21	Granite Decomposed	Granite	

*** End of GW027534 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW027793

Licence: 90WA824382

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC, STOCK
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1965

Final Depth: 17.10 m
Drilled Depth: 17.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: PINELEA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
105
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6589737.000
Easting: 349317.000

Latitude: 30°48'57.3"S
Longitude: 151°25'29.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: PR., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	17.10	127			Seated on Bottom

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.80	16.80	4.00	Fractured			0.69			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.22	1.22	Topsoil	Topsoil	
1.22	6.40	5.18	Clay	Clay	
6.40	16.76	10.36	Basalt Broken Water Supply	Basalt	
16.76	17.07	0.31	Granite	Granite	

***** End of GW027793 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW027796

Licence: 90WA824381

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/09/1965

Final Depth: 25.90 m
Drilled Depth: 25.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: PINELEA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
105
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6589366.000
Easting: 349190.000

Latitude: 30°49'09.3"S
Longitude: 151°25'24.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: PR.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	25.90	127			Seated on Bottom
1	1	Opening	Slots	12.20	25.90	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.20	25.90	10.70	Fractured			0.32			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	4.27	3.66	Clay	Clay	
4.27	25.91	21.64	Granite Decomposed Water Supply	Granite	

***** End of GW027796 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW028081

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1968

Final Depth: 17.40 m
Drilled Depth: 17.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
297

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613798.000
Easting: 352282.000

Latitude: 30°35'57.3"S
Longitude: 151°27'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	11.28	10.67	Granite Decomposed	Granite	
11.28	17.37	6.09	Granite Very Hard	Granite	

*** End of GW028081 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW028597

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 29.00 m
Drilled Depth: 29.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Hard
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: BUTLER
Cadastre: 154
Form A: Licensed:

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620067.000
Easting: 365389.000

Latitude: 30°32'39.3"S
Longitude: 151°35'48.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	10.70	102			Driven into Hole
1	1	Opening	Slots	7.60	10.60	102		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
7.60	10.60	3.00	Unconsolidated	6.10		0.76			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	10.67	10.67	Soil Sandy Gravel Water Supply	Soil	
10.67	13.72	3.05	Sand	Sand	
13.72	28.96	15.24	Basalt	Basalt	

***** End of GW028597 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW028598

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 30.50 m
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Hard
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: BUTLER
Cadastre: 154
Form A: Licensed:

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619915.000
Easting: 365525.000

Latitude: 30°32'44.3"S
Longitude: 151°35'53.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	7.60	102			Driven into Hole
1	1	Opening	Slots	4.60	7.60	102		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
7.60	10.60	3.00	Unconsolidated	2.40		0.51			
21.30	21.90	0.60	Fractured	2.40		0.51			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	7.62	7.62	Soil Gravel Sand	Soil	
7.62	10.67	3.05	Sand Water Supply	Sand	
10.67	12.19	1.52	Basalt	Basalt	
12.19	22.86	10.67	Slate Water Supply	Slate	
22.86	30.48	7.62	Pipe Clay	Clay	

***** End of GW028598 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW028599

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1965

Final Depth: 32.30 m
Drilled Depth: 32.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Hard
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
BUTLER

Cadastre
153

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620040.000
Easting: 365710.000

Latitude: 30°32'40.3"S
Longitude: 151°35'60.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	17.70	152			Driven into Hole
1	1	Opening	Slots	14.60	17.60	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
7.60	10.60	3.00	Unconsolidated	3.70		0.38			
13.70	14.30	0.60	Fractured	3.70		1.14			
18.30	18.90	0.60	Fractured	3.70		1.01			
24.40	25.00	0.60	Fractured	3.70		0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	10.67	10.67	Soil Gravel Water Supply	Soil	
10.67	32.31	21.64	Basalt Water Supply	Basalt	
0.00	10.67	10.67	Clay	Clay	

***** End of GW028599 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW029225

Licence: 90WA824425

Licence Status: CURRENT

Authorised Purpose(s): STOCK,IRRIGATION
Intended Purpose(s): IRRIGATION

Work Type: Bore open thru rock

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1968

Final Depth: 76.20 m
Drilled Depth: 76.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: ATHLEIGH NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastr: 65
PART LOT 2//515065

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617183.000
Easting: 358977.000

Latitude: 30°34'10.3"S
Longitude: 151°31'46.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Iron	-0.50	32.10	152			
1	1	Casing	Iron	0.00	27.10	127			Seated

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
76.20	76.20	0.00	Fractured	9.10		1.90			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil	Topsoil	
0.91	5.49	4.58	Clay	Clay	
5.49	19.81	14.32	Basalt	Basalt	
19.81	21.34	1.53	Basalt Decomposed	Basalt	
21.34	22.86	1.52	Clay Grey	Clay	
22.86	35.05	12.19	Clay Basalt	Clay	

35.05	44.81	9.76	Clay Grey	Clay	
44.81	60.96	16.15	Clay Basalt	Clay	
60.96	76.22	15.26	Basalt Black Water Supply	Basalt	

*** End of GW029225 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW029928

Licence: 30WA310625

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1968

Final Depth: 31.70 m
Drilled Depth: 31.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: LYNLAND PARK NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
384
Whole Lot 1//854458

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620265.000
Easting: 371517.000

Latitude: 30°32'35.3"S
Longitude: 151°39'38.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	28.20	152			Suspended in Clamps
1	1	Opening	Slots	9.10	12.10	152		1	
1	1	Opening	Slots	22.20	28.30	152		2	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
11.00	12.20	1.20	Fractured	9.80		0.13			
14.00	25.90	11.90	(Unknown)	9.90		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil Black	Topsoil	
0.61	3.05	2.44	Clay Red	Clay	
3.05	3.66	0.61	Boulders	Boulders	
3.66	5.49	1.83	Clay Grey	Clay	

5.49	9.45	3.96	Shale Basalt	Shale	
9.45	10.36	0.91	Basalt	Basalt	
10.36	14.02	3.66	Shale Clay Water Supply	Shale	
14.02	18.59	4.57	Clay Grey Shale Water Supply	Clay	
18.59	25.91	7.32	Clay Shale Water Supply	Clay	
25.91	31.70	5.79	Clay	Clay	

***** End of GW029928 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW029929

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): NOT KNOWN

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1967

Final Depth: 24.40 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
981

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620184.000
Easting: 372504.000

Latitude: 30°32'38.3"S
Longitude: 151°40'15.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	20.70	152			Driven into Hole
1	1	Opening	Slots	14.60	20.70	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.80	15.80	0.00	(Unknown)	13.10		1.52			

*** End of GW029929 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW031018

Licence: 90WA834477

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1962

Final Depth: 14.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description: 0-500 ppm
Yield (L/s):

Site Details

Site Chosen By:

	County Form A: SANDON Licensed: SANDON	Parish ARDING ARDING	Cadastre 16 Whole Lot //
Region: 90 - Barwon	CMA Map: 9236-4N		
River Basin: 206 - MACLEAY RIVER Area/District:	Grid Zone:	Scale:	
Elevation: 0.00 m (A.H.D.) Elevation Source: (Unknown)	Northing: 6617240.000 Easting: 361002.000	Latitude: 30°34'09.3"S Longitude: 151°33'02.0"E	
GS Map: -	MGA Zone: 56	Coordinate Source: GD.,ACC.MAP	

*** End of GW031018 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW031261

Licence: 30WA310631

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/07/1969

Final Depth: 14.30 m
Drilled Depth: 14.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
BUTLER
BUTLER

Cadastre
157
Whole Lot 5//808884

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619554.000
Easting: 366222.000

Latitude: 30°32'56.3"S
Longitude: 151°36'19.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.60	14.30	152			Suspended in Clamps
1	1	Opening	Slots	4.60	7.60	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.20	7.60	2.40	Unconsolidated			0.43			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	5.18	4.57	Clay	Clay	
5.18	7.62	2.44	Gravel Water Supply	Gravel	
7.62	14.33	6.71	Clay	Clay	

***** End of GW031261 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW031757

Licence: 90WA824474

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1969

Final Depth: 24.40 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: LARA NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Brackish
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: HARDINGE
Licensed: HARDINGE

Parish
HONEYSUCKLE
HONEYSUCKLE

Cadastre
96
Whole Lot //

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6610718.000
Easting: 337278.000

Latitude: 30°37'30.3"S
Longitude: 151°18'08.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	5.00	152			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
9.10	14.30	5.20	Fractured						
14.30	17.30	3.00	Fractured						
19.80	21.30	1.50	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.22	0.92	Clay Sandy	Clay	
1.22	5.49	4.27	Gravel Sandy	Gravel	
5.49	7.62	2.13	Granite Decomposed	Granite	
7.62	9.14	1.52	Granite Seams	Granite	

9.14	14.33	5.19	Granite Water Bearing	Granite	
14.33	17.37	3.04	Granite Water Bearing Seams	Granite	
17.37	24.38	7.01	Granite Seams Decomposed Water Bearing	Granite	

*** End of GW031757 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW032440

Licence: 30WA310642

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1970

Final Depth: 23.80 m
Drilled Depth: 23.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: BIRRAHLEE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
193
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6590671.000
Easting: 354514.000

Latitude: 30°48'29.3"S
Longitude: 151°28'45.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	13.40	152			Driven into Hole
1	1	Opening	Slots	0.00	4.60	152		1	Oxy-Acetylene Slotted

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
10.40	12.80	2.40	Fractured	6.10		0.19			
18.30	21.30	3.00	Fractured	7.60		0.69			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Clay Black	Clay	
0.61	2.44	1.83	Clay	Clay	
2.44	9.75	7.31	Clay Stony	Clay	
9.75	23.16	13.41	Basalt Water Supply	Basalt	
23.16	23.77	0.61	Basalt Hard Some	Basalt	

***** End of GW032440 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW032549

Licence: 30WA310645

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1970

Final Depth: 45.70 m
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: ROSENEATH NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
981
Whole Lot 1//755808

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620245.000
Easting: 372423.000

Latitude: 30°32'36.3"S
Longitude: 151°40'12.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
34.10	35.00	0.90	(Unknown)			0.03			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.05	3.05	Clay	Clay	
3.05	15.24	12.19	Slippery Back White	Shale	
15.24	26.82	11.58	Clay Sandy Or Sandstone	Clay	
26.82	45.72	18.90	Rock Grey Or Granite	Rock	

*** End of GW032549 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW032583

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1970

Final Depth: 45.70 m
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
981

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620182.000
Easting: 372371.000

Latitude: 30°32'38.3"S
Longitude: 151°40'10.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.05	3.05	Clay	Clay	
3.05	14.94	11.89	Clay Slippery Back	Clay	
14.94	26.21	11.27	Clay Sandy	Clay	
26.21	45.72	19.51	Sandstone Grey	Sandstone	

*** End of GW032583 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW034500

Licence: 90WA824549

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1973

Final Depth: 14.00 m
Drilled Depth: 14.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
HARNHAM
HARNHAM

Cadastre
128
Whole Lot //

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6601085.000
Easting: 354878.000

Latitude: 30°42'51.3"S
Longitude: 151°29'04.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	6.40				Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
11.20	13.90	2.70	Fractured	6.00		0.32			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil Volcanic	Topsoil	
0.61	7.01	6.40	Clay	Clay	
7.01	11.28	4.27	Clay Stoney	Clay	
11.28	14.02	2.74	Basalt Shale Water Supply	Basalt	

***** End of GW034500 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW034507

Licence: 30WA310659

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1973

Final Depth: 17.00 m
Drilled Depth: 17.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: TARANA NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
EASTLAKE
EASTLAKE

Cadastre
154
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6592729.000
Easting: 365838.000

Latitude: 30°47'27.3"S
Longitude: 151°35'52.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	5.50	152			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
11.20	15.40	4.20	Fractured	3.00		0.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.52	1.52	Topsoil Light Volcanic	Topsoil	
1.52	3.05	1.53	Clay Stony	Clay	
3.05	14.63	11.58	Basalt Black Water Supply	Basalt	
14.63	17.07	2.44	Basalt Hard Water Supply	Basalt	

***** End of GW034507 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW034648

Licence: 90WA824541

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore open thru rock

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/07/1972

Final Depth: 68.50 m
Drilled Depth: 68.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SAUMAREZ NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: invalid code
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastr: 33
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618556.000
Easting: 360345.000

Latitude: 30°33'26.3"S
Longitude: 151°32'38.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	22.50	152			Driven into Hole
1	1	Opening	Slots	16.40	16.40			1	Slotted On Site

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.70	22.70	6.00	Fractured	6.00		0.91			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Clay Basalt Boulder	Clay	
0.91	3.65	2.74	Basalt Black	Basalt	
3.65	16.76	13.11	Basalt Weathered Water Supply	Basalt	
16.76	25.29	8.53	Basalt Black Soft	Basalt	
25.29	29.87	4.58	Pipe Clay White	Clay	
29.87	60.35	30.48	Clay Red White Seams	Clay	

*** End of GW034648 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW035012

Licence: 30WA310655

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1973

Final Depth: 24.30 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: SANDON
Cadastre: 215 Whole Lot //

Form A: SANDON
Licensed: SANDON

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6589762.000
Easting: 353304.000

Latitude: 30°48'58.3"S
Longitude: 151°27'59.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		-0.40	13.60	152			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
13.10	13.70	0.60	Fractured	13.10		0.38			
21.60	22.50	0.90	Fractured	15.20		5.94			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	8.53	7.93	Clay	Clay	
8.53	13.71	5.18	Basalt Decomposed Water Supply	Basalt	
13.71	24.38	10.67	Basalt Water Supply	Basalt	

***** End of GW035012 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW035257

Licence: 90WA834480

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1973

Final Depth: 30.40 m
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: ROSE HILL NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastr: 235
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617700.000
Easting: 360836.000

Latitude: 30°33'54.3"S
Longitude: 151°32'56.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	20.70	152			Driven into Hole
1	1	Opening	Slots	16.40	20.00	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.60	20.00	2.40	Fractured	4.20		2.53			
21.30	30.40	9.10	Fractured	4.20		15.16			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.35	3.05	Clay Black	Clay	
3.35	6.10	2.75	Basalt Decomposed	Basalt	
6.10	13.41	7.31	Basalt	Basalt	
13.41	16.46	3.05	Clay Black	Clay	

16.46	17.68	1.22	Basalt	Basalt	
17.68	20.12	2.44	Tuff Volcanic Water Supply	Tuff	
20.12	30.48	10.36	Basalt Water Supply	Basalt	

*** End of GW035257 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW035657

Licence: 30WA310668

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1973

Final Depth: 53.30 m
Drilled Depth: 53.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
982
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620126.000
Easting: 372771.000

Latitude: 30°32'40.3"S
Longitude: 151°40'25.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	19.50	152			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.00	24.60	0.60	Fractured	18.20		0.10			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.21	0.91	Clay	Clay	
1.21	11.58	10.37	Siltstone	Siltstone	
11.58	19.50	7.92	Basalt Decomposed	Basalt	
19.50	53.34	33.84	Basalt Water Supply	Basalt	

***** End of GW035657 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW035658

Licence: 30WA310662

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1973

Final Depth: 53.30 m
Drilled Depth: 53.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: MOREEN NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ENMORE
ENMORE

Cadastre
45
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-1S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6599209.000
Easting: 382779.000

Latitude: 30°44'03.3"S
Longitude: 151°46'32.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	12.10	152			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.70	21.30	0.60	Fractured	18.20		0.19			
48.70	49.60	0.90	Fractured	18.20		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil	Topsoil	
0.91	3.04	2.13	Driller	(Unknown)	
3.04	7.92	4.88	Basalt Hard	Basalt	
7.92	12.19	4.27	Siltstone	Siltstone	
12.19	44.19	32.00	Basalt Hard Water Supply	Basalt	
44.19	53.34	9.15	Quartzite Water Supply	Quartzite	

***** End of GW035658 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW035783

Licence: 90WA824554

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/09/1973

Final Depth: 30.40 m
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastr: 62
Whole Lot 2//755807

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618384.000
Easting: 358988.000

Latitude: 30°33'31.3"S
Longitude: 151°31'47.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.10	22.70	152			Driven into Hole
1	1	Opening	Slots	17.90	22.40	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.90	22.40	4.50	Fractured	7.60		0.19			
25.60	25.90	0.30	Fractured	7.60		0.25			
28.60	29.20	0.60	Fractured	7.60		0.73			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.21	0.91	Clay	Clay	
1.21	7.92	6.71	Shale	Shale	
7.92	22.55	14.63	Water Supply	Unknown	

***** End of GW035783 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW035999

Licence: 30WA310676

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1974

Final Depth: 45.70 m
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: KAMARRA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
147
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618980.000
Easting: 369667.000

Latitude: 30°33'16.3"S
Longitude: 151°38'28.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	21.30	152			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
41.40	42.00	0.60	Fractured	15.20		0.13			
44.10	44.70	0.60	Fractured	15.20		0.78			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Basalt Boulder	Basalt	
0.60	1.82	1.22	Clay	Clay	
1.82	9.14	7.32	Basalt Decomposed	Basalt	
9.14	12.19	3.05	Basalt	Basalt	
12.19	21.33	9.14	Shale	Shale	
21.33	41.14	19.81	Basalt	Basalt	

*** End of GW035999 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW037677

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/07/1973

Final Depth: 29.20 m
Drilled Depth: 29.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: URALLA
Cadastre: 121
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6604861.000
Easting: 358633.000

Latitude: 30°40'50.3"S
Longitude: 151°31'27.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.40	29.30	152			Seated on Bottom
1	1	Opening	Slots	22.50	29.20	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
22.50	28.50	6.00	Fractured	7.00		1.52			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.21	1.21	Topsoil	Topsoil	
1.21	2.43	1.22	Clay	Clay	
2.43	29.26	26.83	Granite Decomposed Water Supply	Granite	

***** End of GW037677 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW037768

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1974

Final Depth: 56.30 m
Drilled Depth: 56.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
L3 DP558973 (145)

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619659.000
Easting: 369792.000

Latitude: 30°32'54.3"S
Longitude: 151°38'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.22	0.92	Clay	Clay	
1.22	23.77	22.55	Basalt Coloured Decomposed	Basalt	
23.77	31.70	7.93	Clay White	Clay	
31.70	45.11	13.41	Basalt	Basalt	
45.11	46.94	1.83	Clay	Clay	
46.94	55.17	8.23	Sand	Sand	
55.17	56.39	1.22	Clay	Clay	

*** End of GW037768 ***

presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW037838

Licence: 30CA313945

Licence Status: CURRENT

Authorised Purpose(s): IRRIGATION
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Final Depth: 15.20 m

Completion Date:

Drilled Depth: 15.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: STRELITZ 161 Salisbury Plains Rd
URALLA 2358 NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SALISBURY
HARNHAM

Cadastre
215
Whole Lot
142//1135106

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6600742.000
Easting: 359193.000

Latitude: 30°43'04.3"S
Longitude: 151°31'46.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening	Perforations	0.00	0.00	101		1	A: 4.76mm
1	1	Casing		0.00	15.20	101			Seated on Bottom

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
2.70	2.70	0.00	Unconsolidated	2.70		1.26			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.74	2.74	Clay	Clay	
2.74	15.24	12.50	Sand Water Supply	Sand	
2.74	15.24	12.50	Gravel River	Gravel	

***** End of GW037838 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW037839

Licence: 30CA313945

Licence Status: CURRENT

Authorised Purpose(s): IRRIGATION
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Final Depth: 15.20 m

Completion Date:

Drilled Depth: 15.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: STRELITZ 161 Salisbury Plains Rd
URALLA 2358 NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SALISBURY
HARNHAM

Cadastre
215
Whole Lot
142//1135106

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6600871.000
Easting: 359590.000

Latitude: 30°43'00.3"S
Longitude: 151°32'01.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening	Perforations	0.00	0.00	101		1	A: 4.76mm
1	1	Casing		0.00	15.20	101			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
2.70	2.70	0.00	Unconsolidated	2.70		1.26			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.74	2.74	Clay	Clay	
2.74	15.24	12.50	Sand Water Supply	Sand	
2.74	15.24	12.50	Gravel River	Gravel	

***** End of GW037839 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW037922

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date:

Final Depth: 34.10 m
Drilled Depth: 34.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: invalid code
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish ARDING Cadastre 73
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617599.000
Easting: 360198.000

Latitude: 30°33'57.3"S
Longitude: 151°32'32.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	17.60	152			Driven into Hole
1	1	Opening	Slots	16.40	17.60	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.40	17.60	1.20	Fractured	5.70		0.32			
24.30	28.80	4.50	Fractured	12.10		1.20			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	3.35	2.75	Clay Black	Clay	
3.35	6.09	2.74	Clay Sandy	Clay	
6.09	16.45	10.36	Clay	Clay	
16.45	17.67	1.22	Basalt Decomposed Hard Water Supply	Basalt	

*** End of GW037922 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW038016

Licence: 90CA834075

Licence Status: CURRENT

Authorised Purpose(s): STOCK,IRRIGATION,DOMESTIC
Intended Purpose(s): IRRIGATION

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1974

Final Depth: 53.00 m
Drilled Depth: 53.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: 024 - MISCELLANEOUS
FRACTURED ROCK OF THE
BARWON REGION

GW Zone: -

Standing Water Level
(m):

Salinity Description: Good

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
13
Whole Lot 7//553133

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616119.000
Easting: 360057.000

Latitude: 30°34'45.3"S
Longitude: 151°32'26.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	28.90	152			Driven into Hole
1	1	Opening	Perforations	16.70	18.20	152		1	
1	1	Opening	Perforations	27.40	28.90	152		2	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.70	18.20	1.50	Consolidated	8.50		0.13			
27.40	28.90	1.50	Consolidated	8.50		0.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	2.74	2.44	Clay	Clay	

2.74	10.36	7.62	Loam	Loam	
10.36	14.63	4.27	Clay	Clay	
14.63	28.95	14.32	Sandstone Decomposed Water Supply	Sandstone	
28.95	51.81	22.86	Basalt	Basalt	
51.81	53.03	1.22	Clay	Clay	

*** End of GW038016 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW038160

Licence: 90WA834497

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): IRRIGATION

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1974

Final Depth: 24.30 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHEDDINGTON NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
L6 (13)
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615968.000
Easting: 360272.000

Latitude: 30°34'50.3"S
Longitude: 151°32'34.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	16.40	152			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.00	16.40	2.40	Fractured	5.40		0.51			
22.50	22.80	0.30	Fractured	5.40		0.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.18	5.18	Clay Red Yellow	Clay	
5.18	10.05	4.87	Loam Sandy	Loam	
10.05	16.45	6.40	Basalt Decomposed Water Supply	Basalt	
16.45	20.42	3.97	Basalt	Basalt	
20.42	21.03	0.61	Shale White	Shale	
21.03	22.86	1.83	Coal Water Supply	Coal	

***** End of GW038160 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW038226

Licence: 30WA310672

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1974

Final Depth: 22.80 m
Drilled Depth: 22.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
179
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616760.000
Easting: 372011.000

Latitude: 30°34'29.3"S
Longitude: 151°39'55.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.10	13.90	152			Driven into Hole
1	1	Opening	Slots	11.80	13.60	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
11.80	13.60	1.80	Fractured	7.30		0.51			
18.80	19.70	0.90	Fractured	7.30		0.76			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Loam Sandy	Loam	
0.30	7.92	7.62	Clay	Clay	
7.92	11.88	3.96	Shale	Shale	
11.88	13.71	1.83	Ironstone Water Supply	Ironstone	
13.71	22.86	9.15	Basalt Water Supply	Basalt	

***** End of GW038226 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW038459

Licence: 30WA310678

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1974

Final Depth: 24.30 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: BLAXLAND NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
250
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6587032.000
Easting: 349648.000

Latitude: 30°50'25.3"S
Longitude: 151°25'40.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		-0.30	-0.30				
1	1	Casing	Threaded Steel	0.00	12.10	127			Driven into Hole
1	1	Casing	Threaded Steel	0.00	0.70	152			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.50	23.10	3.60	Fractured	11.80		0.11			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.21	1.21	Soil	Soil	
1.21	7.31	6.10	Sand Yellow	Sand	
7.31	12.19	4.88	Sand Grey	Sand	
12.19	12.80	0.61	Granite Weathered	Granite	
12.80	19.50	6.70	Granite Very Hard	Granite	

19.50	23.16	3.66	Granite Weathered Water Supply	Granite	
23.16	24.38	1.22	Granite Hard	Granite	

*** End of GW038459 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW038996

Licence: 30WA310666

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1974

Final Depth: 82.20 m
Drilled Depth: 82.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: WHINFELL NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
131
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611897.000
Easting: 372176.000

Latitude: 30°37'07.3"S
Longitude: 151°39'59.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: PR., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	41.60	152			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
45.10	45.70	0.60	Fractured	30.40		0.10			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	7.92	7.32	Clay Grey Sandy	Clay	
7.92	25.90	17.98	Basalt Decomposed	Basalt	
25.90	41.45	15.55	Pipe Clay	Clay	
41.45	42.67	1.22	Basalt Hard	Basalt	
42.67	45.72	3.05	Basalt Fractured Water Supply	Basalt	
45.72	82.29	36.57	Basalt Hard	Basalt	

***** End of GW038996 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW042555

Licence: 90WA834522

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): IRRIGATION

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1972

Final Depth: 76.20 m
Drilled Depth: 76.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CLOVER DOWNS NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARDING
Cadastre: 382 Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618287.000
Easting: 361042.000

Latitude: 30°33'35.3"S
Longitude: 151°33'04.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	28.70	152			Driven into Hole
1	1	Opening	Slots	6.10	6.40	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.10	6.40	0.30	Unconsolidated	6.10		0.04			
65.50	66.40	0.90	Fractured	51.80		0.51			
73.50	73.80	0.30	Fractured	51.80		0.22			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Soil Black	Soil	
0.30	2.74	2.44	Boulders Basalt	Boulders	
2.74	6.40	3.66	Basalt	Basalt	
6.40	15.24	8.84	Clay Red	Clay	

15.24	16.76	1.52	Clay Grey	Clay	
16.76	27.43	10.67	Volcanic Ash	Volcanic Ash	
27.43	28.96	1.53	Basalt Decomposed	Basalt	
28.96	65.53	36.57	Basalt	Basalt	
65.53	76.20	10.67	Basalt Grey	Basalt	
0.30	2.74	2.44	Clay	Clay	

***** End of GW042555 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW042594

Licence: 30WA311202

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1975

Final Depth: 18.00 m
Drilled Depth: 18.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

Standing Water Level 9.100
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 0.300

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
111
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6593678.000
Easting: 351442.000

Latitude: 30°46'50.3"S
Longitude: 151°26'51.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	17.90	101			

Remarks

09/11/2009: Updated details as per existing data.

*** End of GW042594 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW042915

Licence: 30WA311487

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): IRRIGATION

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1977

Final Depth: 19.50 m
Drilled Depth: 19.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: HOPETOUN PARK 513 Platform Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Very Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
987
Whole Lot
987/755808

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617619.000
Easting: 369177.000

Latitude: 30°34'00.3"S
Longitude: 151°38'09.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.50	7.70	152			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.50	19.50	14.00	Fractured	4.30		1.90			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.49	5.49	Clay Basaltic	Clay	
5.49	19.51	14.02	Basalt Water Supply	Basalt	

*** End of GW042915 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW043570

Licence: 90WA824635

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1975

Final Depth: 26.20 m
Drilled Depth: 26.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SAUMARWZ NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastr: 33
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618803.000
Easting: 360449.000

Latitude: 30°33'18.3"S
Longitude: 151°32'42.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	26.20	152			
1	1	Opening	Slots	19.20	25.60	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.10	12.10	0.00	Fractured	9.10		1.52			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	2.44	1.83	Clay	Clay	
2.44	4.27	1.83	Basalt Clay	Basalt	
4.27	11.89	7.62	Basalt Decomposed	Basalt	
11.89	19.51	7.62	Basalt Water Supply	Basalt	
19.51	21.64	2.13	Basalt Weathered	Basalt	

21.64	25.60	3.96	Basalt	Basalt	
25.60	26.21	0.61	Clay Grey	Clay	

*** End of GW043570 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW043703

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1974

Final Depth: 41.70 m
Drilled Depth: 41.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARMIDALE
Cadastre: L3 DP246519 (145)
Form A: Licensed:

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619566.000
Easting: 369766.000

Latitude: 30°32'57.3"S
Longitude: 151°38'32.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	41.70	152			Seated on Bottom
1	1	Opening	Slots	38.10	41.40	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
38.10	41.40	3.30	Unconsolidated	20.70		3.79			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.22	0.92	Clay Red	Clay	
1.22	20.42	19.20	Clay Red Sandy	Clay	
20.42	20.73	0.31	Basalt Decomposed	Basalt	
20.73	35.05	14.32	Basalt	Basalt	
35.05	38.10	3.05	Clay White	Clay	

38.10	41.15	3.05	Sand White Fine	Sand	
41.15	41.76	0.61	Clay	Clay	

*** End of GW043703 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW043948

Licence: 90WA834484

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1975

Final Depth: 30.40 m
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: KYALOMA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
14
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616370.000
Easting: 360373.000

Latitude: 30°34'37.3"S
Longitude: 151°32'38.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.10	29.10	152			Driven into Hole
1	1	Opening	Slots	15.80	17.60	152		1	
1	1	Opening	Slots	24.30	28.80	152		2	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.80	17.60	1.80	Consolidated	9.70		0.38			
24.30	28.80	4.50	Consolidated	9.70		1.89			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.96	3.66	Clay Yellow	Clay	
3.96	15.85	11.89	Clay Red	Clay	
15.85	17.68	1.83	Sandstone Water Supply	Sandstone	

17.68	28.96	11.28	Sandstone Soft Water Supply	Sandstone	
28.96	30.48	1.52	Clay	Clay	

***** End of GW043948 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW044077

Licence: 90WA834488

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1975

Final Depth: 50.20 m
Drilled Depth: 50.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SUNNYSIDE NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
85
Whole Lot 85//755807

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612469.000
Easting: 358773.000

Latitude: 30°36'43.3"S
Longitude: 151°31'36.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	6.10	5.49	Clay	Clay	
6.10	9.14	3.04	Ironstone	Ironstone	
9.14	34.14	25.00	Basalt Decomposed	Basalt	
34.14	36.58	2.44	Granite Decomposed Some Mica	Granite	
36.58	45.11	8.53	Granite	Granite	
45.11	45.72	0.61	Granite Decomposed Some Mica	Granite	
45.72	50.29	4.57	Granite	Granite	

*** End of GW044077 ***

presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW044698

Licence: 90WA834489

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1976

Final Depth: 22.90 m
Drilled Depth: 22.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: BOOYONG NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
15
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616742.000
Easting: 360608.000

Latitude: 30°34'25.3"S
Longitude: 151°32'47.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	18.60	152			
1	1	Opening	Slots	18.30	18.60	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
18.30	18.60	0.30	Unconsolidated	6.10		1.26			
21.30	22.80	1.50	Fractured	6.10		2.53			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	5.49	5.19	Clay	Clay	
5.49	6.71	1.22	Basalt	Basalt	
6.71	12.80	6.09	Basalt Broken	Basalt	
12.80	18.59	5.79	Clay Water Supply	Clay	

18.59	21.34	2.75	Basalt	Basalt	
21.34	22.86	1.52	Gravel Basalt Water Supply	Gravel	

*** End of GW044698 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW044773

Licence: 30WA310713

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1976

Final Depth: 32.00 m
Drilled Depth: 32.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
L16 DP248925 (13)
Whole Lot 16//248925

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617235.000
Easting: 367983.000

Latitude: 30°34'12.3"S
Longitude: 151°37'24.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	25.30	152			
1	1	Casing	Welded Steel	0.00	6.70	127			
1	1	Opening	Slots	12.20	12.80			1	
1	1	Opening	Slots	15.20	15.80			2	
1	1	Opening	Slots	21.30	25.90			3	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.20	12.80	0.60	(Unknown)			0.15			
15.20	15.80	0.60	(Unknown)			0.15			
21.30	28.90	7.60	(Unknown)			0.96			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	

0.30	2.44	2.14	Clay	Clay	
2.44	4.27	1.83	Clay Bands	Clay	
4.27	11.89	7.62	Basalt Hard	Basalt	
11.89	21.34	9.45	Clay Red Water Supply	Clay	
21.34	30.48	9.14	Sand Water Supply	Sand	
30.48	32.00	1.52	Basalt	Basalt	
2.44	4.27	1.83	Basalt	Basalt	

*** End of GW044773 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW044817

Licence: 30WA310701

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1976

Final Depth: 61.00 m
Drilled Depth: 61.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
TIVERTON
TIVERTON

Cadastre
41
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615549.000
Easting: 379085.000

Latitude: 30°35'11.3"S
Longitude: 151°44'20.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	2.44	2.14	Clay	Clay	
2.44	9.14	6.70	Clay Boulder	Clay	
9.14	18.29	9.15	Shale	Shale	
18.29	60.96	42.67	Slate Some	Slate	

*** End of GW044817 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW044862

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Well

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1915

Final Depth: 13.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SAUMAREZ

Cadastre
38

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611790.000
Easting: 373482.000

Latitude: 30°37'11.3"S
Longitude: 151°40'48.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Brick	0.00	0.00	1000			

*** End of GW044862 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW045071

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1977

Final Depth: 40.20 m
Drilled Depth: 40.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
987

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617682.000
Easting: 369256.000

Latitude: 30°33'58.3"S
Longitude: 151°38'12.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Nil	0.00	0.00				

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
7.90	7.90	0.00	(Unknown)						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	7.92	7.31	Clay	Clay	
7.92	8.23	0.31	Basalt Decomposed	Basalt	
8.23	38.10	29.87	Clay Basalt	Clay	
38.10	40.23	2.13	Granite	Granite	

***** End of GW045071 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW045379

Licence: 90WA834487

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1976

Final Depth: 21.30 m
Drilled Depth: 26.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: LILYFIELD NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastrre: 102
Whole Lot 3//530576

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615022.000
Easting: 358579.000

Latitude: 30°35'20.3"S
Longitude: 151°31'30.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Backfill	Backfill	21.30	26.20	152			
1	1	Casing	Threaded Steel	-0.30	22.30	152			Driven into Hole
1	1	Opening	Slots	19.80	22.50	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.80	26.20	6.40	Unconsolidated	6.10		1.14			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.66	3.66	Clay	Clay	
3.66	19.20	15.54	Basalt Decomposed	Basalt	
19.20	26.21	7.01	Gravel Basalt Water Supply	Gravel	

*** End of GW045379 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW045383

Licence: 90WA834486

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1976

Final Depth: 45.70 m
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: LILYFIELD NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastrate: 5
Whole Lot 1//556076

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615554.000
Easting: 361556.000

Latitude: 30°35'04.3"S
Longitude: 151°33'22.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	14.60	152			Driven into Hole
1	1	Opening	Slots	9.40	12.80	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
9.40	12.80	3.40	Fractured	4.60		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.44	2.44	Clay	Clay	
2.44	12.80	10.36	Basalt Broken Water Supply	Basalt	
12.80	14.33	1.53	Shale	Shale	
14.33	43.89	29.56	Basalt	Basalt	
43.89	45.72	1.83	Clay	Clay	

***** End of GW045383 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW045490

Licence: 30WA310724

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1957

Final Depth: 10.70 m
Drilled Depth: 10.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: LOCHIEL NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SALISBURY
SALISBURY

Cadastre
214
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6601469.000
Easting: 360593.000

Latitude: 30°42'41.3"S
Longitude: 151°32'39.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Corrugated Galvan	0.00	10.40	152			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	10.36	10.36	Nominal	(Unknown)	
10.36	10.67	0.31	Rock Broken Nominal	Rock	

*** End of GW045490 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW045491

Licence: 30WA310725

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Final Depth: 12.20 m

Completion Date:

Drilled Depth: 12.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: LOCHIEL NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SALISBURY
SALISBURY

Cadastre
214
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6600915.000
Easting: 360627.000

Latitude: 30°42'59.3"S
Longitude: 151°32'40.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Corrugated Galvan	0.00	12.20	152			Seated on Bottom
1	1	Opening	Perforations	11.30	12.20	152		1	Mechanically Slotted, A: 12.70mm

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	12.19	12.19	Rock Nominal Nominal	Rock	

*** End of GW045491 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW045565

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): GENERAL USE

Work Type: Well

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth: 3.40 m

Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
189

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611260.000
Easting: 358176.000

Latitude: 30°37'22.3"S
Longitude: 151°31'13.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Brick	0.00	0.00	914			

*** End of GW045565 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW045572

Licence: 90WA824695

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1977

Final Depth: 29.90 m
Drilled Depth: 29.90 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property: CARAWATHA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastrre: 232
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618061.000
Easting: 360218.000

Latitude: 30°33'42.3"S
Longitude: 151°32'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	13.70	165			
1	1	Opening	Slots - Vertical	12.80	13.70	165		1	Oxy-Acetylene Slotted, A: 2.00mm
1	1	Casing	Drilled	13.70	29.90	152			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.80	13.70	0.90	(Unknown)	9.20					
25.90	28.90	3.00	(Unknown)	9.20					

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	4.50	3.90	Clay	Clay	
4.50	13.70	9.20	Basalt Decomposed Water Bearing Water Supply	Basalt	

*** End of GW045572 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW045705

Licence: 90WA824692

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1976

Final Depth:
Drilled Depth: 22.00 m

Contractor Name: (None)
Driller: Alec Linton

Assistant Driller:

Property: MAXIMISE NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
463
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611931.000
Easting: 357661.000

Latitude: 30°37'00.3"S
Longitude: 151°30'54.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Backfill	Backfill	0.00	21.90				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil Black	Topsoil	
0.30	0.91	0.61	Clay Red	Clay	
0.91	8.53	7.62	Boulders	Boulders	
8.53	21.95	13.42	Granite Wet Sloppy	Granite	
0.91	8.53	7.62	Clay	Clay	
8.53	21.95	13.42	Clay Seams	Clay	

*** End of GW045705 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW045706

Licence: 90WA824675

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC, STOCK
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1976

Final Depth: 21.90 m
Drilled Depth: 22.00 m

Contractor Name: (None)
Driller: Alec Linton
Assistant Driller:

Property: MAXIMISE NSW
GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: URALLA
URALLA
Cadastre: 465
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611682.000
Easting: 357478.000

Latitude: 30°37'08.3"S
Longitude: 151°30'47.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.40	22.70	127			Driven into Hole
1	1	Opening	Perforations	9.80	22.00	127		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
13.40	13.40	0.00	Unconsolidated						
18.30	19.50	1.20	Fractured	12.20		0.19			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.15	0.15	Topsoil	Topsoil	
0.15	2.13	1.98	Clay Grey Puggy	Clay	
2.13	3.66	1.53	Clay	Clay	
3.66	13.41	9.75	Soil Granite	Soil	
13.41	13.72	0.31	Gravel Grey Water Bearing	Gravel	

13.72	17.68	3.96	Granite Weathered	Granite	
17.68	18.29	0.61	Granite	Granite	
18.29	19.51	1.22	Granite Weathered Water Supply	Granite	
19.51	21.95	2.44	Granite	Granite	

***** End of GW045706 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW045877

Licence: 30WA310731

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1977

Final Depth: 36.60 m
Drilled Depth: 36.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
L4 (266)
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620419.000
Easting: 371568.000

Latitude: 30°32'30.3"S
Longitude: 151°39'40.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	0.00	162			Driven into Hole
1	1	Opening	Slots - Vertical	8.80	25.90	162		1	Oxy-Acetylene Slotted, A: 3.18mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
4.90	9.20	4.30	Unconsolidated						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.88	4.88	Clay Black	Clay	
4.88	9.75	4.87	Clay Yellow Water Supply	Clay	
9.75	36.58	26.83	Shale	Shale	
4.88	9.75	4.87	Ironstone Bands	Ironstone	

*** End of GW045877 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW045924

Licence: 30WA310729

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1977

Final Depth: 67.10 m
Drilled Depth: 67.10 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property: NILBROOK NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Stock
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: SAUMAREZ
Cadastre: L2 DP235106 (3) Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613136.000
Easting: 372747.000

Latitude: 30°36'27.3"S
Longitude: 151°40'21.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	24.40	165			Driven into Hole
1	1	Opening	Slots - Vertical	22.90	24.40	165		1	Oxy-Acetylene Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
22.90	24.40	1.50	(Unknown)	15.20		0.11			
60.70	63.40	2.70	(Unknown)	15.20		0.35			
64.30	65.50	1.20	(Unknown)	15.20		0.14			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	4.20	3.60	Clay	Clay	
4.20	12.20	8.00	Shale White Decomposed	Shale	
12.20	24.40	12.20	Basalt Decomposed	Basalt	

*** End of GW045924 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW047092

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1978

Final Depth: 49.10 m
Drilled Depth: 49.10 m

Contractor Name: (None)
Driller: Alec Linton
Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARMIDALE
Cadastre: L5 DP528340 (383)

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619738.000
Easting: 371257.000

Latitude: 30°32'52.3"S
Longitude: 151°39'28.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Withdrawn	0.00	0.00				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.52	1.52	Topsoil	Topsoil	
1.52	3.96	2.44	Clay Red Boulder	Clay	
3.96	10.97	7.01	Clay Red	Clay	
10.97	15.54	4.57	Clay Mixed	Clay	
15.54	34.44	18.90	Shale	Shale	
34.44	41.45	7.01	Shale	Shale	
41.45	49.07	7.62	Shale	Shale	
41.45	49.07	7.62	Clay Large Seams	Clay	

*** End of GW047092 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW047135

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1978

Final Depth: 21.60 m
Drilled Depth: 21.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
55

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620517.000
Easting: 369462.000

Latitude: 30°32'26.3"S
Longitude: 151°38'21.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Corrugated Galvanised Iron	0.00	13.40	162			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.50	7.60	2.10	(Unknown)						
9.80	19.90	10.10	(Unknown)						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.44	2.44	Clay Black	Clay	
2.44	4.88	2.44	Clay Yellow	Clay	
4.88	9.75	4.87	Rock Broken	Rock	
9.75	19.81	10.06	Rock Clay Seams	Rock	
19.81	21.64	1.83	Rock	Rock	

***** End of GW047135 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW047138

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1978

Final Depth: 18.30 m
Drilled Depth: 18.30 m

Contractor Name: (None)
Driller: Alec Linton
Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
382

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619493.000
Easting: 371393.000

Latitude: 30°33'00.3"S
Longitude: 151°39'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.52	1.52	Topsoil Black	Topsoil	
1.52	3.66	2.14	Mudstone Loam	Mudstone	
3.66	10.06	6.40	Mudstone	Mudstone	
10.06	11.58	1.52	Gravel Sandy	Gravel	
11.58	18.29	6.71	Clay Red Mudstone	Clay	

*** End of GW047138 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW047163

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1977

Final Depth: 23.20 m
Drilled Depth: 23.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
55

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620611.000
Easting: 369567.000

Latitude: 30°32'23.3"S
Longitude: 151°38'25.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	18.90	18.90	Driller	(Unknown)	
18.90	23.16	4.26	Rock Solid	Rock	

*** End of GW047163 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW047263

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1979

Final Depth: 36.60 m
Drilled Depth: 36.60 m

Contractor Name: (None)

Driller: Clive Francis Jones

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
166

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618905.000
Easting: 361140.000

Latitude: 30°33'15.3"S
Longitude: 151°33'08.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	4.60	4.00	Clay Red	Clay	
4.60	33.50	28.90	Pipe Clay	Clay	
33.50	36.60	3.10	Basalt	Basalt	

*** End of GW047263 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW047558

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1980

Final Depth: 15.20 m
Drilled Depth: 15.20 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SANDON

Cadastre
109

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6593662.000
Easting: 352532.000

Latitude: 30°46'51.3"S
Longitude: 151°27'32.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.80	1.50	Clay	Clay	
1.80	6.10	4.30	Limestone	Limestone	
6.10	15.20	9.10	Granite	Granite	

*** End of GW047558 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW047615

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1980

Final Depth: 38.10 m
Drilled Depth: 38.10 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
133

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612601.000
Easting: 357093.000

Latitude: 30°36'38.3"S
Longitude: 151°30'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	4.60	4.30	Basalt Broken	Basalt	
4.60	19.80	15.20	Basalt	Basalt	
19.80	24.40	4.60	Sand Dry	Sand	
24.40	38.10	13.70	Clay Grey	Clay	

*** End of GW047615 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW047681

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/09/1980

Final Depth: 30.50 m
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish ARDING Cadastre 65
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617121.000
Easting: 358952.000

Latitude: 30°34'12.3"S
Longitude: 151°31'45.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: PR.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	6.40	165			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
27.50	30.50	3.00	Fractured	9.80		7.58			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.10	6.10	Topsoil Clay	Topsoil	
6.10	25.51	19.41	Basalt Hard	Basalt	
25.51	30.50	4.99	Basalt Decomposed	Basalt	

*** End of GW047681 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW047721

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1980

Final Depth: 25.90 m
Drilled Depth: 25.90 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SANDON

Cadastre
108

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6594053.000
Easting: 351862.000

Latitude: 30°46'38.3"S
Longitude: 151°27'07.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.00	2.70	Clay	Clay	
3.00	6.40	3.40	Limestone	Limestone	
6.40	25.90	19.50	Granite	Granite	

*** End of GW047721 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW047784

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1980

Final Depth: 23.00 m
Drilled Depth: 24.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARDING
Cadastre: L4 DP251040 (234)

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618253.000
Easting: 360722.000

Latitude: 30°33'36.3"S
Longitude: 151°32'52.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening	Slots - Vertical	0.00	7.60	160		1	Mechanically Slotted, A: 10.00mm
1	1	Casing	P.V.C.	0.00	23.00	160			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.00	16.00	1.00	(Unknown)			0.06			
22.00	24.00	2.00	(Unknown)	7.00		4.46			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Soil Clay	Soil	
2.00	13.00	11.00	Basalt Hard	Basalt	
13.00	15.00	2.00	Clay	Clay	
15.00	18.00	3.00	Ironstone Layers Water Supply Clay	Ironstone	
18.00	21.00	3.00	Rock Hard	Rock	

21.00	23.00	2.00	Volcanic Rock Soft Water Supply	Volcanic	
23.00	24.00	1.00	Driller	(Unknown)	

*** End of GW047784 ***

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DRAFT

WaterNSW

Work Summary

GW048008

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1978

Final Depth: 12.20 m
Drilled Depth: 12.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
L4 (384)

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611107.000
Easting: 355941.000

Latitude: 30°37'26.3"S
Longitude: 151°29'49.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	13.40	162			Seated on Bottom
1	1	Opening	Slots - Vertical	6.10	12.20	162		1	Oxy-Acetylene Slotted, A: 3.18mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.00	6.00	3.00	(Unknown)						
9.40	11.50	2.10	(Unknown)	2.40		0.76			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.79	5.79	Clay	Clay	
5.79	7.01	1.22	Clay Sandy Water Supply	Clay	
7.01	7.32	0.31	Rock Hard	Rock	
7.32	7.92	0.60	Sand	Sand	
7.92	11.58	3.66	Rock Fractured Water Supply	Rock	

***** End of GW048008 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW048163

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1977

Final Depth: 21.30 m
Drilled Depth: 21.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
BUTLER

Cadastre
150

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620755.000
Easting: 366287.000

Latitude: 30°32'17.3"S
Longitude: 151°36'22.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	0.00	162			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.20	21.30	6.10	Fractured	11.60		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	12.19	12.19	Clay	Clay	
12.19	21.34	9.15	Rock Water Supply	Rock	

***** End of GW048163 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW048184

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1978

Final Depth: 46.90 m
Drilled Depth: 46.90 m

Contractor Name: (None)
Driller: Alec Linton
Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:
Parish
SAUMAREZ
Cadastre
L11 DP248925 (34)

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616536.000
Easting: 368684.000

Latitude: 30°34'35.3"S
Longitude: 151°37'50.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil	Topsoil	
0.91	2.74	1.83	Clay Red	Clay	
2.74	6.10	3.36	Clay Red Sandy	Clay	
6.10	7.32	1.22	Clay Mixed	Clay	
7.32	9.45	2.13	Clay Red	Clay	
9.45	21.95	12.50	Clay Yellow Sandy	Clay	
21.95	46.94	24.99	Shale	Shale	

*** End of GW048184 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW048479

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth: 15.20 m

Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:

GW Zone:

Standing Water Level
(m):

Salinity Description:

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
L6 DP528340 (379)

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619242.000
Easting: 370996.000

Latitude: 30°33'08.3"S
Longitude: 151°39'18.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	12.80	152			

*** End of GW048479 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW048913

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1978

Final Depth: 15.20 m
Drilled Depth: 15.20 m

Contractor Name: (None)

Driller: Clive Francis Jones

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
DANGARSLEIGH

Cadastre
209

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6610001.000
Easting: 363172.000

Latitude: 30°38'05.3"S
Longitude: 151°34'20.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	15.20	152			Seated on Bottom
1	1	Opening	Slots - Vertical	12.20	15.20	152		1	Oxy-Acetylene Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
13.40	14.30	0.90	Fractured	6.10		0.56			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.90	0.90	Topsoil	Topsoil	
0.90	3.70	2.80	Clay	Clay	
3.70	9.10	5.40	Basalt Soft	Basalt	
9.10	12.20	3.10	Basalt Hard	Basalt	
12.20	15.20	3.00	Basalt Soft Water Supply	Basalt	

***** End of GW048913 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW049012

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1978

Final Depth: 21.90 m
Drilled Depth: 22.00 m

Contractor Name: (None)
Driller: Alec Linton
Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish ARDING Cadastre L5 (234)
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618254.000
Easting: 360802.000

Latitude: 30°33'36.3"S
Longitude: 151°32'55.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	2.40	152			
1	1	Casing	P.V.C.	0.90	23.80	127			Seated on Bottom
1	1	Opening	Slots - Horizontal	12.80	21.90	127		1	Mechanically Slotted

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.80	17.00	1.20	Unconsolidated			0.51			
19.50	19.50	0.00	Unconsolidated			0.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil Grey	Topsoil	
0.91	4.57	3.66	Clay Yellow Sandy	Clay	
4.57	5.18	0.61	Clay Yellow Bright	Clay	
5.18	7.62	2.44	Clay Mixture	Clay	

7.62	10.67	3.05	Loam Sandy	Loam	
10.67	14.63	3.96	Clay Mixture	Clay	
14.63	17.07	2.44	Mudstone Water Supply	Mudstone	
17.07	20.12	3.05	Clay Water Supply	Clay	
20.12	21.95	1.83	Clay Red	Clay	
14.63	17.07	2.44	Clay Seams	Clay	
17.07	20.12	3.05	Mudstone Seams	Mudstone	

*** End of GW049012 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW049018

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1977

Final Depth: 32.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

Region: 30 - North Coast	County Form A: SANDON	Parish: TIVERTON	Cadastre: L4 DP240444 (29)
River Basin: 206 - MACLEAY RIVER	CMA Map: 9236-4N		
Area/District:	Grid Zone:	Scale:	
Elevation: 0.00 m (A.H.D.)	Northing: 6617114.000	Latitude: 30°34'20.3"S	
Elevation Source: (Unknown)	Easting: 378641.000	Longitude: 151°44'04.0"E	
GS Map: -	MGA Zone: 56	Coordinate Source: GD.,ACC.MAP	

*** End of GW049018 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW049128

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1979

Final Depth: 17.40 m
Drilled Depth: 17.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SALISBURY

Cadastre
132

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6599535.000
Easting: 361097.000

Latitude: 30°43'44.3"S
Longitude: 151°32'57.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Steel	0.00	16.50	137			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.10	17.40	11.30	(Unknown)			1.52			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.40	6.40	Clay	Clay	
6.40	17.37	10.97	Rock Water Supply	Rock	

***** End of GW049128 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW049210

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): GENERAL USE

Work Type: Bore open thru rock

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1977

Final Depth: 16.80 m
Drilled Depth: 16.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARDING
Cadastre: L19 (58)
Form A: SANDON
Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618596.000
Easting: 363542.000

Latitude: 30°33'26.3"S
Longitude: 151°34'38.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.20	10.50	152			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
10.70	16.80	6.10	(Unknown)	1.20		1.26			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.15	0.15	Loam	Loam	
0.15	10.67	10.52	Clay	Clay	
10.67	16.76	6.09	Rock Water Supply	Rock	

*** End of GW049210 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW049336

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1979

Final Depth: 22.90 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SALISBURY

Cadastre
131

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6595712.000
Easting: 360695.000

Latitude: 30°45'48.3"S
Longitude: 151°32'40.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	0.00	152			

*** End of GW049336 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW049374

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1979

Final Depth: 50.90 m
Drilled Depth: 50.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
130

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6605001.000
Easting: 355278.000

Latitude: 30°40'44.3"S
Longitude: 151°29'21.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.50	1.50	Clay	Clay	
1.50	15.80	14.30	Sand Granite	Sand	
15.80	50.90	35.10	Granite	Granite	

*** End of GW049374 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW049706

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): NOT KNOWN

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1979

Final Depth: 37.80 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARMIDALE
Cadastre: L5 DP528340 (382)

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619462.000
Easting: 371340.000

Latitude: 30°33'01.3"S
Longitude: 151°39'31.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	38.10	165			

*** End of GW049706 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW049710

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1979

Final Depth: 22.90 m
Drilled Depth: 22.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish ARDING Cadastre 282
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618341.000
Easting: 360401.000

Latitude: 30°33'33.3"S
Longitude: 151°32'40.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	13.10	165			Driven into Hole
1	1	Opening	Slots - Vertical	10.10	13.10	165		1	Oxy-Acetylene Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
10.10	13.10	3.00	Fractured	5.50					
21.30	22.90	1.60	Fractured	5.50					

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	Basalt Floater	Basalt	
3.00	8.00	5.00	Clay	Clay	
8.00	13.10	5.10	Basalt Decomposed Water Bearing	Basalt	
13.10	22.90	9.80	Basalt Water Bearing	Basalt	
0.00	3.00	3.00	Clay	Clay	

***** End of GW049710 *****

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DRAFT

WaterNSW

Work Summary

GW050248

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1979

Final Depth: 54.00 m
Drilled Depth: 54.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Soft
Yield (L/s):

Site Details

Site Chosen By:

County Sandon Parish Sandon Cadastre 17
Form A: Sandon Licensed:

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6590929.000
Easting: 348636.000

Latitude: 30°48'18.3"S
Longitude: 151°25'04.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	14.90	165			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.40	17.70	0.30	Fractured	9.80		0.61			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	5.50	5.20	Clay	Clay	
5.50	14.30	8.80	Sand Granite	Sand	
14.30	54.00	39.70	Granite Water Supply	Granite	

***** End of GW050248 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW050546

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1980

Final Depth: 24.30 m
Drilled Depth: 24.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SANDON

Cadastre
154

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6592182.000
Easting: 350160.000

Latitude: 30°47'38.3"S
Longitude: 151°26'02.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	(Unknown)	0.00	24.30	155			
1	1	Casing	P.V.C.	0.00	24.30	133			Seated on Bottom
1	1	Opening	Slots - Vertical	12.30	24.30	133		1	Plastic, A: 2.40mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.50	7.50	1.00	Unconsolidated	3.40		1.14			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.50	6.50	Topsoil Loam	Topsoil	
6.50	7.50	1.00	Sand Water Supply	Sand	
7.50	24.30	16.80	Granite Hard Rock	Granite	

*** End of GW050546 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW050550

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1980

Final Depth: 25.90 m
Drilled Depth: 25.90 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
HARNHAM

Cadastre
125

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6598168.000
Easting: 355503.000

Latitude: 30°44'26.3"S
Longitude: 151°29'26.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	13.40	168			Driven into Hole
1	1	Opening	Slots	11.60	12.80	165		1	Oxy-Acetylene Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.50	13.10	0.60	Fractured	9.10					
16.80	17.70	0.90	Fractured	9.10		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.20	1.20	Topsoil	Topsoil	
1.20	3.00	1.80	Clay	Clay	
3.00	7.60	4.60	Basalt Broken	Basalt	
7.60	25.90	18.30	Basalt Water Supply	Basalt	

***** End of GW050550 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW050594

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1980

Final Depth: 35.60 m
Drilled Depth: 35.60 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
441

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6607939.000
Easting: 358513.000

Latitude: 30°39'10.3"S
Longitude: 151°31'24.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.40	31.50	178			Driven into Hole
1	1	Opening	Slots - Vertical	28.90	30.50	178		1	Oxy-Acetylene Slotted, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
28.90	31.40	2.50	Fractured	21.30		2.27			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.90	0.90	Topsoil	Topsoil	
0.90	3.65	2.75	Clay	Clay	
3.65	25.30	21.65	Granite Decomposed	Granite	
25.30	30.50	5.20	Granite Water Supply	Granite	
30.50	31.40	0.90	Granite Broken Water Supply	Granite	
31.40	35.60	4.20	Granite	Granite	

***** End of GW050594 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW050656

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1979

Final Depth: 50.30 m
Drilled Depth: 50.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
BLACKNOTE

Cadastre
103

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-3N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6590329.000
Easting: 363555.000

Latitude: 30°48'44.3"S
Longitude: 151°34'25.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Withdrawn	0.00	0.00				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.71	6.71	Clay	Clay	
6.71	50.29	43.58	Granite	Granite	

*** End of GW050656 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW050657

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1979

Final Depth: 8.50 m
Drilled Depth: 8.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
BLACKNOTE

Cadastre
54

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6592639.000
Easting: 361213.000

Latitude: 30°47'28.3"S
Longitude: 151°32'58.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	0.00	137			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
4.30	4.90	0.60	(Unknown)	1.20		0.09			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.13	2.13	Clay	Clay	
2.13	8.38	6.25	Rock Water Supply	Rock	
8.38	8.53	0.15	Granite Very Hard	Granite	

*** End of GW050657 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW050779

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date:

Final Depth: 21.30 m
Drilled Depth: 21.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish ARDING Cadastre 235
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617730.000
Easting: 360809.000

Latitude: 30°33'53.3"S
Longitude: 151°32'55.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	17.10	137			Driven into Hole
1	1	Opening	Slots - Vertical	10.40	17.10	137		1	Oxy-Acetylene Slotted, A: 3.18mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.10	13.40	7.30	Fractured	2.70		1.26			
18.30	18.90	0.60	(Unknown)						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.79	5.79	Clay	Clay	
5.79	13.41	7.62	Basalt Water Supply	Basalt	
13.41	15.85	2.44	Sand Fine	Sand	
15.85	21.34	5.49	Rock Water Bearing	Rock	

***** End of GW050779 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW050930

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1980

Final Depth: 30.50 m
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: LAWRENCE
Cadastre: 98

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6599536.000
Easting: 376233.000

Latitude: 30°43'50.3"S
Longitude: 151°42'26.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	20.40	165			Driven into Hole
1	1	Opening	Slots	18.90	20.40	165		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.80	20.40	0.60	Fractured	15.20		0.88			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	2.44	1.83	Clay	Clay	
2.44	7.62	5.18	Slate Broken	Slate	
7.62	19.81	12.19	Slate Hard	Slate	
19.81	20.42	0.61	Slate Broken Water Supply	Slate	
20.42	30.48	10.06	Slate Hard	Slate	

***** End of GW050930 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051370

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1980

Final Depth: 33.50 m
Drilled Depth: 33.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: 501-1000 ppm
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
719

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620074.000
Easting: 376263.000

Latitude: 30°32'43.3"S
Longitude: 151°42'36.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	29.30	165			Driven into Hole

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	1.83	1.22	Clay	Clay	
1.83	19.81	17.98	Limestone	Limestone	
19.81	28.04	8.23	Basalt	Basalt	
28.04	28.96	0.92	Basalt Broken	Basalt	
28.96	33.53	4.57	Basalt	Basalt	

*** End of GW051370 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051391

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1980

Final Depth: 41.10 m
Drilled Depth: 41.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARDING
Cadastre: L1 DP519923 (14)
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616280.000
Easting: 360614.000

Latitude: 30°34'40.3"S
Longitude: 151°32'47.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	0.00	165			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
35.10	41.20	6.10	Unconsolidated	5.50		1.26			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	11.27	11.27	Topsoil Clay	Topsoil	
11.27	35.05	23.78	Basalt Black	Basalt	
35.05	41.14	6.09	Sand Gravel Coal Water Supply	Sand	

*** End of GW051391 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051498

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1980

Final Depth: 28.00 m
Drilled Depth: 28.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARDING
Cadastre: L1 DP251040 (234)
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618125.000
Easting: 360404.000

Latitude: 30°33'40.3"S
Longitude: 151°32'40.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	5.50	35			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
22.00	28.00	6.00	Fractured	9.40		1.26			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.50	2.50	Topsoil	Topsoil	
2.50	16.00	13.50	Basalt Decomposed	Basalt	
16.00	28.00	12.00	Basalt Black Hard Water Supply	Basalt	

*** End of GW051498 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051619

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1980

Final Depth: 36.40 m
Drilled Depth: 36.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SAUMAREZ

Cadastre
L17 DP569243 (37)

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616333.000
Easting: 369779.000

Latitude: 30°34'42.3"S
Longitude: 151°38'31.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.10	0.10	Topsoil	Topsoil	
0.10	2.40	2.30	Clay	Clay	
2.40	4.80	2.40	Clay Loose Basalt	Clay	
4.80	8.50	3.70	Basalt	Basalt	
8.50	22.50	14.00	Clay	Clay	
22.50	34.60	12.10	Clay Moist	Clay	
34.60	36.40	1.80	Basalt	Basalt	

*** End of GW051619 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051746

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1980

Final Depth: 31.10 m
Drilled Depth: 31.10 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
GOSTWYCK

Cadastre
143

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6607489.000
Easting: 361793.000

Latitude: 30°39'26.3"S
Longitude: 151°33'27.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Withdrawn	0.00	0.00	165			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	5.50	4.90	Clay	Clay	
5.50	11.30	5.80	Basalt Broken	Basalt	
11.30	31.10	19.80	Basalt	Basalt	

*** End of GW051746 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051747

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1980

Final Depth: 31.10 m
Drilled Depth: 31.10 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
DANGARSLEIGH

Cadastre
82

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6610597.000
Easting: 366493.000

Latitude: 30°37'47.3"S
Longitude: 151°36'25.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	25.00	165			Driven into Hole
1	1	Opening	Slots - Vertical	23.50	25.00	165		1	Oxy-Acetylene Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
23.50	25.00	1.50	Fractured	12.20		0.56			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.00	2.70	Clay	Clay	
3.00	19.80	16.80	Sand Granitic Clay	Sand	
19.80	21.90	2.10	Sand Granitic	Sand	
21.90	25.00	3.10	Granite Decomposed Water Supply	Granite	
25.00	31.10	6.10	Granite	Granite	

***** End of GW051747 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051768

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1980

Final Depth: 27.40 m
Drilled Depth: 27.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish HARNHAM Cadastre 75
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6597729.000
Easting: 350428.000

Latitude: 30°44'38.3"S
Longitude: 151°26'15.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	(Unknown)	0.00	27.40	133			Graded
1	1	Opening	Slots - Vertical	0.00	6.00	133		1	Mechanically Slotted, A: 2.40mm
1	1	Casing	P.V.C.	0.00	27.40	133			Seated on Bottom

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.50	25.50	1.00	Unconsolidated	14.60		0.75			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.70	0.70	Topsoil	Topsoil	
0.70	6.00	5.30	Clay Dry	Clay	
6.00	9.50	3.50	Sand Granite	Sand	
9.50	24.50	15.00	Granite Hard	Granite	
24.50	25.50	1.00	Gravel Sandy Water Supply	Gravel	

***** End of GW051768 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051771

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1980

Final Depth: 30.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SANDON

Cadastre
131

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6593299.000
Easting: 348576.000

Latitude: 30°47'01.3"S
Longitude: 151°25'03.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.50	30.00	140			Seated on Bottom
1	1	Opening	Slots - Vertical	21.00	30.00	140		1	Mechanically Slotted, A: 3.00mm

*** End of GW051771 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW051783

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1980

Final Depth: 12.10 m
Drilled Depth: 12.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish SANDON Cadastre 132
Form A: SANDON
Licensed:

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6592419.000
Easting: 347312.000

Latitude: 30°47'29.3"S
Longitude: 151°24'15.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	8.20	150			Suspended in Clamps
1	1	Opening	Slots - Vertical	3.60	8.20	150		1	Oxy-Acetylene Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.60	4.50	0.90	Unconsolidated	1.50		1.00			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.10	0.10	Topsoil	Topsoil	
0.10	3.60	3.50	Sand	Sand	
3.60	7.30	3.70	Sand Heavy Water Supply	Sand	
7.30	12.10	4.80	Gravel	Gravel	

***** End of GW051783 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051797

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1977

Final Depth: 61.00 m
Drilled Depth: 61.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
534

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620021.000
Easting: 371706.000

Latitude: 30°32'43.3"S
Longitude: 151°39'45.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Withdrawn	0.00	0.00	152			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.66	3.36	Clay Black	Clay	
3.66	12.19	8.53	Clay Yellow	Clay	
12.19	25.91	13.72	Shale	Shale	
25.91	42.06	16.15	Clay Grey	Clay	
42.06	60.96	18.90	Rock Grey	Rock	

*** End of GW051797 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051803

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): NOT KNOWN

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1981

Final Depth: 54.70 m
Drilled Depth: 54.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
HARNHAM

Cadastre
99

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6598085.000
Easting: 353908.000

Latitude: 30°44'28.3"S
Longitude: 151°28'26.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	6.00	162			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.10	16.10	0.00	Fractured						
41.30	41.30	0.00	Fractured						
48.00	48.00	0.00	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.20	0.20	Topsoil	Topsoil	
0.20	0.60	0.40	Clay	Clay	
0.60	27.40	26.80	Basalt Water Bearing	Basalt	
27.40	54.70	27.30	Granite Water Bearing	Granite	

***** End of GW051803 *****

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DRAFT

WaterNSW

Work Summary

GW051817

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1980

Final Depth: 45.70 m
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
GOSTWYCK

Cadastre
144

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6606987.000
Easting: 361054.000

Latitude: 30°39'42.3"S
Longitude: 151°32'59.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	-0.30	152			Seated

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
36.60	36.90	0.30	(Unknown)	4.60		0.32			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	3.05	2.44	Clay	Clay	
3.05	4.57	1.52	Rock Broken	Rock	
4.57	9.14	4.57	Rock	Rock	
9.14	13.72	4.58	Rock Broken	Rock	
13.72	45.72	32.00	Rock Water Supply	Rock	

***** End of GW051817 *****

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DRAFT

WaterNSW

Work Summary

GW051831

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1980

Final Depth: 15.20 m
Drilled Depth: 15.20 m

Contractor Name: (None)
Driller: Malcolm Dexter Mckechnie
Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: HARNHAM
Cadastre: 235

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-2N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6596510.000
Easting: 351350.000

Latitude: 30°45'18.3"S
Longitude: 151°26'49.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Withdrawn	0.00	0.00	165			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	3.00	2.40	Clay	Clay	
3.00	9.10	6.10	Limestone	Limestone	
9.10	15.20	6.10	Granite	Granite	

*** End of GW051831 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW051834

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1980

Final Depth: 31.40 m
Drilled Depth: 31.40 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SALISBURY

Cadastre
200

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6597802.000
Easting: 365216.000

Latitude: 30°44'42.3"S
Longitude: 151°35'31.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	19.20	165			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.60	18.90	4.30	(Unknown)	4.60		0.18			
22.20	22.90	0.70	Fractured	4.60		0.41			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.10	2.10	Topsoil	Topsoil	
2.10	6.10	4.00	Clay	Clay	
6.10	18.90	12.80	Basalt Broken Clay Water Supply	Basalt	
18.90	31.40	12.50	Basalt Water Supply	Basalt	

***** End of GW051834 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052176

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1980

Final Depth: 30.40 m
Drilled Depth: 30.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: LAWRENCE
Cadastre: 98
Form A: Licensed:

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6599844.000
Easting: 376256.000

Latitude: 30°43'40.3"S
Longitude: 151°42'27.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	20.70	165			Seated
1	1	Opening	Slots - Vertical	19.00	20.40	165		1	A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.80	20.40	0.60	Fractured	15.20		0.90			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	2.40	1.80	Clay	Clay	
2.40	7.60	5.20	Slate Broken	Slate	
7.60	19.80	12.20	Slate Hard	Slate	
19.80	20.40	0.60	Slate Broken Water Supply	Slate	
20.40	30.40	10.00	Slate Hard	Slate	

***** End of GW052176 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052183

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1980

Final Depth: 44.20 m
Drilled Depth: 44.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: LAWRENCE
Cadastre: 22

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6600283.000
Easting: 374256.000

Latitude: 30°43'25.3"S
Longitude: 151°41'12.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	28.00	165			Seated

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
38.40	44.50	6.10	Fractured	10.00		0.90			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil	Topsoil	
1.00	3.00	2.00	Clay	Clay	
3.00	9.10	6.10	Limestone	Limestone	
9.10	27.40	18.30	Slate	Slate	
27.40	44.20	16.80	Slate Hard Water Supply	Slate	

***** End of GW052183 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052184

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1980

Final Depth:
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
LAWRENCE

Cadastre
159

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-3N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6596091.000
Easting: 373906.000

Latitude: 30°45'41.3"S
Longitude: 151°40'57.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Backfill	Backfill	0.00	45.70	153			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil	Topsoil	
1.00	2.00	1.00	Clay	Clay	
2.00	8.50	6.50	Limestone	Limestone	
8.50	11.50	3.00	Basalt	Basalt	
11.50	37.80	26.30	Limestone	Limestone	
37.80	45.70	7.90	Basalt	Basalt	

*** End of GW052184 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052186

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1981

Final Depth: 60.80 m
Drilled Depth: 60.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: HARDINGE
Parish: ROUMALLA
Cadastre: 18
Form A: Licensed:

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6600364.000
Easting: 332700.000

Latitude: 30°43'04.3"S
Longitude: 151°15'10.1"E

GS Map: -

MGA Zone: 56

Coordinate Source:

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	2.40	175			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
34.60	34.60	0.00	Fractured	0.30		0.13			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.15	0.15	Topsoil	Topsoil	
0.15	2.40	2.25	Clay	Clay	
2.40	5.40	3.00	Granite Decomposed	Granite	
5.40	9.10	3.70	Basalt	Basalt	
9.10	60.80	51.70	Granite Water Supply	Granite	

*** End of GW052186 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052387

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1980

Final Depth: 24.40 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
GOSTWYCK

Cadastre
150

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6609537.000
Easting: 363018.000

Latitude: 30°38'20.3"S
Longitude: 151°34'14.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	16.80	165			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.00	16.70	2.70	(Unknown)	12.20		0.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	14.02	13.41	Clay	Clay	
14.02	16.76	2.74	Rock Broken Water Supply	Rock	
16.76	24.38	7.62	Rock	Rock	

***** End of GW052387 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052443

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1980

Final Depth: 36.60 m
Drilled Depth: 36.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish SANDON Cadastre 150
Form A: SANDON
Licensed:

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6591894.000
Easting: 349367.000

Latitude: 30°47'47.3"S
Longitude: 151°25'32.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	36.60	125			Seated on Bottom

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
9.10	35.00	25.90	Unconsolidated	4.90		1.26			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.90	0.90	Topsoil	Topsoil	
0.90	9.10	8.20	Clay	Clay	
9.10	35.00	25.90	Sand Water Supply	Sand	
35.00	36.60	1.60	Rock	Rock	

***** End of GW052443 *****

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DRAFT

WaterNSW

Work Summary

GW052453

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1981

Final Depth: 38.00 m
Drilled Depth: 38.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
KENTUCKY

Cadastre
127

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-2N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6596400.000
Easting: 346171.000

Latitude: 30°45'19.5"S
Longitude: 151°23'34.2"E

GS Map: -

MGA Zone: 56

Coordinate Source:

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.00	2.70	Sand	Sand	
3.00	7.50	4.50	Clay	Clay	
7.50	12.00	4.50	Granite	Granite	
12.00	16.00	4.00	Sand	Sand	
16.00	21.00	5.00	Granite	Granite	
21.00	24.00	3.00	Sand	Sand	
24.00	38.00	14.00	Granite Hard	Granite	

*** End of GW052453 ***

is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052454

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1981

Final Depth: 18.00 m
Drilled Depth: 18.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: DANGARSLEIGH
Cadastre: L4 DP567738 (164)
Form A: SANDON
Licensed:

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612941.000
Easting: 364333.000

Latitude: 30°36'30.3"S
Longitude: 151°35'05.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	Crushed Aggregate	0.00	1.00	162			
1	1	Casing	Threaded Steel	0.00	18.00	138			Seated on Bottom
1	1	Opening	Slots - Vertical	12.90	15.90	138		1	A: 4.76mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.00	16.00	4.00	Fractured	2.00		0.30			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.38	0.38	Topsoil	Topsoil	
0.38	0.85	0.47	Clay Yellow	Clay	
0.85	15.30	14.45	Basalt Broken Water Supply	Basalt	
15.30	18.00	2.70	Basalt Water Supply	Basalt	

***** End of GW052454 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052594

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1981

Final Depth: 40.00 m
Drilled Depth: 40.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
KENTUCKY

Cadastre
127

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6597558.000
Easting: 347026.000

Latitude: 30°44'42.3"S
Longitude: 151°24'07.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.50	3.20	Sand	Sand	
3.50	9.00	5.50	Clay	Clay	
9.00	13.00	4.00	Granite	Granite	
13.00	13.25	0.25	Gravel Wet	Gravel	
13.25	37.00	23.75	Granite	Granite	
37.00	40.00	3.00	Granite Decomposed	Granite	

*** End of GW052594 ***

DRAFT

WaterNSW

Work Summary

GW052640

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1981

Final Depth: 40.00 m
Drilled Depth: 40.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
KENTUCKY

Cadastre
127

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6597653.000
Easting: 347211.000

Latitude: 30°44'39.3"S
Longitude: 151°24'14.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.50	3.20	Sand	Sand	
3.50	9.00	5.50	Clay	Clay	
9.00	13.00	4.00	Granite	Granite	
13.00	13.25	0.25	Gravel Wet	Gravel	
13.25	37.00	23.75	Granite	Granite	
37.00	40.00	3.00	Granite Decomposed	Granite	

*** End of GW052640 ***

DRAFT

WaterNSW

Work Summary

GW052712

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1981

Final Depth: 60.80 m
Drilled Depth: 60.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
103

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6607497.000
Easting: 355351.000

Latitude: 30°39'23.3"S
Longitude: 151°29'25.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
35.80	35.80	0.00	Unconsolidated						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	Topsoil	Topsoil	
3.00	4.50	1.50	Clay	Clay	
4.50	37.40	32.90	Sand Compacted Water Bearing	Sand	
37.40	60.80	23.40	Granite	Granite	

*** End of GW052712 ***

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DRAFT

WaterNSW

Work Summary

GW052735

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1981

Final Depth: 30.50 m
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
LAWRENCE

Cadastre
113

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6600987.000
Easting: 376562.000

Latitude: 30°43'03.3"S
Longitude: 151°42'39.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.10	17.30	165			Seated

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.40	20.70	0.30	Fractured	18.30		0.25			
26.80	27.40	0.60	Fractured	13.40		2.78			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	16.46	16.16	Shale	Shale	
16.46	30.48	14.02	Basalt Water Supply	Basalt	

***** End of GW052735 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052736

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1981

Final Depth: 38.10 m
Drilled Depth: 38.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: LAWRENCE
Cadastre: 37

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6598430.000
Easting: 376458.000

Latitude: 30°44'26.3"S
Longitude: 151°42'34.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	18.30	152			
1	1	Opening	Slots	16.80	18.30	152		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.70	18.30	0.60	Fractured	17.70		0.13			
20.40	21.30	0.90	Fractured	17.70		0.33			
33.50	34.40	0.90	Fractured	16.80		1.82			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil Soft	Topsoil	
0.30	1.22	0.92	Clay Soft	Clay	
1.22	18.29	17.07	Shale Soft Water Supply	Shale	
18.29	23.77	5.48	Shale Hard Water Supply	Shale	

***** End of GW052736 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052795

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1981

Final Depth: 45.70 m
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: LAWRENCE
Cadastre: 161
Form A: SANDON
Licensed:

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6595810.000
Easting: 373563.000

Latitude: 30°45'50.3"S
Longitude: 151°40'44.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.50	4.50	166			Seated

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
22.80	29.00	6.20	Fractured						
40.50	43.20	2.70	Fractured	20.00		1.26			
44.80	45.70	0.90	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.50	4.50	Topsoil Clay, Rock Broken	Topsoil	
4.50	32.00	27.50	Basalt Hard Water Bearing	Basalt	
32.00	34.70	2.70	Basalt Broken	Basalt	
34.70	40.50	5.80	Basalt Hard	Basalt	
40.50	43.20	2.70	Basalt Broken Water Supply, Rock White	Basalt	

			Soft		
43.20	44.80	1.60	Basalt Hard Water Bearing	Basalt	
44.80	45.70	0.90	Basalt Broken	Basalt	

*** End of GW052795 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052804

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1980

Final Depth: 45.70 m
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
MIHI

Cadastre
154

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6596205.000
Easting: 368081.000

Latitude: 30°45'35.3"S
Longitude: 151°37'18.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Withdrawn	0.00	0.00				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	2.40	2.10	Clay	Clay	
2.40	3.00	0.60	Granite Decomposed	Granite	
3.00	45.70	42.70	Granite	Granite	

*** End of GW052804 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052819

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1981

Final Depth: 61.00 m
Drilled Depth: 61.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: SAUMAREZ
Cadastre: 44

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616305.000
Easting: 372523.000

Latitude: 30°34'44.3"S
Longitude: 151°40'14.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	29.60	165			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
38.70	39.00	0.30	Fractured	15.20					
41.20	42.40	1.20	Fractured	15.20		0.10			
57.90	58.20	0.30	Fractured	15.20		0.28			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	22.90	22.60	Clay Coloured	Clay	
22.90	29.60	6.70	Basalt Broken	Basalt	
29.60	61.00	31.40	Basalt Water Supply	Basalt	

***** End of GW052819 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052837

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1980

Final Depth: 69.50 m
Drilled Depth: 69.50 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
GOSTWYCK

Cadastre
184

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6609257.000
Easting: 362782.000

Latitude: 30°38'29.3"S
Longitude: 151°34'05.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	12.80	165			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.40	17.70	0.30	Fractured	9.10		0.12			
57.90	58.10	0.20	(Unknown)	15.20		0.09			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	3.60	3.00	Clay	Clay	
3.60	12.80	9.20	Granite Decomposed	Granite	
12.80	33.50	20.70	Granite Water Supply	Granite	
33.50	69.50	36.00	Rock Water Supply	Rock	

***** End of GW052837 *****

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DRAFT

WaterNSW

Work Summary

GW052852

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1980

Final Depth: 25.00 m
Drilled Depth: 25.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SALISBURY

Cadastre
62

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6598999.000
Easting: 362514.000

Latitude: 30°44'02.3"S
Longitude: 151°33'50.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	25.00	25.00	Rock Very Hard	Rock	

*** End of GW052852 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW052945

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1980

Final Depth: 45.00 m
Drilled Depth: 45.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Sweet
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish URALLA Cadastre 328
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6600364.000
Easting: 354541.000

Latitude: 30°43'14.6"S
Longitude: 151°28'50.9"E

GS Map: -

MGA Zone: 56

Coordinate Source:

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Withdrawn	0.00	9.10				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	9.00	9.00	Topsoil	Topsoil	
9.00	29.00	20.00	Rock	Rock	
29.00	30.00	1.00	Clay	Clay	
30.00	45.00	15.00	Rock	Rock	

*** End of GW052945 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW052964

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1981

Final Depth: 45.70 m
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
314

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611903.000
Easting: 355558.000

Latitude: 30°37'00.3"S
Longitude: 151°29'35.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil	Topsoil	
0.91	27.43	26.52	Clay Yellow Dry	Clay	
27.43	45.72	18.29	Sand Granitic Clay	Sand	

*** End of GW052964 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW053015

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status: Test Hole

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1980

Final Depth: 24.40 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
232

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618278.000
Easting: 360296.000

Latitude: 30°33'35.3"S
Longitude: 151°32'36.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
23.80	24.40	0.60	Unconsolidated	7.00		0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	3.00	2.40	Clay	Clay	
3.00	9.10	6.10	Basalt Decomposed	Basalt	
9.10	20.80	11.70	Basalt Broken	Basalt	
20.80	23.80	3.00	Sand	Sand	
23.80	24.40	0.60	Clay Water Supply	Clay	

Remarks

28/02/1983: YIELD FROM GROUNDWATER RETURN

*** End of GW053015 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW053135

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1980

Final Depth: 37.00 m
Drilled Depth: 37.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
99

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612968.000
Easting: 356955.000

Latitude: 30°36'26.3"S
Longitude: 151°30'28.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		0.00	0.00				Seated on Bottom
1	1	Opening	Slots - Vertical	27.00	37.00			1	Oxy-Acetylene Slotted, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
27.00	37.00	10.00	(Unknown)			0.50			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.30	2.30	Topsoil	Topsoil	
2.30	13.00	10.70	Clay	Clay	
13.00	28.00	15.00	Basalt	Basalt	
28.00	37.00	9.00	Coal Sand Water Supply	Coal	

*** End of GW053135 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW053240

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1981

Final Depth: 22.90 m
Drilled Depth: 22.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: 0-500 ppm
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: SAUMAREZ
Cadastre: L7 DP241320 (35)
Form A: SANDON
Licensed:

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616599.000
Easting: 368816.000

Latitude: 30°34'33.3"S
Longitude: 151°37'55.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	17.40	165			Driven into Hole
1	1	Opening	Slots - Vertical	14.30	17.40	165		1	A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.30	17.40	3.10	Fractured	5.80		0.46			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	6.10	5.80	Clay	Clay	
6.10	17.40	11.30	Basalt Broken Water Supply	Basalt	
17.40	22.90	5.50	Basalt	Basalt	

***** End of GW053240 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW053281

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): RECREATION (GROUNDWATER)

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1981

Final Depth: 42.50 m
Drilled Depth: 42.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level (m):
Salinity Description: 501-1000 ppm
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: URALLA
Cadastre: L4 (SEC 8)
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6609477.000
Easting: 356096.000

Latitude: 30°38'19.3"S
Longitude: 151°29'54.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	42.50	125			Seated on Bottom
1	1	Opening	Slots - Vertical	9.10	15.20	125		1	Mechanically Slotted, A: 3.00mm
1	1	Opening	Slots - Vertical	30.40	42.50	125		2	Mechanically Slotted, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
9.70	10.30	0.60	Fractured			0.13			
32.20	32.20	0.00	Fractured			0.10			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.80	1.80	Soil Black	Soil	
1.80	7.30	5.50	Clay	Clay	
7.30	42.50	35.20	Granite Water Supply	Granite	

Remarks

28/02/1983: WATERING URALLA BOWLING CLUB GREENS
28/02/1983: TDS = 520 MG/L

*** End of GW053281 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW053338

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1981

Final Depth: 35.00 m
Drilled Depth: 35.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
BUTLER

Cadastre
147

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6621402.000
Easting: 366279.000

Latitude: 30°31'56.3"S
Longitude: 151°36'22.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Steel	-0.10	20.00				
1	1	Opening	Slots - Vertical	17.00	20.00			1	Oxy-Acetylene Slotted

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
18.00	20.00	2.00	Unconsolidated	6.00					
27.00	30.00	3.00	(Unknown)	6.00					

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	18.00	18.00	Clay	Clay	
18.00	20.00	2.00	Sand	Sand	
20.00	27.00	7.00	Basalt	Basalt	
27.00	30.00	3.00	Clay Tight Sand	Clay	
30.00	35.00	5.00	Clay	Clay	

***** End of GW053338 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW053340

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Well

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth: 25.90 m

Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SAUMAREZ

Cadastre
L4 DP613061 (142)

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611088.000
Easting: 374076.000

Latitude: 30°37'34.3"S
Longitude: 151°41'10.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Brick	0.00	13.70	1067			

*** End of GW053340 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW053359

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MINERAL XPLORE

Work Type: Well & Bore

Work Status:

Construct.Method: Hand Dug

Owner Type: Private

Commenced Date:
Completion Date:

Final Depth: 40.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
153

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612820.000
Easting: 357383.000

Latitude: 30°36'31.3"S
Longitude: 151°30'44.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	40.00	150			

Remarks

28/02/1983: OLD GOLD MINE CONVERTED TO BOREIN 1969-NO ORIG DATA

*** End of GW053359 ***

DRAFT

WaterNSW

Work Summary

GW053549

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Well & Bore

Work Status:

Construct.Method: Hand Dug

Owner Type: Private

Commenced Date:
Completion Date: 01/09/1981

Final Depth: 25.00 m
Drilled Depth: 25.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
28

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612178.000
Easting: 355447.000

Latitude: 30°36'51.3"S
Longitude: 151°29'31.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Concrete Cylinder	0.00	19.80	1067			
1	1	Casing	Drilled	19.80	25.00	152			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.91	0.91	Topsoil Red	Topsoil	
0.91	13.72	12.81	Traprock Or Shale	Shale	
13.72	17.68	3.96	Basalt	Basalt	
17.68	24.99	7.31	Sand Granitic	Sand	

*** End of GW053549 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW053946

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): NOT KNOWN

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1974

Final Depth: 30.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
L6 DP242740 (53)

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620269.000
Easting: 369305.000

Latitude: 30°32'34.3"S
Longitude: 151°38'15.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	0.00	152			

*** End of GW053946 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW054188

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1980

Final Depth: 7.40 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
HARNHAM

Cadastre
160

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6597334.000
Easting: 353040.000

Latitude: 30°44'52.3"S
Longitude: 151°27'53.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: PR.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	Waterworn/Rounded	12.10	24.30	167			Graded
1	1	Casing	Welded Steel	0.00	24.30	162			Seated on Bottom
1	1	Opening	Slots - Vertical	12.10	24.30	162		1	Oxy-Acetylene Slotted, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.40	18.20	1.80	(Unknown)			0.25			
21.30	24.30	3.00	(Unknown)			0.51			

***** End of GW054188 *****

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DRAFT

WaterNSW

Work Summary

GW054189

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1980

Final Depth: 33.40 m
Drilled Depth: 33.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
HARNHAM

Cadastre
179

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6595184.000
Easting: 353495.000

Latitude: 30°46'02.3"S
Longitude: 151°28'09.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	Waterworn/Rounded	18.20	33.40	167			Graded
1	1	Casing	P.V.C.	0.00	30.10	137			Seated
1	1	Opening	Slots - Vertical	18.20	30.10	137		1	Mechanically Slotted, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.60	17.60	0.00	Fractured			0.32			
21.30	24.90	3.60	Fractured			0.14			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.20	0.20	Topsoil	Topsoil	
0.20	15.80	15.60	Clay	Clay	
15.80	17.60	1.80	Clay, Stones Granitic	Clay	
17.60	19.80	2.20	Granite Decomposed Water Supply	Granite	

19.80	24.90	5.10	Granite Water Supply	Granite	
24.90	30.10	5.20	Granite Hard	Granite	
30.10	33.40	3.30	Driller	(Unknown)	

*** End of GW054189 ***

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DRAFT

WaterNSW

Work Summary

GW054244

Licence: 30WA310858

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1981

Final Depth:
Drilled Depth: 30.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
L2 DP531818 (47)
Whole Lot 2//531818

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620949.000
Easting: 369510.000

Latitude: 30°32'12.3"S
Longitude: 151°38'23.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Backfill	Backfill	0.00	30.50				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	30.48	30.48	Blue Metal Unknown Interlayere	Invalid Code	
30.48	30.50	0.02	Pipe Clay	Clay	

*** End of GW054244 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW054392

Licence: 90WA824989

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/09/1980

Final Depth: 20.10 m
Drilled Depth: 20.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: HOPETOUN NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
244
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615267.000
Easting: 358496.000

Latitude: 30°35'12.3"S
Longitude: 151°31'27.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	0.00	139			Suspended in Clamps
1	1	Opening	Slots	16.00	20.00	139		1	Oxy-Acetylene Slotted

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.80	20.10	3.30	(Unknown)						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	12.19	12.19	Clay	Clay	
12.19	20.12	7.93	Basalt Soft Water Supply	Basalt	

*** End of GW054392 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW054630

Licence: 30WA310904

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1980

Final Depth: 30.40 m
Drilled Depth: 30.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: MINIMBAH NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: SAUMAREZ
SAUMAREZ
Cadastre: L24 DP571779 (38)
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616400.000
Easting: 370204.000

Latitude: 30°34'40.3"S
Longitude: 151°38'47.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Nil	0.00	0.00				

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.60	17.60	0.00	Unconsolidated			0.01			
29.80	29.80	0.00	(Unknown)			0.05			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	1.80	1.19	Clay	Clay	
1.80	5.10	3.30	Clay Basalt	Clay	
5.10	18.80	13.70	Clay	Clay	
18.80	21.30	2.50	Basalt	Basalt	
21.30	23.70	2.40	Basalt Hard	Basalt	

23.70	25.90	2.20	Clay Sandy Basalt	Clay	
25.90	29.80	3.90	Clay Heavy	Clay	
29.80	30.40	0.60	Blue Metal	Invalid Code	

*** End of GW054630 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW054631

Licence: 30WA310905

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1980

Final Depth: 47.00 m
Drilled Depth: 47.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CREES ARMIDALE 2350 NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
L15 DP248925 (13)
Whole Lot 15//248925

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617048.000
Easting: 367798.000

Latitude: 30°34'18.3"S
Longitude: 151°37'17.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	38.00	140			Driven into Hole
1	1	Opening	Slots - Vertical	17.00	25.00	140		1	Mechanically Slotted, A: 5.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
13.00	23.00	10.00	Unconsolidated	9.00		0.46			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	25.00	25.00	Topsoil Clay Water Supply	Topsoil	
25.00	47.00	22.00	Basalt	Basalt	

*** End of GW054631 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW054652

Licence: 90WA834510

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1980

Final Depth: 21.30 m
Drilled Depth: 21.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
401
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6605182.000
Easting: 357298.000

Latitude: 30°40'39.3"S
Longitude: 151°30'37.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	14.30	165			
1	1	Casing	Welded Steel	0.00	7.60	140			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.80	18.30	1.50	(Unknown)	4.60		1.01			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	3.05	2.44	Clay	Clay	
3.05	21.34	18.29	Sand Waddy	Sand	

***** End of GW054652 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW054671

Licence: 30WA310910

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1981

Final Depth:
Drilled Depth: 30.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SPRING VALLEY NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
853
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617974.000
Easting: 367947.000

Latitude: 30°33'48.3"S
Longitude: 151°37'23.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Backfill	Backfill	0.00	30.40	167			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.45	0.45	Topsoil	Topsoil	
0.45	30.40	29.95	Basalt	Basalt	

*** End of GW054671 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW054695

Licence: 30WA310914

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1981

Final Depth: 31.70 m
Drilled Depth: 31.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: DANGARSLEIGH NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
L147 DP5455 (145)
Whole Lot 147//5455

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6610566.000
Easting: 374135.000

Latitude: 30°37'51.3"S
Longitude: 151°41'12.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.60	21.30	165			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.10	18.30	1.20	(Unknown)	10.70					
27.40	28.00	0.60	Fractured	10.70					

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.20	0.90	Rock Broken	Rock	
1.20	17.10	15.90	Clay	Clay	
17.10	21.30	4.20	Rock Broken Water Supply	Rock	
21.30	31.70	10.40	Basalt Water Supply	Basalt	

***** End of GW054695 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW054739

Licence: 90WA825062

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1981

Final Depth: 23.80 m
Drilled Depth: 23.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: HOPETOWN NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
244
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615327.000
Easting: 358309.000

Latitude: 30°35'10.3"S
Longitude: 151°31'20.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	0.00	139			Seated on Bottom

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.40	20.40	14.00	(Unknown)						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.05	3.05	Topsoil Clay	Topsoil	
3.05	17.68	14.63	Basalt Black Hard Water Bearing	Basalt	
17.68	23.78	6.10	Mud Red Water Bearing	Mud	
23.78	23.79	0.01	Basalt Hard	Basalt	

***** End of GW054739 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW054786

Licence: 30WA310933

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1980

Final Depth: 36.40 m
Drilled Depth: 36.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CORONGA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
127
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6591590.000
Easting: 351870.000

Latitude: 30°47'58.3"S
Longitude: 151°27'06.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	Waterworn/Rounded	18.20	36.40	165			Graded
1	1	Casing	P.V.C.	0.00	36.40	137			Seated on Bottom
1	1	Opening	Slots - Vertical	18.20	36.40	137		1	Mechanically Slotted, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.70	17.30	0.60	(Unknown)	12.80		0.15			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	2.10	1.49	Clay	Clay	
2.10	11.50	9.40	Loam Sandy	Loam	
11.50	17.00	5.50	Sand Layers Water Supply	Sand	
17.00	28.60	11.60	Granite Decomposed Water Supply	Granite	

28.60	36.40	7.80	Granite	Granite	
11.50	17.00	5.50	Granite	Granite	

***** End of GW054786 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW054833

Licence: 30WA310920

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status: Filled,Backfilled

Construct.Method:

Owner Type: Private

Commenced Date:

Final Depth: 27.40 m

Completion Date:

Drilled Depth: 27.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: HOPETOWN PARK NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
172
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617717.000
Easting: 369629.000

Latitude: 30°33'57.3"S
Longitude: 151°38'26.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	27.40	0			(Unknown)
1		Backfill	Gravel	0.00	0.30				
1		Backfill	Cement Grout	0.30	7.00				
1		Backfill	Bentonite	7.00	8.00				
1		Backfill	Gravel	8.00	26.40				
1		Backfill	Bentonite	26.40	27.40				

Remarks

14/04/2014: Nat Carling, 14-Apr-2014; Updated details, as provided by driller's Form-A for decommissioning works.

*** End of GW054833 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW055023

Licence: 30WA310831

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1981

Final Depth: 54.90 m
Drilled Depth: 54.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
100
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611634.000
Easting: 365761.000

Latitude: 30°37'13.3"S
Longitude: 151°35'58.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	24.38	24.38	Clay	Clay	
24.38	28.35	3.97	Rock Broken	Rock	
28.35	54.86	26.51	Blue Metal Hard	Unknown	

*** End of GW055023 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW055156

Licence: 90WA825129

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1981

Final Depth: 60.90 m
Drilled Depth: 60.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
172
Whole Lot //

Region: 90 - Barwon

CMA Map: 9136-1N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613716.000
Easting: 355267.000

Latitude: 30°36'01.3"S
Longitude: 151°29'25.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil Granite	Topsoil	
0.60	2.40	1.80	Sand Granite	Sand	
2.40	2.70	0.30	Sand Moist	Sand	
2.70	4.50	1.80	Sand Granite	Sand	
4.50	5.10	0.60	Sand Moist	Sand	
5.10	60.90	55.80	Granite Hard	Granite	

*** End of GW055156 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW055201

Licence: 30WA310977

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1981

Final Depth:
Drilled Depth: 54.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: LINFIELD NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
LAWRENCE
LAWRENCE

Cadastre
51
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6595654.000
Easting: 373406.000

Latitude: 30°45'55.3"S
Longitude: 151°40'38.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Backfill	Backfill	0.00	54.80				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.40	6.40	Topsoil Clay	Topsoil	
6.40	13.70	7.30	Basalt Hard	Basalt	
13.70	14.90	1.20	Rock Decomposed	Rock	
14.90	45.70	30.80	Basalt Hard	Basalt	
45.70	50.50	4.80	Rock Broken Soil	Rock	
50.50	54.80	4.30	Basalt Hard	Basalt	

*** End of GW055201 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW055205

Licence: 90WA834514

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1981

Final Depth: 48.00 m
Drilled Depth: 48.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: HARLOW PARK NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
447
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6607487.000
Easting: 359291.000

Latitude: 30°39'25.3"S
Longitude: 151°31'53.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	47.60	140			Seated
1	1	Opening	Slots - Vertical	36.90	40.00	140		1	Oxy-Acetylene Slotted, A: 3.00mm
1	1	Opening	Slots - Vertical	43.60	46.50	140		2	Oxy-Acetylene Slotted, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
36.90	40.00	3.10	Fractured						
43.60	46.50	2.90	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	21.20	21.20	Clay Yellow	Clay	
21.20	48.00	26.80	Sand Granite	Sand	
48.00	48.05	0.05	Granite Water Supply	Granite	

***** End of GW055205 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW055241

Licence: 30WA310979

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1981

Final Depth: 54.90 m
Drilled Depth: 54.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SYLVANIA 89 Townsend Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ENMORE
ENMORE

Cadastre
74
Whole Lot 74//755822

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6602154.000
Easting: 379049.000

Latitude: 30°42'26.3"S
Longitude: 151°44'13.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		0.00	6.10	152			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
23.20	40.90	17.70	Fractured			0.15			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.52	1.52	Clay	Clay	
1.52	54.86	53.34	Slate Water Supply	Slate	

***** End of GW055241 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW055503

Licence: 30WA310970

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC, STOCK
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1981

Final Depth: 54.70 m
Drilled Depth: 54.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: BROOMBEE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
112
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611967.000
Easting: 370311.000

Latitude: 30°37'04.3"S
Longitude: 151°38'49.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	(Unknown)	41.00	54.70	167			Graded
1	1	Casing	P.V.C.	0.00	54.70	140			Seated on Bottom
1	1	Opening	Slots - Vertical	18.20	30.40	140		1	Mechanically Slotted, A: 3.00mm
1	1	Opening	Slots - Vertical	41.00	47.10	140		2	Mechanically Slotted, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
18.20	24.30	6.10	(Unknown)			0.63			
28.00	28.00	0.00	Fractured			0.13			
43.80	43.80	0.00	Fractured			0.10			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	2.40	1.79	Clay	Clay	

2.40	3.60	1.20	Clay Sandy	Clay	
3.60	9.10	5.50	Clay	Clay	
9.10	9.70	0.60	Sand	Sand	
9.70	11.50	1.80	Sandstone	Sandstone	
11.50	24.90	13.40	Clay Sandy Gravel Water Supply	Clay	
24.90	54.70	29.80	Granite Water Supply	Granite	

***** End of GW055503 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW055616

Licence: 90WA825151

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/07/1981

Final Depth: 22.50 m
Drilled Depth: 22.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
L8 DP249770 (254)
Whole Lot 8//249770

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611378.000
Easting: 357748.000

Latitude: 30°37'18.3"S
Longitude: 151°30'57.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.60	14.00	165			Driven into Hole
1	1	Opening	Slots - Vertical	6.70	7.90	165		1	Oxy-Acetylene Slotted, A: 2.00mm
1	1	Opening	Slots - Vertical	11.00	14.00	165		2	Oxy-Acetylene Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
7.90	8.20	0.30	Fractured	7.60		0.12			
11.00	11.30	0.30	Fractured	7.60		0.02			
14.00	14.30	0.30	Fractured	7.60		0.12			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.20	0.90	Clay	Clay	
1.20	4.60	3.40	Granite	Granite	

4.60	7.90	3.30	Granite Decomposed	Granite	
7.90	11.00	3.10	Granite Weathered Water Supply	Granite	
11.00	22.50	11.50	Granite Water Supply	Granite	

*** End of GW055616 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW055661

Licence: 30WA310983

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1982

Final Depth: 36.60 m
Drilled Depth: 36.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: EATHORPE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
L23 DP253845 (38)
Whole Lot 23//253845

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616585.000
Easting: 370255.000

Latitude: 30°34'34.3"S
Longitude: 151°38'49.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.20	6.40	140			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
29.90	36.60	6.70	Fractured			0.54			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.00	4.00	Clay	Clay	
4.00	9.50	5.50	Basalt	Basalt	
9.50	18.00	8.50	Sandstone Red	Sandstone	
18.00	36.60	18.60	Basalt Broken Water Supply	Basalt	

***** End of GW055661 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW055930

Licence: 30WA311006

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1981

Final Depth: 44.00 m
Drilled Depth: 44.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: WYANBAH NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
BUTLER
BUTLER

Cadastre
282
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6621141.000
Easting: 367588.000

Latitude: 30°32'05.3"S
Longitude: 151°37'11.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	44.00	100			Seated on Bottom
1	1	Opening	Slots	26.00	44.00	100		1	Mechanically Slotted

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
34.00	36.00	2.00	Fractured			0.07			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	Soil	Soil	
6.00	10.00	4.00	Clay	Clay	
10.00	25.00	15.00	Basalt	Basalt	
25.00	30.00	5.00	Shale	Shale	
30.00	34.00	4.00	Clay	Clay	
34.00	39.00	5.00	Shale Water Supply	Shale	

*** End of GW055930 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW055978

Licence: 30WA311011

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1981

Final Depth: 36.00 m
Drilled Depth: 36.00 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property: HIGHGROVE 370 Enmore Rd
DANGARSLEIGH 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
L152 DP5456 (177)
Whole Lot 1/786277

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6609428.000
Easting: 374255.000

Latitude: 30°38'28.3"S
Longitude: 151°41'16.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	29.30	165			Driven into Hole
1	1	Opening	Slots - Vertical	9.10	12.20	165		1	Oxy-Acetylene Slotted, A: 2.00mm
1	1	Opening	Slots - Vertical	23.20	29.30	165		2	Oxy-Acetylene Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
9.10	10.70	1.60	Fractured	15.20		0.12			
25.00	29.30	4.30	Fractured	15.20		0.32			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	7.90	7.90	Clay	Clay	
7.90	13.70	5.80	Shale Water Supply	Shale	
13.70	19.80	6.10	Clay	Clay	
19.80	29.00	9.20	Granite Decomposed Water Supply	Granite	

***** End of GW055978 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW055996

Licence: 90WA825163

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1981

Final Depth: 36.60 m
Drilled Depth: 36.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
L3 (384)
Whole Lot //

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6610862.000
Easting: 355998.000

Latitude: 30°37'34.3"S
Longitude: 151°29'51.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Steel	0.00	24.30	140			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
23.80	47.80	24.00	Unconsolidated	14.90		0.08			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	24.38	24.38	Sand Granitic Water Supply	Sand	
24.38	24.99	0.61	Granite	Granite	
24.99	27.13	2.14	Granite Decomposed	Granite	
27.13	36.58	9.45	Granite	Granite	

***** End of GW055996 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW056089

Licence: 30WA311025

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:

Completion Date: 01/10/1981

Final Depth: 42.70 m

Drilled Depth: 42.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: EASTVIEW 350 Enmore Rd
DANGARSLEIGH 2350 NSW

GWMA: -

GW Zone: -

Standing Water Level
(m):

Salinity Description:

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
DANGARSLEIGH

Cadastre
L152 DP5456 (179)
Whole Lot 148//5455

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6609828.000
Easting: 374224.000

Latitude: 30°38'15.3"S
Longitude: 151°41'15.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	21.30	21.30	Clay	Clay	
21.30	31.10	9.80	Basalt Weathered	Basalt	
31.10	42.70	11.60	Granite	Granite	

*** End of GW056089 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW056317

Licence: 90WA824894

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1980

Final Depth: 44.20 m
Drilled Depth: 44.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
294
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6606360.000
Easting: 357841.000

Latitude: 30°40'01.3"S
Longitude: 151°30'58.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	14.02	14.02	Clay Dry	Clay	
14.02	44.20	30.18	Sand Granitic	Sand	

*** End of GW056317 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW056318

Licence: 90WA834504

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1980

Final Depth: 36.60 m
Drilled Depth: 36.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: OAKVALE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
426
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6606032.000
Easting: 358671.000

Latitude: 30°40'12.3"S
Longitude: 151°31'29.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Steel	0.00	12.20	140			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
31.70	36.60	4.90	Fractured			1.01			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.27	4.27	Clay	Clay	
4.27	9.75	5.48	Sand Granitic	Sand	
9.75	31.70	21.95	Granite Hard	Granite	
31.70	36.58	4.88	Granite Decomposed Water Supply	Granite	

***** End of GW056318 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW056319

Licence: 90WA825161

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth: 18.30 m

Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: OAKVALE NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

	County Form A: SANDON Licensed: SANDON	Parish URALLA URALLA	Cadastre 425 Whole Lot //
Region: 90 - Barwon	CMA Map: 9236-4S		
River Basin: 418 - GWYDIR RIVER Area/District:	Grid Zone:	Scale:	
Elevation: 0.00 m (A.H.D.) Elevation Source: (Unknown)	Northing: 6606301.000 Easting: 358082.000	Latitude: 30°40'03.3"S Longitude: 151°31'07.0"E	
GS Map: -	MGA Zone: 56	Coordinate Source: GD.,ACC.MAP	

*** End of GW056319 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW056527

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Well

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:

Final Depth: 17.10 m

Completion Date:

Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SALISBURY

Cadastre
171

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6596964.000
Easting: 359907.000

Latitude: 30°45'07.3"S
Longitude: 151°32'11.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Brick	0.00	0.00	914			

*** End of GW056527 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW056534

Licence: 30WA311038

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): NOT KNOWN

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1981

Final Depth: 30.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
199
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611723.000
Easting: 365414.000

Latitude: 30°37'10.3"S
Longitude: 151°35'45.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening	Slots	0.00	0.00			1	Oxy-Acetylene Slotted
1	1	Casing		0.00	24.40				

*** End of GW056534 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW056754

Licence: 90WA834517

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1982

Final Depth: 24.40 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: KYALOMA"NORTHEYS ROA NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
72
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616554.000
Easting: 360318.000

Latitude: 30°34'31.3"S
Longitude: 151°32'36.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	24.40	140			Seated on Bottom
1	1	Opening	Slots - Vertical	18.30	24.40	140		1	Mechanically Slotted, A: 3.18mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.50	12.50	0.00	Fractured	5.50		1.04			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.22	1.22	Topsoil	Topsoil	
1.22	5.79	4.57	Clay	Clay	
5.79	9.75	3.96	Rock Soft	Rock	
9.75	24.38	14.63	Basalt Black Water Supply	Basalt	

***** End of GW056754 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW056761

Licence: 30WA311050

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1982

Final Depth: 43.30 m
Drilled Depth: 43.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: RUTLAND NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
LAWRENCE
LAWRENCE

Cadastre
L3 DP232237 (43)
Whole Lot 3//232237

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6597314.000
Easting: 375833.000

Latitude: 30°45'02.3"S
Longitude: 151°42'10.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	43.30	137			Seated on Bottom
1	1	Opening	Slots - Vertical	31.10	41.80	137		1	Mechanically Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.70	5.50	1.80	Unconsolidated						
12.80	14.60	1.80	Fractured						
29.00	29.30	0.30	Fractured						
35.10	36.00	0.90	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil Clay	Topsoil	
0.60	3.65	3.05	Clay Yellow Wet	Clay	
3.65	5.48	1.83	Sand Gravel Water Bearing	Sand	

*** End of GW056761 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW056775

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1982

Final Depth: 61.90 m
Drilled Depth: 61.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish ARDING Cadastre 166
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618905.000
Easting: 361140.000

Latitude: 30°33'15.3"S
Longitude: 151°33'08.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Backfill	Backfill	59.40	61.90	164			
1	1	Casing	P.V.C.	0.00	59.40	140			Seated on Bottom
1	1	Opening	Slots - Vertical	48.80	59.50	140		1	Mechanically Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.30	24.30	3.00	Fractured						
28.30	30.10	1.80	Fractured						
48.70	50.30	1.60	Fractured						
58.50	59.40	0.90	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	2.43	2.13	Clay Silty	Clay	

2.43	5.66	3.23	Clay Silty Wet	Clay	
5.66	13.71	8.05	Basalt Decomposed	Basalt	
13.71	17.67	3.96	Siltstone Yellow Soft Decomposed	Siltstone	
17.67	20.90	3.23	Siltstone Decomposed	Siltstone	
20.90	28.34	7.44	Basalt Weathered Water Bearing	Basalt	
28.34	30.05	1.71	Basalt Water Bearing	Basalt	
30.05	30.35	0.30	Clay	Clay	
30.35	31.57	1.22	Basalt	Basalt	
31.57	61.87	30.30	Basalt Hard Water Bearing	Basalt	

*** End of GW056775 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW056777

Licence: 30WA311053

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1982

Final Depth: 43.60 m
Drilled Depth: 43.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: WARREMBAH NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
297
Whole Lot //

Region: 30 - North Coast

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6587569.000
Easting: 355088.000

Latitude: 30°50'10.3"S
Longitude: 151°29'05.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	43.60	125			Seated on Bottom
1	1	Opening	Slots - Vertical	31.30	42.00	125		1	Mechanically Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
10.70	11.20	0.50	Fractured						
28.30	29.70	1.40	Fractured						
39.00	39.60	0.60	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	2.43	2.13	Clay Wet	Clay	
2.43	4.87	2.44	Basalt Weathered	Basalt	
4.87	43.58	38.71	Basalt Water Supply	Basalt	

***** End of GW056777 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW056836

Licence: 30WA311058

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1982

Final Depth: 36.50 m
Drilled Depth: 36.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: FAIRVIEW NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SALISBURY
SALISBURY

Cadastre
184
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6597510.000
Easting: 361655.000

Latitude: 30°44'50.3"S
Longitude: 151°33'17.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.50	18.20	140			Suspended in Clamps
1	1	Opening	Slots - Vertical	6.00	18.20	140		1	Mechanically Slotted, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
26.50	27.10	0.60	Fractured	7.60		0.23			
32.60	32.90	0.30	Fractured	7.60		0.91			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	2.10	1.80	Clay	Clay	
2.10	2.70	0.60	Soil Yellow	Soil	
2.70	5.90	3.20	Ironstone	Ironstone	
5.90	36.50	30.60	Basalt Water Supply	Basalt	

***** End of GW056836 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW056851

Licence: 90WA825220

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1983

Final Depth: 68.00 m
Drilled Depth: 68.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: HARNHAM GROVE NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
HARNHAM
HARNHAM

Cadastre
10
Whole Lot //

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6600400.000
Easting: 352041.000

Latitude: 30°43'12.3"S
Longitude: 151°27'17.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	68.00	137			Seated on Bottom
1	1	Opening	Slots - Vertical	55.80	67.00	137		1	Mechanically Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
11.00	11.40	0.40	Fractured						
19.80	20.30	0.50	Fractured						
59.90	60.60	0.70	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.54	3.24	Clay Sand	Clay	
3.54	10.97	7.43	Granite Hard	Granite	
10.97	12.19	1.22	Granite Fractured Water Bearing	Granite	

12.19	48.76	36.57	Granite Water Bearing	Granite	
48.76	59.92	11.16	Granite Some Seams	Granite	
59.92	60.62	0.70	Quartz Water Bearing	Quartz	
60.62	67.97	7.35	Basalt	Basalt	

***** End of GW056851 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW056855

Licence: 90WA825221

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): GENERAL USE

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1983

Final Depth: 18.90 m
Drilled Depth: 18.90 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CARAWATHA NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
232
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617877.000
Easting: 360221.000

Latitude: 30°33'48.3"S
Longitude: 151°32'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	15.50	150			Seated
1	1	Opening	Slots - Vertical	7.90	14.00	150		1	Oxy-Acetylene Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.50	6.00	0.50	Unconsolidated						
14.90	15.50	0.60	Fractured						
16.90	17.60	0.70	Consolidated						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	9.14	8.84	Clay Water Bearing	Clay	
9.14	15.51	6.37	Granite Weathered Water Bearing	Granite	
15.51	16.94	1.43	Sandstone	Sandstone	

16.94	17.64	0.70	Sandstone Water Bearing	Sandstone	
17.64	18.89	1.25	Sandstone	Sandstone	

***** End of GW056855 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW056874

Licence: 30WA320138

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC,FARMING
Intended Purpose(s): FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/10/1982

Final Depth: 42.70 m
Drilled Depth: 42.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: THE REST 102 Kia Ora Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
BUTLER
BUTLER

Cadastre
271
Whole Lot
271//755811

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619681.000
Easting: 366594.000

Latitude: 30°32'52.3"S
Longitude: 151°36'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	37.10	137			Seated
1	1	Opening	Slots - Vertical	18.80	35.60	137		1	Oxy-Acetylene Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
23.80	24.40	0.60	Unconsolidated						
29.30	30.10	0.80	Unconsolidated						
36.00	37.10	1.10	Unconsolidated						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.50	1.50	Topsoil	Topsoil	
1.50	20.10	18.60	Basalt	Basalt	
20.10	20.70	0.60	Siltstone Yellow	Siltstone	

20.70	21.65	0.95	Sand Medium	Sand	
21.65	23.20	1.55	Sand Clay	Sand	
23.20	37.06	13.86	Gravel Medium Small Water Supply	Gravel	
37.06	42.67	5.61	Slate Decomposed	Slate	
0.00	1.50	1.50	Boulders Basalt	Boulders	

*** End of GW056874 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW056907

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1982

Final Depth: 59.40 m
Drilled Depth: 59.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
56

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620982.000
Easting: 369749.000

Latitude: 30°32'11.3"S
Longitude: 151°38'32.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	1.20	0.60	Clay Some	Clay	
1.20	28.90	27.70	Shale	Shale	
28.90	31.40	2.50	Basalt	Basalt	
31.40	59.40	28.00	Shale Reddish Sticky	Shale	

*** End of GW056907 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW057196

Licence: 30WA310865

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1980

Final Depth: 23.50 m
Drilled Depth: 23.50 m

Contractor Name: (None)

Driller: Malcolm Dexter Mckechnie

Assistant Driller:

Property: BUCKAMALL NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Fresh
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
GOSTWYCK
GOSTWYCK

Cadastre
139
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6606208.000
Easting: 360399.000

Latitude: 30°40'07.3"S
Longitude: 151°32'34.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	-0.30	13.40	165			Driven into Hole
1	1	Opening	Slots	12.20	13.10	165		1	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.20	13.40	1.20	Fractured	6.10		0.38			
16.80	18.30	1.50	Fractured			0.51			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.66	3.36	Clay	Clay	
3.66	7.62	3.96	Basalt Broken	Basalt	
7.62	12.19	4.57	Basalt	Basalt	
12.19	13.11	0.92	Basalt Broken Water Supply	Basalt	

***** End of GW057196 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW057308

Licence: 90WA825245

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1983

Final Depth: 49.70 m
Drilled Depth: 49.70 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: BRAEMAR NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: HARDINGE
Licensed: HARDINGE

Parish
HONEYSUCKLE
HONEYSUCKLE

Cadastre
128
Whole Lot //

Region: 90 - Barwon

CMA Map: 9136-1N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6614403.000
Easting: 338581.000

Latitude: 30°35'31.3"S
Longitude: 151°18'59.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	49.70	137			Seated on Bottom
1	1	Opening	Slots - Vertical	37.50	48.20	137		1	Mechanically Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.40	12.80	0.40	Fractured						
33.50	34.00	0.50	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.18	0.18	Topsoil	Topsoil	
0.18	7.31	7.13	Granite Weathered	Granite	
7.31	49.68	42.37	Granite Hard Water Supply	Granite	

***** End of GW057308 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW057429

Licence: 90WA834518

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1983

Final Depth: 46.00 m
Drilled Depth: 46.00 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
HARNHAM
HARNHAM

Cadastre
243
Whole Lot //

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6594780.000
Easting: 350948.000

Latitude: 30°46'14.3"S
Longitude: 151°26'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.50	46.00	130			Seated on Bottom
1		Casing	Casing Protector	-0.50	2.00	160			Suspended in Clamps
1	1	Opening	Slots - Horizontal	34.00	46.00	130		1	Mechanically Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.00	22.00	1.00	Fractured	20.00					
34.00	35.00	1.00	Fractured	20.00		0.11			
42.00	43.00	1.00	Fractured	20.00		0.33			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil	Topsoil	
1.00	2.00	1.00	Clay Red	Clay	
2.00	3.00	1.00	Clay White	Clay	

*** End of GW057429 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW058233

Licence: 30WA310844

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1981

Final Depth: 25.90 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
L6 DP247506 (8)
Whole Lot 6//247506

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618081.000
Easting: 364162.000

Latitude: 30°33'43.3"S
Longitude: 151°35'01.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	0.00	127			
1	1	Opening	Slots - Vertical	0.00	10.70	127		1	Mechanically Slotted, A: 8.47mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.10	25.90	19.80	(Unknown)	6.10		0.23			

*** End of GW058233 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW058378

Licence: 90WA834519

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Federal Govt

Commenced Date:
Completion Date: 01/01/1983

Final Depth: 53.40 m
Drilled Depth: 53.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
9
Whole Lot //

Region: 90 - Barwon

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616919.000
Easting: 362365.000

Latitude: 30°34'20.3"S
Longitude: 151°33'53.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	18.30	18.30	Clay Red Yellow	Clay	
18.30	28.40	10.10	Clay Yellow	Clay	
28.40	44.20	15.80	Clay White	Clay	
44.20	53.40	9.20	Chert	Chert	

*** End of GW058378 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW058379

Licence: 90WA834520

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Federal Govt

Commenced Date:
Completion Date: 01/01/1983

Final Depth: 44.20 m
Drilled Depth: 44.20 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
21
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616922.000
Easting: 362631.000

Latitude: 30°34'20.3"S
Longitude: 151°34'03.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	34.80	34.80	Clay Yellow Buff	Clay	
34.80	44.20	9.40	Chert	Chert	

*** End of GW058379 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW058380

Licence: 90WA834521

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Federal Govt

Commenced Date:
Completion Date: 01/02/1983

Final Depth: 27.50 m
Drilled Depth: 27.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
17
Whole Lot 1//109536

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617333.000
Easting: 361027.000

Latitude: 30°34'06.3"S
Longitude: 151°33'03.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	27.50	165			Seated on Bottom
1	1	Opening	Slots - Vertical	12.20	14.90	165		1	Oxy-Acetylene Slotted

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
18.30	26.90	8.60	(Unknown)	7.30		2.30			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	9.50	9.50	Clay Yellow	Clay	
9.50	14.90	5.40	Loam Water Supply	Loam	
14.90	27.00	12.10	Basalt, Sediment	Basalt	
27.00	27.50	0.50	Sand White	Sand	

*** End of GW058380 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW058381

Licence: 30WA311091

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Federal Govt

Commenced Date:
Completion Date: 01/02/1983

Final Depth: 35.10 m
Drilled Depth: 35.10 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
12
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613361.000
Easting: 361105.000

Latitude: 30°36'15.3"S
Longitude: 151°33'04.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	35.10	35.10	Clay	Clay	

*** End of GW058381 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW058382

Licence: 30WA311092

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Federal Govt

Commenced Date:
Completion Date: 01/02/1983

Final Depth: 27.40 m
Drilled Depth: 27.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
11
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6614674.000
Easting: 362606.000

Latitude: 30°35'33.3"S
Longitude: 151°34'01.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	2.40	1.80	Ironstone	Ironstone	
2.40	5.80	3.40	Basalt Broken	Basalt	
5.80	15.60	9.80	Clay White	Clay	
15.60	27.40	11.80	Clay Pink	Clay	

*** End of GW058382 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW058383

Licence: 30WA311093

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Federal Govt

Commenced Date:
Completion Date: 01/02/1983

Final Depth: 40.00 m
Drilled Depth: 40.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHISWICK NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
127
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612890.000
Easting: 360365.000

Latitude: 30°36'30.3"S
Longitude: 151°32'36.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	30.20	30.20	Clay Yellow	Clay	
30.20	40.00	9.80	Basalt	Basalt	

*** End of GW058383 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW058384

Licence: 30WA311094

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Federal Govt

Commenced Date:
Completion Date: 01/02/1983

Final Depth: 21.40 m
Drilled Depth: 21.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHSIWICK NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
105
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613949.000
Easting: 361310.000

Latitude: 30°35'56.3"S
Longitude: 151°33'12.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	21.40	165			Seated on Bottom
1	1	Opening	Slots - Vertical	18.90	21.40	165		1	Oxy-Acetylene Slotted, A: 4.70mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
18.90	21.40	2.50	(Unknown)	3.70		2.30			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.70	2.70	Clay	Clay	
2.70	8.20	5.50	Basalt Broken	Basalt	
8.20	18.90	10.70	Basalt Hard	Basalt	
18.90	21.40	2.50	Rock Water Supply	Rock	

***** End of GW058384 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW058592

Licence: 30WA311163

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1985

Final Depth: 19.00 m
Drilled Depth: 19.00 m

Contractor Name: (None)
Driller: Karl Fransen
Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
L5 (8)
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618234.000
Easting: 364080.000

Latitude: 30°33'38.3"S
Longitude: 151°34'58.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.50	16.20	160			Driven into Hole
1	1	Opening	Slots - Horizontal	12.50	15.50	160		1	Mechanically Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
13.50	19.00	5.50	(Unknown)	4.00		1.00			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	Topsoil	Topsoil	
0.50	15.50	15.00	Clay Sandy Water Supply	Clay	
15.50	19.00	3.50	Rubble Volcanic Water Supply	Gravel	

***** End of GW058592 *****

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DRAFT

WaterNSW

Work Summary

GW058730

Licence: 30WA311109

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1984

Final Depth: 24.40 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
37
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616272.000
Easting: 369779.000

Latitude: 30°34'44.3"S
Longitude: 151°38'31.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	13.40	165			
1	1	Opening	Slots - Vertical	11.00	13.40	165		1	A: 6.35mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.80	16.80	0.00	Fractured	6.10		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.13	2.13	Topsoil Ironstone	Topsoil	
2.13	4.27	2.14	Clay Red	Clay	
4.27	12.80	8.53	Soil Light Red	Soil	
12.80	24.38	11.58	Traprock Decomposed Water Supply	Rock	

***** End of GW058730 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW058928

Licence: 30WA311041

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC, STOCK
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1932

Final Depth: 3.30 m
Drilled Depth: 16.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: MAUCLINE HILL 123 Kellys Plains
Rd ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
56
Whole Lot 56//755808

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620857.000
Easting: 369537.000

Latitude: 30°32'15.3"S
Longitude: 151°38'24.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
38.10	38.70	0.60	Unconsolidated			0.10			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.09	0.09	Topsoil	Topsoil	
0.09	0.46	0.37	Clay	Clay	
0.46	1.86	1.40	Basalt	Basalt	
1.86	10.70	8.84	Shale	Shale	
10.70	11.61	0.91	Clay Sandy	Clay	
11.61	11.80	0.19	Sand Water Supply	Sand	
11.80	12.53	0.73	Clay Sand	Clay	
12.53	13.93	1.40	Clay Silty	Clay	
13.93	15.79	1.86	Granite Decomposed	Granite	
15.79	16.25	0.46	Granite	Granite	

***** End of GW058928 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW058929

Licence: 30WA311125

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/06/1982

Final Depth: 45.40 m
Drilled Depth: 45.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: MAUCLINE HILL 123 Kellys Plains
Rd ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
56
Whole Lot 56//755808

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620860.000
Easting: 369777.000

Latitude: 30°32'15.3"S
Longitude: 151°38'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	45.00	140			Driven into Hole
1	1	Opening	Slots - Vertical	36.30	189.30	140		1	Oxy-Acetylene Slotted

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
36.90	40.80	3.90	Unconsolidated	33.00		0.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	8.20	8.20	Basalt	Basalt	
8.20	17.40	9.20	Clay Yellow	Clay	
17.40	19.20	1.80	Shale	Shale	
19.20	26.20	7.00	Basalt Black	Basalt	
26.20	36.90	10.70	Sediment Water Supply	Sediment	
36.90	40.80	3.90	Basalt Black	Basalt	

*** End of GW058929 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW059392

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1982

Final Depth: 23.80 m
Drilled Depth: 23.80 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish HARNHAM Cadastre 244
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6594320.000
Easting: 351114.000

Latitude: 30°46'29.3"S
Longitude: 151°26'39.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	23.80	140			Seated on Bottom
1	1	Opening	Slots - Vertical	11.60	20.70	140		1	Mechanically Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.40	5.70	0.30	Unconsolidated						
17.30	18.20	0.90	(Unknown)	3.80		0.44			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil Clay	Topsoil	
0.30	5.40	5.10	Clay	Clay	
5.40	16.70	11.30	Sand Granitic Water Bearing	Sand	
16.70	18.20	1.50	Sand Granite Water Supply	Sand	
18.20	22.50	4.30	Granite Weathered	Granite	

***** End of GW059392 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW059472

Licence: 90WA825449

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1983

Final Depth: 27.40 m
Drilled Depth: 27.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
80
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618224.000
Easting: 358564.000

Latitude: 30°33'36.3"S
Longitude: 151°31'31.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	0.00	0.00	165			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.52	1.52	Topsoil	Topsoil	
1.52	7.92	6.40	Clay	Clay	
7.92	27.43	19.51	Basalt Broken	Basalt	
7.92	27.43	19.51	Clay Red	Clay	

*** End of GW059472 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW059688

Licence: 30WA311051

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1983

Final Depth: 35.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
L1 DP576193 (855)
Whole Lot 1//576193

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617365.000
Easting: 368541.000

Latitude: 30°34'08.3"S
Longitude: 151°37'45.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	0.00	127			

*** End of GW059688 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW060016

Licence: 90CA826762

Licence Status: CURRENT

Authorised Purpose(s): IRRIGATION,DOMESTIC
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/09/1982

Final Depth: 36.60 m
Drilled Depth: 36.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: 024 - MISCELLANEOUS
FRACTURED ROCK OF THE
BARWON REGION

GW Zone: -

Standing Water Level
(m):

Salinity Description:

Yield (L/s):

Site Details

Site Chosen By:

County: HARDINGE
Parish: MORSE
Cadastre: L6 (190)
Whole Lot 6//248818

Region: 90 - Barwon

CMA Map: 9136-1N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6612582.000
Easting: 340366.000

Latitude: 30°36'31.3"S
Longitude: 151°20'05.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening	Slots	-100.00	0.00	140		1	
1	1	Casing	P.V.C.	0.00	6.20	140			Suspended in Clamps

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
34.10	34.10	0.00	Fractured			1.14			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	3.66	3.36	Granite Decomposed	Granite	
3.66	14.94	11.28	Granite Harder	Granite	
14.94	16.76	1.82	Granite	Granite	

16.76	17.98	1.22	Basalt	Basalt	
17.98	36.58	18.60	Granite Very Hard Water Supply	Granite	

*** End of GW060016 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW060435

Licence: 30WA311084

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): IRRIGATION

Work Type: Well

Work Status: Supply Obtained

Construct.Method: Hand Dug

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1985

Final Depth: 12.00 m
Drilled Depth: 12.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: ERNDALD HOLDINGS PTY LTD 731
Long Swamp Rd DANGARSLEIGH
2350 NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
280
Whole Lot 8//820298

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615805.000
Easting: 377271.000

Latitude: 30°35'02.3"S
Longitude: 151°43'12.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Concrete Cylinder	0.00	11.00	900			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	Clay Gravel	Clay	
3.00	3.50	0.50	Conglomerate	Conglomerate	
3.50	8.00	4.50	Clay	Clay	
8.00	11.00	3.00	Pipe Clay	Clay	
11.00	12.00	1.00	Shale Clay	Shale	

***** End of GW060435 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW060653

Licence: 30WA311135

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1985

Final Depth: 31.00 m
Drilled Depth: 31.00 m

Contractor Name: (None)
Driller: Alec Linton
Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
LAWRENCE
LAWRENCE

Cadastre
145
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-3N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6591221.000
Easting: 370907.000

Latitude: 30°48'18.3"S
Longitude: 151°39'02.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	31.00	130			Seated on Bottom
1	1	Opening	Slots - Horizontal	22.00	30.00	130		1	Mechanically Slotted, A: 0.40mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
22.00	23.00	1.00	Fractured						
23.00	23.50	0.50	Fractured			0.63			
28.00	29.00	1.00	Fractured	22.00		1.64			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	Topsoil	Topsoil	
0.50	1.00	0.50	Clay	Clay	
1.00	10.00	9.00	Clay Yellow	Clay	
10.00	31.00	21.00	Shale Water Supply	Shale	

***** End of GW060653 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW060910

Licence: 90WA834523

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1985

Final Depth: 29.50 m
Drilled Depth: 29.50 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
77
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616334.000
Easting: 359974.000

Latitude: 30°34'38.3"S
Longitude: 151°32'23.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.40	14.60	170			Seated

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.20	27.40	12.20	Fractured	6.00		1.26			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.50	1.50	Topsoil	Topsoil	
1.50	14.60	13.10	Clay	Clay	
14.60	29.50	14.90	Basalt Broken Water Supply	Basalt	

*** End of GW060910 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061012

Licence: 30WA311147

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1984

Final Depth: 21.90 m
Drilled Depth: 22.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: MATHESON 42 COREY ROAD,
KELLY PLAINS 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
L15 DP248244 (46)
Whole Lot 15//248244

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6614318.000
Easting: 368631.000

Latitude: 30°35'47.3"S
Longitude: 151°37'47.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening	Slots	0.00	0.00	165		1	
1	1	Casing	Welded Steel	0.00	21.90	165			Seated on Bottom

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.80	18.30	1.50	Fractured	14.60		0.30			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.22	1.22	Topsoil	Topsoil	
1.22	1.83	0.61	Ironstone	Ironstone	
1.83	2.44	0.61	Clay Red	Clay	
2.44	15.54	13.10	Clay Yellow	Clay	
15.54	18.90	3.36	Basalt Broken Water Supply	Basalt	
18.90	21.95	3.05	Trap	Unknown	

***** End of GW061012 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061091

Licence: 30WA311158

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1986

Final Depth: 40.00 m
Drilled Depth: 40.00 m

Contractor Name: (None)
Driller: Alec Linton
Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
LAWRENCE
LAWRENCE

Cadastre
36
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6598487.000
Easting: 376085.000

Latitude: 30°44'24.3"S
Longitude: 151°42'20.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.50	40.00	135			Seated on Bottom
1		Casing	Casing Protector	-0.50	1.00	170			Driven into Hole
1	1	Opening	Slots - Horizontal	34.00	40.00	135		1	Mechanically Slotted, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.00	25.00	1.00	Fractured						
36.00	37.00	1.00	Fractured	24.00		1.00			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Soil Surface	Soil	
1.00	1.20	0.20	Clay Red	Clay	
1.20	20.00	18.80	Shale	Shale	
20.00	40.00	20.00	Shale Black Water Supply	Shale	

***** End of GW061091 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061368

Licence: 30WA311162

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/11/1985

Final Depth: 20.00 m
Drilled Depth: 20.00 m

Contractor Name: (None)
Driller: Karl Fransen
Assistant Driller:

Property: RILEY'S 41 Tuberosa Rd
SAUMAREZ 2350 NSW
GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
L4 (8)
Whole Lot 4//247506

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618141.000
Easting: 364028.000

Latitude: 30°33'41.3"S
Longitude: 151°34'56.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	20.00	160			Seated on Bottom
1	1	Opening	Slots - Horizontal	14.00	19.50	160		1	Mechanically Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.00	20.00	6.00	(Unknown)	4.20		0.50			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	18.20	17.90	Clay Sandy Water Supply	Clay	
18.20	20.00	1.80	Volcanic Rock Water Supply	Volcanic	

***** End of GW061368 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061417

Licence: 30WA311164

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:

Final Depth: 22.00 m

Completion Date:

Drilled Depth: 22.00 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
L2 DP249153 (50)
Whole Lot 2//249153

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620508.000
Easting: 368716.000

Latitude: 30°32'26.3"S
Longitude: 151°37'53.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	22.00	137			Seated on Bottom
1		Casing	Casing Protector	-0.30	1.00	165			Driven into Hole
1	1	Opening	Slots - Horizontal	4.00	22.00	137		1	A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
4.00	6.00	2.00	(Unknown)						
16.00	18.00	2.00	(Unknown)	4.00		0.75			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Soil Surface	Soil	
2.00	4.00	2.00	Basalt Black Fractured	Basalt	
4.00	6.00	2.00	Siltstone Water Bearing	Siltstone	
6.00	22.00	16.00	Mudstone Water Supply	Mudstone	

***** End of GW061417 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061467

Licence: 30WA311170

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1985

Final Depth: 30.00 m
Drilled Depth:

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
L4 DP242740 (53)
Whole Lot 4//242740

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6619933.000
Easting: 369549.000

Latitude: 30°32'45.3"S
Longitude: 151°38'24.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Casing	Casing Protector	0.00	0.00				
1	1	Casing	P.V.C.	0.00	0.00	130			

*** End of GW061467 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW061568

Licence: 90WA825324

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1986

Final Depth: 32.00 m
Drilled Depth: 32.00 m

Contractor Name: (None)
Driller: Karl Fransen
Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastr: 78
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615864.000
Easting: 359394.000

Latitude: 30°34'53.3"S
Longitude: 151°32'01.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	14.00	165			
1	1	Casing	Threaded Steel	14.00	30.00	135			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
30.50	32.00	1.50	Unconsolidated	9.70		0.50			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.40	0.40	Topsoil	Topsoil	
0.40	16.00	15.60	Clay Sandy Some Gravel	Clay	
16.00	25.00	9.00	Basalt Black	Basalt	
25.00	29.00	4.00	Clay	Clay	
29.00	32.00	3.00	Clay Yellow Sandy Water Supply	Clay	

***** End of GW061568 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061570

Licence: 30WA311180

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1986

Final Depth: 40.20 m
Drilled Depth: 40.20 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
MIHI
MIHI

Cadastre
236
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6604853.000
Easting: 370184.000

Latitude: 30°40'55.3"S
Longitude: 151°38'41.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	40.20	140			Seated on Bottom
1	1	Opening	Slots - Horizontal	28.00	39.60	140		1	Mechanically Slotted, A: 3.18mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
32.90	33.50	0.60	Fractured	32.90		0.32			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.52	1.52	Soil Surface	Soil	
1.52	6.10	4.58	Clay	Clay	
6.10	12.19	6.09	Shale	Shale	
12.19	40.23	28.04	Basalt Grey Water Supply	Basalt	

***** End of GW061570 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061643

Licence: 30WA311173

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1986

Final Depth: 24.00 m
Drilled Depth: 24.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
GOSTWYCK

Cadastre
68
Whole Lot //

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6610056.000
Easting: 367591.000

Latitude: 30°38'05.3"S
Longitude: 151°37'06.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Threaded Steel	0.00	16.00	150			Seated
1	1	Opening	Slots - Vertical	14.00	16.00	150		1	A: 5.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.00	16.00	2.00	Fractured			0.50			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Soil Basaltic	Soil	
2.00	14.00	12.00	Granite	Granite	
14.00	16.00	2.00	Granite Sandy Water Supply	Granite	
16.00	24.00	8.00	Granite Solid	Granite	

***** End of GW061643 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061665

Licence: 30WA311176

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1986

Final Depth: 52.40 m
Drilled Depth: 52.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
L14 DP243989 (32)
Whole Lot 14//243989

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615771.000
Easting: 369093.000

Latitude: 30°35'00.3"S
Longitude: 151°38'05.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
34.10	34.10	0.00	(Unknown)						
46.30	46.30	0.00	(Unknown)						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil	Topsoil	
0.61	34.14	33.53	Rock Solid Water Bearing	Rock	
34.14	46.33	12.19	Rock Water Bearing	Rock	
46.33	52.43	6.10	Rock Solid	Rock	

*** End of GW061665 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061677

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1986

Final Depth: 48.50 m
Drilled Depth: 48.50 m

Contractor Name: (None)
Driller: Karl Fransen
Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
65

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617059.000
Easting: 358926.000

Latitude: 30°34'14.3"S
Longitude: 151°31'44.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Withdrawn	0.00	0.00				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil	Topsoil	
1.00	11.70	10.70	Clay Sandy	Clay	
11.70	12.00	0.30	Sand Fine	Sand	
12.00	18.50	6.50	Clay Sandy	Clay	
18.50	21.00	2.50	Clay White	Clay	
21.00	31.00	10.00	Clay Red	Clay	
31.00	36.00	5.00	Clay Grey	Clay	
36.00	48.50	12.50	Clay Orange Red	Clay	

*** End of GW061677 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061678

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1986

Final Depth: 19.50 m
Drilled Depth: 19.50 m

Contractor Name: (None)
Driller: Karl Fransen
Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
65

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617151.000
Easting: 358925.000

Latitude: 30°34'11.3"S
Longitude: 151°31'44.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Withdrawn	0.00	0.00				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	Topsoil	Topsoil	
0.50	8.60	8.10	Clay Sandy	Clay	
8.60	8.90	0.30	Rock Layer	Rock	
8.90	16.20	7.30	Clay Sandy	Clay	
16.20	19.50	3.30	Basalt Fractured	Basalt	

*** End of GW061678 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW061683

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1987

Final Depth:
Drilled Depth: 50.00 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
GOSTWYCK

Cadastre
197

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6605163.000
Easting: 360519.000

Latitude: 30°40'41.3"S
Longitude: 151°32'38.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Backfill	Backfill	0.00	50.00				

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
10.00	12.00	2.00	Fractured						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.00	5.00	Granite	Granite	
5.00	50.00	45.00	Basalt Broken Water Bearing	Basalt	

***** End of GW061683 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW062110

Licence: 90WA825325

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Cable Tool

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1986

Final Depth: 32.00 m
Drilled Depth: 32.00 m

Contractor Name: (None)
Driller: Karl Fransen
Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
78
Whole Lot //

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615893.000
Easting: 359234.000

Latitude: 30°34'52.3"S
Longitude: 151°31'55.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Welded Steel	-0.30	14.00	165			
1	1	Casing	Threaded Steel	14.00	30.00	135			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
30.50	32.00	1.50	Unconsolidated	9.70		0.50			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.40	0.40	Topsoil	Topsoil	
0.40	16.00	15.60	Clay Sandy Some Gravel	Clay	
16.00	25.00	9.00	Basalt Black	Basalt	
25.00	29.00	4.00	Clay	Clay	
29.00	32.00	3.00	Clay Yellow Sandy Water Supply	Clay	

***** End of GW062110 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW062586

Licence: 90WA825326

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:

Final Depth: 34.00 m

Completion Date:

Drilled Depth: 34.00 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
L2 DP251040 (234)
Whole Lot 2//251040

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6618218.000
Easting: 360403.000

Latitude: 30°33'37.3"S
Longitude: 151°32'40.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	34.00	130			Seated on Bottom
1		Casing	Casing Protector	-0.30	1.70	170			Driven into Hole
1	1	Opening	Slots - Horizontal	24.00	30.00	130		1 A: 5.00mm	

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
10.00	11.00	1.00	Unconsolidated						
15.00	16.00	1.00	Fractured			0.10			
24.00	25.00	1.00	Fractured			0.50			
29.00	30.00	1.00	Fractured	10.00		1.20			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Soil Surface	Soil	
1.00	7.00	6.00	Basalt	Basalt	

7.00	11.00	4.00	Clay Water Bearing	Clay	
11.00	34.00	23.00	Basalt Broken Water Supply	Basalt	

*** End of GW062586 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW063505

Licence: 30WA311185

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/05/1986

Final Depth: 35.00 m
Drilled Depth: 35.00 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
L18 DP253845 (37)
Whole Lot 18//253845

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616427.000
Easting: 369884.000

Latitude: 30°34'39.3"S
Longitude: 151°38'35.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.50	18.00	130			Suspended in Clamps
1	1	Casing	Welded Steel	-0.50	1.50	160			Driven into Hole
1	1	Opening	Slots - Horizontal	12.00	18.00	130		1	A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
13.00	15.00	2.00	Unconsolidated	13.00		0.10			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil	Topsoil	
1.00	6.00	5.00	Clay Red	Clay	
6.00	6.50	0.50	Clay White	Clay	
6.50	8.00	1.50	Sand Clay	Sand	
8.00	13.00	5.00	Clay	Clay	

13.00	16.00	3.00	Clay Water Supply	Clay	
16.00	35.00	19.00	Basalt Broken	Basalt	
13.00	16.00	3.00	Sand Seams	Sand	

*** End of GW063505 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW063576

Licence: 30WA320142

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC,FARMING
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1988

Final Depth: 22.00 m
Drilled Depth: 22.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: SPRING PARK 10558 New
England Hwy ARMIDALE 2350
NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
BUTLER
BUTLER

Cadastre
14
Whole Lot 14//5188

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6621322.000
Easting: 367266.000

Latitude: 30°31'59.3"S
Longitude: 151°36'59.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	22.00	125			Seated on Bottom
1	1	Opening	Perforations	18.00	22.00	125		1	A: 6.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.00	21.00	2.00	Fractured	9.00		0.76			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Loam	Loam	
1.00	2.00	1.00	Clay Orange	Clay	
2.00	6.00	4.00	Clay Sandy	Clay	
6.00	18.00	12.00	Basalt Decomposed Clay	Basalt	
18.00	22.00	4.00	Basalt Hard Water Supply	Basalt	

***** End of GW063576 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW063904

Licence: 30WA311259

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1987

Final Depth: 40.00 m
Drilled Depth: 40.00 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
L1 DP249153 (49)
Whole Lot 1//249153

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620665.000
Easting: 368953.000

Latitude: 30°32'21.3"S
Longitude: 151°38'02.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Backfill	Backfill	0.00	40.00	150			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.00	5.00	Soil Surface Clay	Soil	
5.00	8.00	3.00	Basalt Black	Basalt	
8.00	14.00	6.00	Clay	Clay	
14.00	20.00	6.00	Basalt Black	Basalt	
20.00	40.00	20.00	Basalt	Basalt	

*** End of GW063904 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW063905

Licence: 30WA311260

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1987

Final Depth: 20.70 m
Drilled Depth: 20.70 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
L1 DP249153 (49)
Whole Lot 1//249153

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6620577.000
Easting: 369301.000

Latitude: 30°32'24.3"S
Longitude: 151°38'15.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	20.70	130			Seated on Bottom
1	1	Opening	Slots - Horizontal	14.00	20.00	130		1	Plastic, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.00	18.00	1.00	Fractured	11.00		2.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Soil Surface	Soil	
2.00	9.00	7.00	Clay	Clay	
9.00	12.00	3.00	Siltstone	Siltstone	
12.00	20.00	8.00	Basalt Broken Water Supply	Basalt	
20.00	20.70	0.70	Basalt Solid	Basalt	

***** End of GW063905 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW064093

Licence: 90WA825349

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 01/08/1987

Final Depth: 30.00 m
Drilled Depth: 30.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: 024 - MISCELLANEOUS
FRACTURED ROCK OF THE
BARWON REGION

GW Zone: 999 - (blank)

Standing Water Level
(m):

Salinity Description: Potable

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
158
Whole Lot
158//755807

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613434.000
Easting: 357268.000

Latitude: 30°36'11.3"S
Longitude: 151°30'40.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	20.00	150			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.00	25.00	5.00	Fractured	2.00		1.14			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Clay	Clay	
2.00	5.00	3.00	Clay Light Sandy	Clay	
5.00	15.00	10.00	Basalt Decomposed	Basalt	
15.00	20.00	5.00	Basalt Hard	Basalt	

***** End of GW064093 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW064560

Licence: 30WA311303

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Mud

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1987

Final Depth: 27.00 m
Drilled Depth: 27.50 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
418
Whole Lot 30//4356

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616655.000
Easting: 376142.000

Latitude: 30°34'34.3"S
Longitude: 151°42'30.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Steel	-0.30	27.50	150			Seated on Bottom
1	1	Opening	Screen	21.50	24.50	125		1	Stainless Steel

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.50	24.00	2.50	Unconsolidated	15.00		1.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	Soil Surface	Soil	
3.00	3.50	0.50	Ironstone	Ironstone	
3.50	7.50	4.00	Clay Grey	Clay	
7.50	10.00	2.50	Clay Red	Clay	
10.00	15.00	5.00	Clay White	Clay	
15.00	21.00	6.00	Siltstone	Siltstone	

21.00	27.00	6.00	Sand Coarse Water Supply	Sand	
27.00	27.50	0.50	Basalt	Basalt	
0.00	3.00	3.00	Clay	Clay	

*** End of GW064560 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW064745

Licence: 30WA311319

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 01/02/1988

Final Depth:
Drilled Depth: 53.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
TIVERTON
TIVERTON

Cadastre
LT2 DP247588
Whole Lot 2//247588

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6615989.000
Easting: 379879.000

Latitude: 30°34'57.3"S
Longitude: 151°44'50.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Clay	Clay	
2.00	15.00	13.00	Basalt Decomposed	Basalt	
15.00	53.00	38.00	Basalt Hard	Basalt	

*** End of GW064745 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW065259

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 16/03/1988

Final Depth: 33.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SALTASH

Cadastre
122

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617428.000
Easting: 349755.000

Latitude: 30°33'58.3"S
Longitude: 151°25'60.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Opening		-100.00	0.00	125		1	
1	1	Casing	P.V.C.	0.00	24.00	125			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
22.00	33.00	11.00	Fractured	3.00		1.00			

*** End of GW065259 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW065308

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 02/06/1988

Final Depth: 22.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: SALISBURY
Cadastre: 4
Form A: SANDON
Licensed:

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6599044.000
Easting: 361210.000

Latitude: 30°44'00.3"S
Longitude: 151°33'01.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Steel	0.00	15.00	165			Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.00	20.00	5.00	Fractured	3.00		1.30			

*** End of GW065308 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW065339

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 20/04/1988

Final Depth: 30.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish ARDING Cadastre 219
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6613500.000
Easting: 357561.000

Latitude: 30°36'09.3"S
Longitude: 151°30'51.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	30.00	125			Seated on Bottom
1	1	Opening	Slots	25.00	28.00	125		1	Mechanically Slotted, A: 6.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
25.00	28.00	3.00	Fractured	3.00		1.50			

*** End of GW065339 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW065415

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 28/06/1988

Final Depth: 30.00 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

Form A: County SANDON Parish URALLA Cadastre UNKNOWN FROM HYDSYS

Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6614926.000
Easting: 358261.000

Latitude: 30°35'23.3"S
Longitude: 151°31'18.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	0.00	30.00	130			Seated on Bottom
1	1	Opening	Slots	26.00	30.00	130		1	A: 6.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
28.00	29.00	1.00	Fractured	6.00		1.00			

*** End of GW065415 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW065667

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 28/03/1989

Final Depth: 38.10 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: SAUMAREZ
Cadastre: 45
Form A: Licensed:

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616207.000
Easting: 372071.000

Latitude: 30°34'47.3"S
Longitude: 151°39'57.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		-0.30	11.60	182			Suspended in Clamps
1	1	Casing		11.60	35.00	152			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.20	20.70	1.50	Fractured						
37.80	38.10	0.30	Fractured			0.56			

*** End of GW065667 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW066517

Licence: 30WA311379

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 15/02/1989

Final Depth: 14.00 m
Drilled Depth: 14.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

Standing Water Level 4.300
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 1.520

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
LT1 DP246519
Whole Lot //

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 1062.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6619899.000
Easting: 369309.000

Latitude: 30°32'46.3"S
Longitude: 151°38'15.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		-0.50	16.80	153			Seated on Bottom
1	1	Opening	Slots - Vertical	13.50	14.00	156		1	Oxy-Acetylene Slotted, A: 12.70mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
13.50	14.00	0.50	Fractured	4.30		1.52			

Remarks

20/11/2009: Updated details as per existing data.

*** End of GW066517 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW066518

Licence: 30WA311378

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 15/02/1989

Final Depth: 21.30 m
Drilled Depth: 21.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level 3.000
(m):
Salinity Description:
Yield (L/s): 1.520

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARMIDALE
ARMIDALE
Cadastre: LT1 DP246519
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 1062.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6619838.000
Easting: 369283.000

Latitude: 30°32'48.3"S
Longitude: 151°38'14.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		-0.50	21.30	156			Seated on Bottom
1	1	Opening	Slots - Vertical	12.20	18.30	153		1	Oxy-Acetylene Slotted, A: 12.70mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.20	18.30	6.10	Fractured	3.00		1.52			

Remarks

20/11/2009: Updated details as per existing data.

*** End of GW066518 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW066520

Licence: 30WA311380

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 16/02/1989

Final Depth: 24.60 m
Drilled Depth: 24.60 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

Standing Water Level 8.500
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 3.790

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
LT1 DP246519
Whole Lot //

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 1060.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6619688.000
Easting: 377163.000

Latitude: 30°32'56.2"S
Longitude: 151°43'09.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		-0.50	24.60	171			Seated on Bottom
1	1	Opening	Slots - Vertical	19.50	24.40	171		1	Oxy-Acetylene Slotted, A: 3.18mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.50	24.40	4.90	Unconsolidated	8.50		3.79			

Remarks

20/11/2009: Updated details as per existing data.

*** End of GW066520 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW066521

Licence: 30WA311381

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 16/02/1989

Final Depth: 39.30 m
Drilled Depth: 39.30 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

Standing Water Level (m): 19.200

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 0.760

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
LT5 DP246519
Whole Lot //

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 1065.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6619559.000
Easting: 369153.000

Latitude: 30°32'57.3"S
Longitude: 151°38'09.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		-0.50	39.30	125			Seated on Bottom
1	1	Opening	Slots - Vertical	26.80	28.00	125		1	Oxy-Acetylene Slotted, A: 3.18mm
1	1	Opening	Slots	37.80	38.30	125		2	Oxy-Acetylene Slotted, A: 3.18mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
26.80	27.70	0.90	Fractured	19.20		0.46			
37.80	38.10	0.30	Fractured	19.20		0.76			

Remarks

20/11/2009: Updated details as per existing data.

***** End of GW066521 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW066527

Licence: 30WA311517

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 02/12/1990

Final Depth: 63.00 m
Drilled Depth: 63.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

Standing Water Level 9.000
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 1.250

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
 ARMIDALE
 ARMIDALE

Cadastre
 LT2 DP242740
 Whole Lot 2//242740

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 1063.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6619962.000
Easting: 369415.000

Latitude: 30°32'44.3"S
Longitude: 151°38'19.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Annulus	Waterworn/Rounded	30.00	63.00	160			
1	1	Casing	Steel	-0.30	33.00	137			Seated
1	1	Opening		31.50	33.00	125		1	Stainless Steel, A: 0.20mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
30.00	33.00	3.00	Unconsolidated	9.00		1.25			

Remarks

20/11/2009: Updated details as per existing data.

***** End of GW066527 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW066535

Licence: 30WA311666

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 11/11/1991

Final Depth: 41.00 m
Drilled Depth: 41.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level 9.000
(m):
Salinity Description:
Yield (L/s): 1.250

Site Details

Site Chosen By:

County SANDON
Form A: SANDON
Licensed: SANDON
Parish ARMIDALE
ARMIDALE
Cadastre LT3 DP242740
Whole Lot 3//242740

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 1060.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6619963.000
Easting: 369495.000

Latitude: 30°32'44.3"S
Longitude: 151°38'22.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.20	41.00	135			Seated on Bottom
1	1	Casing	Steel	-0.20	1.00	168			Driven into Hole
1	1	Opening	Slots - Vertical	29.00	41.00	133		1	Mechanically Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
30.00	41.00	11.00	Fractured	9.00		1.25			

Remarks

20/11/2009: Updated details as per existing data.

***** End of GW066535 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW066536

Licence: 30WA311668

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth: 41.00 m

Drilled Depth: 41.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level 7.000
(m):

Salinity Description:
Yield (L/s): 0.560

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
LT5 DP242740
Whole Lot 5//242740

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 1060.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6619934.000
Easting: 369629.000

Latitude: 30°32'45.3"S
Longitude: 151°38'27.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.20	41.00	135			Seated on Bottom
1	1	Casing	Steel	-0.20	1.00	168			Driven into Hole
1	1	Opening	Slots - Vertical	30.00	39.00	135		1	Mechanically Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
34.00	39.00	5.00	Fractured	7.00		0.56			

Remarks

20/11/2009: Updated details as per existing data.

***** End of GW066536 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW066596

Licence: 30WA311475

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/04/1992

Final Depth: 15.00 m
Drilled Depth: 15.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

Standing Water Level 9.000
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 2.070

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
BUTLER
BUTLER

Cadastre
LT16 DP5188
Whole Lot 16//5188

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 1070.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6620740.000
Easting: 367540.000

Latitude: 30°32'18.3"S
Longitude: 151°37'09.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	15.00	152			Seated on Bottom
1	1	Opening	Slots - Vertical	11.00	15.00	152		1	A: 2.60mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
11.00	15.00	4.00	Fractured	9.00		2.07			

Remarks

20/11/2009: Updated details as per existing data.

*** End of GW066596 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW066610

Licence: 30WA311386

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/03/1989

Final Depth: 62.40 m
Drilled Depth: 62.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

Standing Water Level 27.400
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 0.320

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: SAUMAREZ
Cadastre: 44 Whole Lot //

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 1040.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6616547.000
Easting: 372174.000

Latitude: 30°34'36.3"S
Longitude: 151°40'01.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		-0.30	23.80	182			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
23.80	27.50	3.70	Fractured			0.03			
27.40	40.80	13.40	Fractured			0.15			
40.80	62.40	21.60	Fractured	27.40		0.32			

Remarks

20/11/2009: Updated details as per existing data.

***** End of GW066610 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW066623

Licence: 30WA311693

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:

Final Depth: 29.00 m

Completion Date:

Drilled Depth: 29.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

Standing Water Level 10.000
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 0.380

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
LT21 DP250855
Whole Lot 21//250855

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 1000.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6615848.000
Easting: 367840.000

Latitude: 30°34'57.3"S
Longitude: 151°37'18.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	29.00	135			Seated on Bottom
1	1	Casing	Steel	-0.30	1.00	168			Driven into Hole
1	1	Opening	Slots - Horizontal	10.00	26.00	135		1	Mechanically Slotted, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.00	26.00	6.00	Fractured	10.00		0.38			

Remarks

20/11/2009: Updated details as per existing data.

***** End of GW066623 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW066624

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type:

Commenced Date:

Completion Date:

Final Depth: 130.00 m

Drilled Depth: 130.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

GWMA:

GW Zone:

Standing Water Level 12.000
(m):

Salinity Description:
Yield (L/s): 0.650

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SAUMAREZ

Cadastre
262

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 1030.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6617064.000
Easting: 369130.000

Latitude: 30°34'18.3"S
Longitude: 151°38'07.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	40.00	132			Seated on Bottom
1	1	Casing	Steel	-0.30	3.00	168			Driven into Hole
1	1	Opening	Slots - Horizontal	19.50	130.00	132		1	A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.00	21.00	1.00	Fractured	12.00		0.10			
34.00	36.00	2.00	Fractured			0.65			

Remarks

20/11/2009: Updated details as per existing data.

***** End of GW066624 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW066625

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type:

Commenced Date:
Completion Date: 20/03/1989

Final Depth: 24.40 m
Drilled Depth: 24.40 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

Standing Water Level 6.000
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.500

Site Details

Site Chosen By:

County SANDON
Parish ARDING
Cadastre 5

Region: 90 - Barwon

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 1060.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6615890.000
Easting: 361365.000

Latitude: 30°34'53.3"S
Longitude: 151°33'15.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	24.40	130			Seated on Bottom
1	1	Casing	Steel	-0.30	1.70	178			
1	1	Opening	Slots - Horizontal	12.00	24.00	130		1	A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.00	7.00	1.00	Fractured	6.00					
15.00	16.00	1.00	(Unknown) (natural flow)			0.30			
22.00	23.00	1.00	(Unknown) (natural flow)			0.20			

Remarks

20/11/2009: Updated details as per existing data.

*** End of GW066625 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW067444

Licence: 30WA311327

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/01/1988

Final Depth: 35.40 m
Drilled Depth:

Contractor Name: NEIL VOSS
Driller: Neville Keith Mannion
Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
GOSTWYCK
GOSTWYCK

Cadastre
LT1 DP227322
Whole Lot 1//227322

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6606575.000
Easting: 364027.000

Latitude: 30°39'56.9"S
Longitude: 151°34'50.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Steel	0.00	35.40	150			

Remarks

01/01/1988: ACC 7

*** End of GW067444 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW067687

Licence: 30WA311390

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date: 01/04/1989

Completion Date: 01/04/1989

Final Depth: 48.00 m

Drilled Depth: 48.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level 22.000
(m):

Salinity Description:
Yield (L/s): 1.000

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
EASTLAKE
EASTLAKE

Cadastre
198
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-3N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6594284.000
Easting: 371535.000

Latitude: 30°46'39.1"S
Longitude: 151°39'27.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	48.00	200			Rotary Air
1		Annulus	Crushed Aggregate	0.00	48.00	200			
1	1	Casing	P.V.C.	-0.50	48.00	130			Seated on Bottom
1	1	Opening	Slots - Horizontal	42.00	47.00	130		1	Sawn, PVC, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.00	25.00	1.00	Unconsolidated	22.00					
44.00	45.00	1.00	Fractured			1.00			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Granite Soil	Soil	
2.00	17.00	15.00	White Mudstone	Mudstone	

17.00	20.00	3.00	Red Clay	Clay	
20.00	33.00	13.00	Brown Clay	Clay	
33.00	39.00	6.00	Black Mudstone	Mudstone	
39.00	48.00	9.00	Black Shale	Shale	

Remarks

01/04/1989: ACC=7

***** End of GW067687 *****

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DRAFT

WaterNSW

Work Summary

GW067806

Licence: 30WA311394

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 19/04/1989

Final Depth: 52.42 m
Drilled Depth: 52.42 m

Contractor Name: Neville Keith MANNION

Driller: Neville Keith Mannion

Assistant Driller:

Property: N/A NSW

Standing Water Level (m): 13.710

GWMA: -
GW Zone: -

Salinity Description: Good
Yield (L/s): 0.009

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
LT8 DP818765
Whole Lot //

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619788.000
Easting: 369459.000

Latitude: 30°32'50.0"S
Longitude: 151°38'20.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	52.42	125			Rotary Air
1	1	Casing		-0.45	52.42	125			Seated on Bottom
1	1	Opening	Slots	48.46	51.81	125		0	SL: 203.2mm, A: 3.17mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
48.46	51.81	3.35	Unknown	13.71			52.42		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil	Topsoil	
1.00	1.52	0.52	Brown Clay and Basalt Boulders	Clay	
1.52	5.18	3.66	Brown Clay	Clay	
5.18	14.63	9.45	Red Clay	Clay	
14.63	29.87	15.24	Grey Clay	Clay	

29.87	31.08	1.21	Brown Clay	Clay	
31.08	39.31	8.23	Brown Clay	Clay	
39.31	43.28	3.97	Grey Clay	Clay	
43.28	47.54	4.26	Soft Grey Basalt	Basalt	
47.54	48.46	0.92	Basalt	Basalt	
48.46	51.81	3.35	Course Quatz Gravel and Sand	Invalid Code	
51.81	52.42	0.61	Clay	Clay	

*** End of GW067806 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW068005

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date: 21/09/1989

Completion Date: 23/09/1989

Final Depth: 25.90 m

Drilled Depth: 25.90 m

Contractor Name: Neville Keith MANNION

Driller: Neville Keith Mannion

Assistant Driller:

Property:

GWMA:

GW Zone:

Standing Water Level
(m):

Salinity Description: Good

Yield (L/s): 9.000

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SAUMAREZ

Cadastre
LT1 DP627806

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617291.000
Easting: 367446.000

Latitude: 30°34'10.3"S
Longitude: 151°37'03.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing		-0.30	8.80	182			
1	1	Casing		8.80	19.80	152			Suspended in Clamps
1	1	Opening	Slots - Vertical	9.80	10.40	1		1	Oxy-Acetylene Slotted, Stainless Steel, SL: 182.0mm, A: 4.76mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.60	4.30	0.70	Unconsolidated			3.64			
9.80	10.40	0.60	Fractured			0.20			
18.30	18.60	0.30	Fractured			5.46			
21.90	25.90	4.00	Fractured			9.00	25.90		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.90	0.90	Topsoil	Topsoil	

0.90	3.60	2.70	Clay Boulders	Clay	
3.60	4.20	0.60	Brown Basalt	Basalt	
4.20	8.50	4.30	Broken Basalt	Basalt	
8.50	9.70	1.20	Basalt	Basalt	
9.70	10.30	0.60	Grey Basalt	Basalt	
10.30	18.30	8.00	Basalt	Basalt	
18.30	18.60	0.30	Brown Basalt	Basalt	
18.60	21.90	3.30	Basalt	Basalt	
21.90	22.50	0.60	Brown Basalt	Basalt	
22.50	25.90	3.40	Basalt	Basalt	

Remarks

23/09/1989: ACC = 7

*** End of GW068005 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW068104

Licence:

Licence Status:

Authorised Purpose(s):

Intended Purpose(s): TEST BORE, STOCK, DOMESTIC

Work Type: Bore

Work Status: Test Hole

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:

Completion Date: 28/03/1992

Final Depth: 42.00 m

Drilled Depth: 42.00 m

Contractor Name: Coastal Drilling

Driller: Robert Leslie Tanner

Assistant Driller:

Property:

GWMA:

GW Zone:

Standing Water Level
(m):

Salinity Description: Excellent

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
LT1 DP519923

Region: 90 - Barwon

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616220.000
Easting: 360619.000

Latitude: 30°34'42.3"S
Longitude: 151°32'47.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	12.00	170			Rotary Air
1		Hole	Hole	12.00	42.00	170			Rotary Air
1	1	Casing	Pvc Class 9	-0.30	42.00	152			Seated on Bottom, Glued
1	1	Opening	Slots - Vertical	37.00	42.00	152		1	Sawn, PVC Class 9, SL: 100.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
37.00	41.50	4.50	Fractured	12.00		8.84	42.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Red Top Soil	Topsoil	
1.00	12.00	11.00	Grey To Brown Clays	Clay	
12.00	18.00	6.00	Soft Brown Basalt	Basalt	
18.00	30.00	12.00	basalt	Basalt	

30.00	35.00	5.00	Brown Coal	Coal	
35.00	37.00	2.00	basalt	Basalt	
37.00	41.50	4.50	Broken Basalt	Basalt	
41.50	42.00	0.50	Black Coal	Coal	

Remarks

28/03/1992: ACC=8

***** End of GW068104 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW068160

Licence: 90WA825531

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 31/03/1992

Final Depth: 66.00 m
Drilled Depth: 66.00 m

Contractor Name: Coastal Drilling
Driller: Robert Leslie Tanner
Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARDING
Cadastre: LT2 DP515065
Whole Lot 2//515065

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617083.000
Easting: 358974.000

Latitude: 30°34'13.6"S
Longitude: 151°31'45.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	24.00	170			Rotary Air
1		Hole	Hole	24.00	66.00	170			Rotary Air
1	1	Casing	Pvc Class 9	-0.30	48.00	152			Suspended in Clamps
1	1	Casing	Pvc Class 9	42.00	66.00	125			Seated on Bottom
1	1	Opening	Slots - Vertical	62.00	66.00	125		1	Sawn, PVC Class 9, SL: 100.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
62.00	66.00	4.00	Fractured	18.00		1.26	66.00	02:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	Grey Top Soil	Topsoil	
3.00	12.00	9.00	Grey To Brown Basaltic Clay	Clay	
12.00	14.00	2.00	Basalt Nobbies	Basalt	

14.00	24.00	10.00	Grey Basalt Clay	Clay	
24.00	33.00	9.00	basalt	Basalt	
33.00	54.00	21.00	Grey Clay	Clay	
54.00	62.00	8.00	basalt	Basalt	
62.00	66.00	4.00	Broken Basalt	Basalt	
66.00	66.00	0.00	basalt	Basalt	

Remarks

31/03/1992: ACC=7

***** End of GW068160 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW068161

Licence: 90WA834534

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 30/03/1992

Final Depth: 48.00 m
Drilled Depth: 48.00 m

Contractor Name: Coastal Drilling
Driller: Robert Leslie Tanner
Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
LT6 DP5531
Whole Lot 6//5531

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616563.000
Easting: 360203.000

Latitude: 30°34'30.9"S
Longitude: 151°32'31.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	18.00	170			Rotary Air
1		Hole	Hole	18.00	48.00	170			Rotary Air
1		Annulus	Waterworn/Rounded	0.00	48.00	170	152		Graded, Q:2.000m3
1	1	Casing	Pvc Class 9	-0.30	48.00	152			Seated on Bottom
1	1	Opening	Slots - Vertical	45.50	48.00	152		1	PVC Class 9, SL: 100.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
45.50	48.00	2.50	Unconsolidated	12.00		5.05			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Red Top Soil	Topsoil	
0.60	18.00	17.40	Brown To Grey Clay	Clay	
18.00	40.00	22.00	basalt	Basalt	

40.00	42.00	2.00	Brown Clay	Clay	
42.00	43.00	1.00	Coal (light Grey)	Coal	
43.00	45.50	2.50	Brown Clay	Clay	
45.50	48.00	2.50	Sands To .030 Wood & Coral	Sand	
48.00	48.00	0.00	Brown Sedimentary Basement Clay, Coral & Wood Dated At Armidale Uni To Be 30 Million Years Old.	Clay	

Remarks

30/03/1992: ACC=7

*** End of GW068161 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW068345

Licence: 90WA825434

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date: 09/01/1990

Completion Date: 09/01/1990

Final Depth: 52.00 m

Drilled Depth: 52.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level 15.000
(m):

Salinity Description:
Yield (L/s): 0.450

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
LT2 DP601463
Whole Lot 2//601463

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1S

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6605861.000
Easting: 355914.000

Latitude: 30°40'16.6"S
Longitude: 151°29'45.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	52.00	155			Rotary Air
1	1	Casing	P.V.C.	-0.30	52.00	130			Seated on Bottom
1	1	Casing	Steel	-0.30	1.00	168			Driven into Hole
1	1	Opening	Slots - Horizontal	16.00	22.00	130		1	PVC, SL: 0.1mm, A: 2.00mm
1	1	Opening	Slots - Horizontal	40.00	52.00	130		0	PVC

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.00	16.00	1.00	Fractured	15.00					
17.00	18.00	1.00	Fractured			0.08			
45.00	46.00	1.00	Fractured			0.37			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Granite Soil	Soil	

1.00	3.00	2.00	Clay	Clay	
3.00	6.00	3.00	Weatherite Granite	Granite	
6.00	52.00	46.00	Grey Granite Rock Fractures	Rock	

Remarks

17/07/1997: 3/4 HP 12 BC red Jacket Pump installed 2.2.90

*** End of GW068345 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW068811

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Filled,Backfilled

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 24/11/1990

Final Depth: 22.50 m
Drilled Depth: 22.50 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARDING
Cadastre: 3/251040
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6618301.000
Easting: 360549.000

Latitude: 30°33'34.7"S
Longitude: 151°32'45.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.GIS

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Backfill	Cement Grout	0.30	21.00				
1		Backfill	Gravel	21.50	22.00				
1		Backfill	Bentonite	22.00	22.50				
1	1	Casing	Steel	0.30	22.50	135			Seated on Bottom
1	1	Opening	Screen	21.00	22.00	110		1	Stainless Steel, A: 0.20mm
1	1	Casing	Concrete	22.00	22.50	160			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.00	22.50	1.50	Unconsolidated	6.00		1.87			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.50	1.50	Black Soil	Soil	
1.50	6.00	4.50	Broken Ironstone	Ironstone	

6.00	9.00	3.00		Ironstone	
9.00	21.00	12.00		Siltstone	
21.00	22.50	1.50	Coarse Sand	Sand	

Remarks

24/11/1990: ACC = 7.

02/05/2014: Nat Carling, 2-May-2014; Updated construction details, as provided by driller's decommission Form-A.

***** End of GW068811 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW070065

Licence: 90WA825547

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 18/05/1992

Final Depth: 29.00 m
Drilled Depth:

Contractor Name: Coastal Drilling
Driller: Robert Leslie Tanner
Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
LOT4 DP601600
Whole Lot 4//601600

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 1069.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6609266.000
Easting: 358735.000

Latitude: 30°38'27.3"S
Longitude: 151°31'33.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	29.00	152			Cemented
1	1	Opening	Slots - Vertical	25.00	29.00	152		1	A: 2.60mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
25.00	29.00	4.00	Fractured	9.00		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil	Unknown	
0.30	2.00	1.70	basalt clay	Unknown	
2.00	24.00	22.00	granite	Unknown	
24.00	29.00	5.00	granite	Unknown	

***** End of GW070065 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW070224

Licence: 30WA320154

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC,FARMING
Intended Purpose(s): STOCK, DOMESTIC, FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 16/09/1991

Final Depth: 22.00 m
Drilled Depth: 22.00 m

Contractor Name: (None)

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: HARRISON'S 12 Kelly Plains
School Rd KELLY PLAINS 2350
NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
LT23 DP571779
Whole Lot 2/1571779

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617331.000
Easting: 369766.000

Latitude: 30°34'09.9"S
Longitude: 151°38'31.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.GIS

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	22.00	135			Seated on Bottom
1	1	Casing	Steel	-0.30	2.00	175			Driven into Hole
1	1	Opening	Slots	15.00	22.00	135		1	Plastic, SL: 100.0mm, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.00	21.00	1.00	Fractured	4.00		1.25			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Black Soil	Soil	
2.00	3.00	1.00	Brown Clay	Clay	
3.00	15.00	12.00		Siltstone	
15.00	22.00	7.00	Broken Basalt	Basalt	

***** End of GW070224 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW070250

Licence: 90WA825548

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:

Completion Date: 20/06/1999

Final Depth:

Drilled Depth: 36.00 m

Contractor Name: Coastal Drilling

Driller: Robert Leslie Tanner

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
L3 DP249770 (254)
Whole Lot 3//249770

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 1050.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6611345.000
Easting: 357616.000

Latitude: 30°37'19.3"S
Longitude: 151°30'52.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.30	32.00	152			Suspended in Clamps
1	1	Opening	Slots - Vertical	28.00	32.00	152		1	A: 2.60mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
28.00	32.00	4.00	Fractured	8.00		0.38			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil	Unknown	
0.30	1.00	0.70	brown clay	Unknown	
1.00	3.00	2.00	granite	Unknown	
3.00	9.00	6.00	granite	Unknown	
9.00	12.00	3.00	granite	Unknown	
12.00	28.00	16.00	granite	Unknown	

28.00	32.00	4.00	granite	Unknown	
32.00	36.00	4.00	granite	Unknown	

*** End of GW070250 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW070285

Licence: 30WA307457

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 19/06/1992

Final Depth: 43.00 m
Drilled Depth: 43.00 m

Contractor Name: Coastal Drilling
Driller: Robert Leslie Tanner
Assistant Driller:

Property: N/A 4 Karava Place URALLA 2358
NSW
GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: UNKNOWN
URALLA
Cadastre: Whole Lot 20//746984

Region: 30 - North Coast

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6611135.000
Easting: 357384.000

Latitude: 30°37'26.0"S
Longitude: 151°30'43.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	170			Rotary Air
1		Hole	Hole	6.00	43.00	170			Rotary Air
1	1	Casing	Pvc Class 9	-0.30	43.00	152			Seated on Bottom, Glued
1	1	Opening	Slots - Vertical	38.00	42.00	152		1	PVC Class 9, SL: 100.0mm, A: 2.60mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
38.00	42.00	4.00	Unknown	9.00		0.38	43.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	GREY TOPSOIL	Unknown	
0.30	3.00	2.70	RED GRANITE CLAY	Unknown	
3.00	6.00	3.00	GREY GRANITE CLAY	Unknown	
6.00	18.00	12.00	GRANITE FLOATER	Unknown	

18.00	38.00	20.00	GRANITE	Unknown	
38.00	42.00	4.00	CRACKY GRANITE	Unknown	
42.00	43.00	1.00	GRANITE	Unknown	

*** End of GW070285 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW070479

Licence: 30WA320156

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC,FARMING
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Percussion

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1992

Final Depth: 60.00 m
Drilled Depth: 60.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: PRYOR'S 383 Castledoyle Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 30.000
(m):

Salinity Description: Good
Yield (L/s): 1.250

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
L7 DP576047 (718)
Whole Lot 11//843324

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 985.00 m (A.H.D.)
Elevation Source: Est. Contour 8-15M.

Northing: 6620013.000
Easting: 376370.000

Latitude: 30°32'45.3"S
Longitude: 151°42'40.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.MAP

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	60.00	178			Rotary
1	1	Casing	P.V.C.	-0.30	60.00	135			Seated on Bottom, Glued
1	1	Casing	Steel	-0.30	4.00	178			Driven into Hole
1	1	Opening	Slots - Horizontal	32.00	60.00	135		1	Stamped, PVC, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
33.00	34.00	1.00	Fractured	30.00		0.14		02:00:00	
48.00	49.00	1.00	Fractured			0.30			
50.00	51.00	1.00	Fractured			0.81			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	25.00	25.00	Clay	Clay	
25.00	34.00	9.00	Ironstone	Ironstone	

***** End of GW070479 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW070623

Licence: 90WA825585

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:
Completion Date: 22/04/1993

Final Depth: 68.50 m
Drilled Depth: 68.50 m

Contractor Name: Watermin Drillers Pty Ltd

Driller: Barry Trevor Miles

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DEVON
DEVON

Cadastre
LOT 3 DP 810327
Whole Lot 3//810327

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6609869.000
Easting: 352447.000

Latitude: 30°38'05.0"S
Longitude: 151°27'37.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	15.20	165			Rotary Air
1		Hole	Hole	15.20	68.50	165			Rotary Air

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
0.00	0.00	0.00	Unknown						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	DARK BROWN SOIL	Unknown	
1.00	15.24	14.24	WEATHERED GRANITE	Unknown	
15.24	68.50	53.26	BLUE GRANITE	Unknown	

Remarks

26/09/1996: DRY HOLE (TO BE DEEPENED AT A LATER DATE)

*** End of GW070623 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW071582

Licence: 90WA825592

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 18/05/1993

Final Depth: 30.50 m
Drilled Depth: 30.50 m

Contractor Name: Coastal Drilling
Driller: Robert Leslie Tanner
Assistant Driller:

Property: DIAMOND K New England Hwy
URALLA 2358 NSW
GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: URALLA
Form A: SANDON
Licensed: SANDON
Cadastre: 615
Whole Lot
615//755846

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6604199.000
Easting: 353545.000

Latitude: 30°41'09.6"S
Longitude: 151°28'15.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	160			Rotary
1		Hole	Hole	6.00	30.50	140			Rotary
1	1	Casing	Pvc Class 9	0.00	0.00	125			Seated on Bottom, Glued
1	1	Opening	Slots - Vertical	25.00	30.00	125		0	PVC Class 9, SL: 100.0mm, A: 2.60mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
25.00	30.00	5.00	Unknown	8.00		3.03	30.50	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	BROWN TOPSOIL	Unknown	
0.30	1.00	0.70	BROWN CLAY BASALT NOBBIES	Unknown	
1.00	6.00	5.00	BROWN CLAY	Unknown	

6.00	25.00	19.00	BASALT	Unknown	
25.00	30.00	5.00	FRACTURED BASALT	Unknown	
30.00	30.50	0.50	BASALT	Unknown	

*** End of GW071582 ***

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DRAFT

WaterNSW Work Summary

GW071620

Licence: 90WA834540

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 22/06/1993

Final Depth: 58.00 m
Drilled Depth: 58.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
HARNHAM
HARNHAM

Cadastre
220
Whole Lot
220//755829

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6594669.000
Easting: 352591.000

Latitude: 30°46'18.6"S
Longitude: 151°27'34.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	58.00	155			Rotary
1	1	Casing	P.V.C.	-0.50	58.00	135			Seated on Bottom
1	1	Casing	Steel	-0.50	2.50	170			Driven into Hole
1	1	Opening	Slots - Horizontal	50.00	58.00	135		0	Sawn, PVC, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
2.00	3.00	1.00	Unknown	7.00					
54.00	57.00	3.00	Unknown				57.00		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	GRANITE SOIL	Unknown	
1.00	3.00	2.00	CLAY	Unknown	

*** End of GW071620 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW071621

Licence: 90WA825603

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): TEST BORE

Work Type: Bore

Work Status:

Construct.Method: Rot. Rev. Circ

Owner Type:

Commenced Date:
Completion Date: 26/09/1993

Final Depth: 15.60 m
Drilled Depth: 15.60 m

Contractor Name: Drillwell Construction

Driller: Alec Linton

Assistant Driller:

Property: HIGHLANDS Bundarra Rd ROCKY
RIVER 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A:
Licensed: SANDON

Parish
UNKNOWN
ARDING

Cadastre
Whole Lot
115/755807

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6612898.000
Easting: 354229.000

Latitude: 30°36'27.4"S
Longitude: 151°28'45.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	15.60	200			Rot. Rev. Circ. Air
1	1	Casing	Steel	-0.30	15.60	168			Seated on Bottom, Welded
1	1	Opening	Slots - Vertical	4.10	15.60	168		0	Oxy-Acetylene Slotted, Steel, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
8.30	15.00	6.70	Unknown	5.70		6.20	15.60		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.70	5.70	BROWN LOAM &N TOPSOIL	Unknown	
5.70	15.60	9.90	GRAVEL	Unknown	

***** End of GW071621 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW072597

Licence: 30WA312041

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 22/04/1994

Final Depth: 14.10 m
Drilled Depth: 14.10 m

Contractor Name: Drillwell Construction

Driller: Alec Linton

Assistant Driller:

Property: N/A Lot 12 Heathersleigh Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 4.800
(m):

Salinity Description: 0-500 ppm
Yield (L/s): 1.130

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
LOT 12 DP243989
Whole Lot 12//243989

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6615948.000
Easting: 369471.000

Latitude: 30°34'54.7"S
Longitude: 151°38'19.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.GIS

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	3.00	190			Rotary
1		Hole	Hole	3.00	141.00	160			Rotary
1	1	Casing	Steel	-0.60	3.00	160			Driven into Hole, Welded
1	1	Casing	P.V.C.	0.00	14.10	152			Seated on Bottom, Glued
1	1	Opening	Slots - Horizontal	8.10	14.10	152		1	Sawn, PVC, A: 1.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
8.00	14.10	6.10	Unconsolidated	4.80		1.13	14.10		205.00

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	10.50	10.50	Brown & Yellow Clay	Clay	
10.50	11.50	1.00	White Clay	Clay	
11.50	14.10	2.60	Sand	Sand	

Remarks

22/04/1994: TDS = 205 MG/L
22/04/1994: ACC = 7

***** End of GW072597 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW073220

Licence: 30WA312184

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 13/11/1994

Final Depth: 25.00 m
Drilled Depth: 25.00 m

Contractor Name: NEW ENGLAND DRILLING
COMPANY

Driller: Tony Michael Abra

Assistant Driller:

Property: BLAKE 514 WINTERBOURNE RD
WALCHA 2354 NSW

GWMA: -
GW Zone: -

Standing Water Level 4.000
(m):

Salinity Description:
Yield (L/s): 1.580

Site Details

Site Chosen By:

County
Form A: VERNON
Licensed: VERNON

Parish
WINTERBOURNE
WINTERBOURNE

Cadastre
LOT 1 DP529780
Whole Lot 1//529780

Region: 30 - North Coast

CMA Map: 9236-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6586946.000
Easting: 383157.000

Latitude: 30°50'41.7"S
Longitude: 151°46'41.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD.,ACC.GIS

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	25.00	125			Rotary
1	1	Casing	Pvc Class 9	-0.40	25.00	125			Seated on Bottom, Glued
1	1	Opening	Slots - Horizontal	13.00	24.00	125		1	PVC Class 9, A: 5.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
13.00	14.00	1.00	Fractured			0.08	15.00		
22.00	24.00	2.00	Fractured	4.00		1.50	25.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.00	5.00	Clay	Clay	
5.00	11.00	6.00	Clay & Rock	Clay	
11.00	25.00	14.00	Basalt	Basalt	

***** End of GW073220 *****

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DRAFT

WaterNSW

Work Summary

GW073610

Licence: 30WA312193

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 07/11/1994

Final Depth: 34.00 m
Drilled Depth: 34.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: LANSLOWNE Dangarsleigh Via
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
41
Whole Lot //

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616086.000
Easting: 371713.000

Latitude: 30°34'51.1"S
Longitude: 151°39'43.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: PR.,ACC.GIS

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.50	0.00	115			Seated on Bottom
1	1	Opening	Slots	32.00	34.00	115		1	Sawn, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
32.50	34.00	1.50	Fractured	6.10		2.50			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.60	1.60	Topsoil & Loose Gravel	Topsoil	
1.60	6.80	5.20	Basalt Clay (orange Brown)	Clay	
6.80	21.00	14.20		Siltstone	
21.00	32.50	11.50		Basalt	
32.50	34.00	1.50	Broken Basalt	Basalt	

***** End of GW073610 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW073617

Licence: 30WA312217

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 18/11/1994

Final Depth: 31.40 m
Drilled Depth: 31.40 m

Contractor Name: Drillwell Construction

Driller: Alec Linton

Assistant Driller:

Property: MENZIES' 'Parnly' Blue Mountain
Rd URALLA 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level (m): 14.300

Salinity Description: Good
Yield (L/s): 0.080

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
LAWRENCE
LAWRENCE

Cadastre
4
Whole Lot //

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6590174.000
Easting: 372824.000

Latitude: 30°48'53.0"S
Longitude: 151°40'13.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.GIS

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Steel	-0.10	1.30	168			Driven into Hole
1	1	Casing	P.V.C.	0.00	31.40	150			Seated on Bottom, Glued
1	1	Opening	Slots - Horizontal	18.29	31.40			0	Sawn, PVC Class 9, Glued, SL: 13.1mm, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.20	19.50	0.30	Fractured	14.30		0.08	20.00		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61		Topsoil	
0.61	3.05	2.44		Clay	
3.05	18.29	15.24	Brown Shale	Shale	
18.29	31.40	13.11	Black Basalt	Basalt	

***** End of GW073617 *****

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DRAFT

WaterNSW

Work Summary

GW073618

Licence: 30WA312218

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 18/11/1994

Final Depth: 49.70 m
Drilled Depth: 49.70 m

Contractor Name: Drillwell Construction

Driller: Alec Linton

Assistant Driller:

Property: MENZIES' 'Rose Valley' Carla
Menzies Rd URALLA 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level (m): 24.090

Salinity Description: Good
Yield (L/s): 0.630

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
EASTLAKE
EASTLAKE

Cadastre
83
Whole Lot //

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6594427.000
Easting: 366304.000

Latitude: 30°46'32.4"S
Longitude: 151°36'10.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: GD., ACC.GIS

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Pvc Class 9	-0.60	49.70	150			Seated on Bottom, Glued
1	1	Opening	Slots - Horizontal	30.50	49.70	150		1	Sawn, PVC Class 9, Glued, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
31.40	32.00	0.60	Fractured	24.10		0.45			
43.60	44.20	0.60	Fractured	24.10		0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.46	0.46		Topsoil	
0.46	24.39	23.93		Invalid Code	
24.39	49.70	25.31	Black Basalt	Basalt	

***** End of GW073618 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW103412

Licence: 30WA312413

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:
Completion Date: 31/12/1995

Final Depth: 60.00 m
Drilled Depth:

Contractor Name: Coastal Drilling

Driller:

Assistant Driller:

Property: " RAYENDA " Lot 4 Middle Farm Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s): 0.250

Site Details

Site Chosen By:

County: SANDON
Parish: GARA
Cadastre: LOT 4 DP838032
Whole Lot 4//838032

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6620739.000
Easting: 378999.000

Latitude: 30°32'22.7"S
Longitude: 151°44'19.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	60.00	100			Unknown

Remarks

31/12/1995: Form A Remarks:

Tanner the driller came from Coffs Harbour. No further details. Mr Tanner sent all relevant details to Land and Water Conservation.

*** End of GW103412 ***

DRAFT

WaterNSW

Work Summary

GW300078

Licence: 30WA312321

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 10/08/1995

Final Depth: 24.00 m
Drilled Depth: 24.00 m

Contractor Name: DROUGHT BUSTER DRILLING
PTY LTD

Driller: Garry Noel Dell

Assistant Driller:

Property: GILBODY'S 'Anembo' 210
Heatherslea Rd KELLEY PLAINS
2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON Parish: UNKNOWN
Form A: Licensed: SAUMAREZ Cadastre: Whole Lot 12//248925

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616850.000
Easting: 368974.000

Latitude: 30°34'25.2"S
Longitude: 151°38'01.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	2.00	175			Rotary Air
1		Hole	Hole	2.00	24.00	150			Rotary Air
1	1	Casing	P.V.C.	-0.60	24.00	125			Seated on Bottom, Glued
1	1	Opening	Slots - Horizontal	21.00	23.00	125		1	Sawn, PVC, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.20	22.10	0.90	Unknown	6.60		0.42	24.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	CLAY & BASALT PEBBLES	Unknown	
2.00	21.20	19.20	BASALT ROCK	Unknown	
21.20	22.10	0.90	FRACTURED ROCK	Unknown	

22.10	24.00	1.90	BASALT ROCK	Unknown	
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***** End of GW300078 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW300281

Licence: 30WA311736

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 08/09/1992

Final Depth: 42.00 m
Drilled Depth: 42.00 m

Contractor Name: Coastal Drilling
Driller: Robert Leslie Tanner
Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ENMORE
Cadastre: 136
Form A: SANDON
Licensed: SANDON
ENMORE
Whole Lot //

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6597401.000
Easting: 380171.000

Latitude: 30°45'01.1"S
Longitude: 151°44'53.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	7.00	170			Rotary Air
1		Hole	Hole	7.00	42.00	170			Rotary Air
1	1	Casing	Pvc Class 9	0.00	36.00	152			Suspended in Clamps, Screwed and Glued
1	1	Opening	Slots - Vertical	25.00	27.00	152		1	Sawn, PVC Class 9, SL: 100.0mm, A: 2.60mm
1	1	Opening	Slots - Vertical	30.00	34.50			2	Sawn, SL: 100.0mm, A: 2.60mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
23.00	27.00	4.00	Unknown	5.50		0.13	42.00	01:00:00	
30.00	34.50	4.50	Unknown	5.50		0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	GREY TOPSOIL	Unknown	
3.00	7.00	4.00	GRANITE CLAY & FLOATERS	Unknown	

7.00	23.00	16.00	GRANITE	Unknown	
23.00	27.00	4.00	CRACKY GRANITE	Unknown	
27.00	30.00	3.00	GRANITE	Unknown	
30.00	34.50	4.50	CRACKY GRANITE	Unknown	
34.50	42.00	7.50	GRANITE	Unknown	

*** End of GW300281 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW300376

Licence: 30WA311371

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 08/12/1988

Final Depth: 33.22 m
Drilled Depth: 33.22 m

Contractor Name: Neville Keith MANNION

Driller: Neville Keith Mannion

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: SAUMAREZ
Cadastre: LT6 DP241320
Form A: SANDON
Licensed: SANDON
SAUMAREZ
Whole Lot 6//241320

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617638.000
Easting: 369276.000

Latitude: 30°33'59.7"S
Longitude: 151°38'12.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	33.22	0			Rotary
1	1	Casing	P.V.C.	0.00	7.62	152	145		()

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.20	19.50	0.30	Unknown						
26.21	26.51	0.30	Unknown	19.20		435.00			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Top soil	Unknown	
0.60	3.35	2.75	Clay & boulders	Unknown	
3.35	7.31	3.96	Brown clay	Unknown	
7.31	19.20	11.89	Basalt	Unknown	
19.20	19.50	0.30	Soft basalt	Unknown	

19.50	26.21	6.71	Basalt	Unknown	
26.21	26.31	0.10	Brown basalt	Unknown	
26.31	33.22	6.91		Unknown	

Remarks

10/10/2011: Adjusted Inside, Outside Diameter and Thickness due to data entry errors with advice from Madhwan Keshwan. GDS Data Cleanup project 2011.

***** End of GW300376 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW300382

Licence: 30WA311428

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 19/09/1989

Final Depth: 62.48 m
Drilled Depth: 62.48 m

Contractor Name: Neville Keith MANNION

Driller: Neville Keith Mannion

Assistant Driller:

Property: DOYLE'S 104 Heathersleigh Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
LT4 DP2413201
Whole Lot 4//241320

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616376.000
Easting: 369588.000

Latitude: 30°34'40.8"S
Longitude: 151°38'23.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	62.48	152			Rotary Air
1	1	Casing		0.00	60.96	125	120		Driven into Hole
1	1	Opening	Slots	27.43	28.95	125		1	Oxy-Acetylene Slotted, , SL: 177.8mm, A: 3.17mm
1	1	Opening	Slots	59.13	60.35	125		2	Oxy-Acetylene Slotted, , SL: 177.8mm, A: 3.17mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
28.65	28.95	0.30	Unknown	27.43		250.00	62.48		
59.13	59.43	0.30	Unknown			2500.00	62.48		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Top soil	Unknown	

0.60	11.27	10.67	Clay & rock	Unknown	
11.27	33.52	22.25	Basalt	Unknown	
33.52	34.13	0.61	Soft brown clay	Unknown	
34.13	48.76	14.63	Basalt	Unknown	
48.76	49.13	0.37	Hard basalt	Unknown	
49.13	52.73	3.60	Soft basalt	Unknown	
52.73	55.77	3.04	Brown basalt	Unknown	
55.77	59.43	3.66	Porous basalt	Unknown	
59.43	62.48	3.05	Basalt	Unknown	

Remarks

10/10/2011: Adjusted Inside, Outside Diameter and Thickness due to data entry errors with advice from Madhwan Keshwan. GDS Data Cleanup project 2011.

*** End of GW300382 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW300386

Licence: 30WA311466

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 30/11/1989

Final Depth: 81.00 m
Drilled Depth:

Contractor Name: Garry Stanley STRUDWICK

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Fair
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: SAUMAREZ
Cadastre: LT4 DP586246
Whole Lot 4//586246

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6615709.000
Easting: 377807.000

Latitude: 30°35'05.6"S
Longitude: 151°43'32.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	81.00	0			(Unknown)
1	1	Casing	P.V.C.	0.00	81.00	150			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
0.00	81.00	81.00	Unknown	40.00	75.00	0.35			

Remarks

30/11/1989: Form A Remarks:
This information is provided on Form "AG".

***** End of GW300386 *****

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DRAFT

WaterNSW

Work Summary

GW300414

Licence: 30WA311400

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/12/1988

Final Depth: 34.00 m
Drilled Depth:

Contractor Name: Garry Stanley STRUDWICK

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: MACKAY & GROSS Lots 1 & 11
Hariat Gully Rd ARMIDALE 2350
NSW

GWMA: -
GW Zone: -

Standing Water Level 33.500
(m):

Salinity Description:
Yield (L/s): 11.000

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
LOT 11 DP248244
Whole Lot 11//248244

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6614589.000
Easting: 368919.000

Latitude: 30°35'38.6"S
Longitude: 151°37'57.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	34.00	15			Unknown
1	1	Casing	P.V.C.	0.00	34.00	15			

*** End of GW300414 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW300416

Licence: 30CA320357

Licence Status: CURRENT

Authorised Purpose(s): IRRIGATION,STOCK
Intended Purpose(s): STOCK, IRRIGATION

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth:

Drilled Depth:

Contractor Name:

Driller:

Assistant Driller:

Property: WYBELEENA 588 Hawthorn Drive
Arding Via URALLA 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
LOT 1 DP519923
Whole Lot 1//519923

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616320.000
Easting: 360641.000

Latitude: 30°34'39.0"S
Longitude: 151°32'48.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Remarks

19/11/1996: Form A Remarks:
Existing dam constructed before we purchased property. Information provided on Form "AG".
02/12/2009: Reviewed data - nothing to update.

*** End of GW300416 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW300418

Licence: 30WA311526

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 24/12/1993

Final Depth: 37.00 m
Drilled Depth:

Contractor Name:

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
LT2 DP242740
Whole Lot 2//242740

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619947.000
Easting: 369410.000

Latitude: 30°32'44.8"S
Longitude: 151°38'18.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	37.00	0			(Unknown)
1	1	Casing	Steel	0.00	37.00	35			()

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
0.00	37.00	37.00	Unknown						

Remarks

24/12/1993: Form A Remarks:

The bore was 37m deep. Drilling through clay mainly until finding a river bed. The material of the bed was while sandy gravel with smooth river rocks. The bore was steel cased with a stainless steel filter at the bottom, filter aprox 1m long. The water was very clear, bore pumped approx 1200 gallons per hour. Information provided on Form "AG".

***** End of GW300418 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW300422

Licence: 30WA311389

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 06/03/1989

Final Depth: 15.50 m
Drilled Depth:

Contractor Name:

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
16
Whole Lot
220/755814

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6614100.000
Easting: 366490.000

Latitude: 30°35'53.5"S
Longitude: 151°36'26.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	15.50	0			Rotary
1	1	Opening	Slots	0.00	17.00	12		1	Steel
1	1	Casing	Steel	0.00	17.00	12			()

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
0.00	15.50	15.50	Unknown			16.60			

Remarks

06/03/1989: Form A Remarks:
Information provided on Form "AG".

***** End of GW300422 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW300512

Licence: 30WA320176

Licence Status: CURRENT

Authorised Purpose(s): STOCK,FARMING
Intended Purpose(s): DOMESTIC, FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 28/01/1995

Final Depth: 30.90 m
Drilled Depth: 30.90 m

Contractor Name: Alec LINTON

Driller: Alec Linton

Assistant Driller:

Property: N/A 'Auchen Dhu' WALCHA 2354
NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description: Fair
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: VERNON
Licensed: VERNON

Parish
EUROPAMBELA
EUROPAMBELA

Cadastre
314
Whole Lot
352//873508

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6590272.000
Easting: 374567.000

Latitude: 30°48'50.5"S
Longitude: 151°41'19.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	30.90	160			Rotary Air
1	1	Casing	P.V.C.	-0.30	30.90	160	142		Seated on Bottom, , Glued
1	1	Opening	Slots	12.90	30.90	150		1	Sawn, PVC, SL: 18.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.90	13.40	0.50	Unknown	6.00		3.25	30.90		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	Top soil	Unknown	
3.00	4.50	1.50	Red clay	Unknown	
4.50	6.00	1.50	Shale	Unknown	
6.00	12.00	6.00	Sandstone	Unknown	

12.00	18.00	6.00	Grey stone	Unknown	
18.00	24.00	6.00	Brown shale	Unknown	
24.00	30.90	6.90	Fractured shale	Unknown	

Remarks

10/10/2011: Adjusted Inside, Outside Diameter and Thickness due to data entry errors with advice from Madhwan Keshwan. GDS Data Cleanup project 2011.

***** End of GW300512 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW300532

Licence: 30WA311618

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 27/09/1991

Final Depth: 59.00 m
Drilled Depth:

Contractor Name: Garry Stanley STRUDWICK

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARMIDALE
Cadastre: 839 Whole Lot //
Form A: SANDON
Licensed: SANDON

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6620612.000
Easting: 376209.000

Latitude: 30°32'25.8"S
Longitude: 151°42'34.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	59.00	0			Rotary
1	1	Opening	Slots	0.10	59.00	135		1	PVC, SL: 56.0mm, A: 3.90mm
1	1	Casing	P.V.C.	0.10	59.00	135			()

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
0.00	59.00	59.00	Unknown	19.00		0.41			

Remarks

27/09/1991: Form A Remarks:

Information provided on Form "AG".

23/09/2011: Slot Length and Width adjusted due to data entry errors with advice from Madhwan Keshwan. GDS Data Cleanup project 2011.

***** End of GW300532 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW300546

Licence: 30WA311744

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 30/04/1992

Final Depth: 26.00 m
Drilled Depth:

Contractor Name: Garry Stanley STRUDWICK

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: Oorawilly Oorawilly WALCHA 2354
NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: VERNON
Licensed: VERNON

Parish
WINTERBOURNE
WINTERBOURNE

Cadastre
LT2 DP230136
Whole Lot 2//230136

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6588457.000
Easting: 377348.000

Latitude: 30°49'50.5"S
Longitude: 151°43'03.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	26.00	0			(Unknown)
1	1	Opening	Slots	0.00	20.00	150		1	()
1	1	Casing		0.00	20.00	150			()

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
0.00	26.00	26.00	Unknown			10.00			

Remarks

30/04/1992: Form A Remarks:
Information provided on Form 'AG'. Fitted with windmill for domestic and stock water.

*** End of GW300546 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW300571

Licence: 30WA312255

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rot. Rev. Circ

Owner Type: Private

Commenced Date:
Completion Date: 19/12/1994

Final Depth: 16.00 m
Drilled Depth: 16.00 m

Contractor Name: NEW ENGLAND DRILLING
COMPANY

Driller: Tony Michael Abra

Assistant Driller:

Property: FLETCHER'S 'Auchen Dhu'
WALCHA 2354 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
EASTLAKE
EASTLAKE

Cadastre
PT 96
Whole Lot 96//755820

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6589101.000
Easting: 373620.000

Latitude: 30°49'28.2"S
Longitude: 151°40'43.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.40	16.00	125			Glued
1	1	Opening	Slots	11.00	15.00	125		0	Slotted In Hole, PVC, SL: 125.0mm, A: 1.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.00	14.00	2.00	Unknown	7.00		1.00	16.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.00	4.00	TOPSOIL	Unknown	
4.00	16.00	12.00	BASALT	Unknown	

Remarks

***** End of GW300571 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW300572

Licence: 30WA312256

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rot. Rev. Circ

Owner Type: Private

Commenced Date:
Completion Date: 20/12/1994

Final Depth: 47.00 m
Drilled Depth: 47.00 m

Contractor Name: NEW ENGLAND DRILLING
COMPANY

Driller: Tony Michael Abra

Assistant Driller:

Property: FLETCHER'S 'Auchen Dhu'
WALCHA 2354 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A:
Licensed: SANDON

Parish
UNKNOWN
EASTLAKE

Cadastre
Whole Lot 96//755820

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6588700.000
Easting: 373443.000

Latitude: 30°49'41.1"S
Longitude: 151°40'36.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.40	47.00	125			Seated on Bottom, Glued
1	1	Opening	Slots	15.00	45.00	125		0	Sawn, PVC, SL: 125.0mm, A: 2.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.00	20.00	5.00	Unknown	8.00		0.40	41.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	TOPSOIL	Unknown	
3.00	47.00	44.00	BASALT	Unknown	

Remarks

***** End of GW300572 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW300573

Licence: 30WA312257

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rot. Rev. Circ

Owner Type: Private

Commenced Date:
Completion Date: 18/12/1994

Final Depth: 47.00 m
Drilled Depth: 47.00 m

Contractor Name: NEW ENGLAND DRILLING
COMPANY

Driller: Tony Michael Abra

Assistant Driller:

Property: FLETCHER'S 'Auchen Dhu'
WALCHA 2354 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
EASTLAKE
EASTLAKE

Cadastre
PT 96
Whole Lot 96/755820

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6587368.000
Easting: 372446.000

Latitude: 30°50'24.0"S
Longitude: 151°39'58.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	P.V.C.	-0.40	47.00	125			Seated on Bottom, Glued
1	1	Opening	Slots	28.00	46.00	125		0	Sawn, PVC, SL: 125.0mm, A: 2.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
32.00	40.00	8.00	Unknown	9.00		0.50	43.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	4.00	4.00	TOPSOIL	Unknown	
4.00	47.00	43.00	BASALT	Unknown	

Remarks

***** End of GW300573 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW300635

Licence: 30WA311751

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 06/04/1992

Final Depth: 40.00 m
Drilled Depth:

Contractor Name:

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level 6.000
(m):
Salinity Description: Poor
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
852
Whole Lot
852//755808

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6618229.000
Easting: 368269.000

Latitude: 30°33'40.1"S
Longitude: 151°37'35.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Remarks

06/04/1992: Form A Remarks:
Information provided on Form 'AG'. Water quality unsuitable for human consumption, however water used for garden purposes. Details of bore construction were forward to Tamworth.

*** End of GW300635 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW300784

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rot. Rev. Circ

Owner Type:

Commenced Date:
Completion Date: 13/10/1996

Final Depth: 62.00 m
Drilled Depth: 62.00 m

Contractor Name: DROUGHT BUSTER DRILLING
PTY LTD

Driller: Garry Noel Dell

Assistant Driller:

Property:

Standing Water Level 62.000
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.075

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
TIVERTON

Cadastre
22//569395

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6615738.000
Easting: 381181.000

Latitude: 30°35'05.9"S
Longitude: 151°45'38.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	62.00	127			Rotary
1	1	Casing	P.V.C.	-0.80	62.00	112			Seated on Bottom, Cemented
1	1	Opening	Slots - Horizontal	28.00	34.00	112		0	Sawn, PVC, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
30.00	33.00	3.00	Unknown	28.00		0.07	36.00		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	8.00	8.00	BROKEN BASALT ROCK	Unknown	
8.00	62.00	54.00	CLEAN BASALT ROCK	Unknown	

***** End of GW300784 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW300874

Licence: 30WA312519

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type:

Commenced Date:
Completion Date: 22/09/1997

Final Depth: 24.00 m
Drilled Depth: 24.00 m

Contractor Name: DROUGHT BUSTER DRILLING
PTY LTD

Driller: Garry Noel Dell

Assistant Driller:

Property: WILLIAMS' Lot 1 New England Hwy
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 2.000
(m):

Salinity Description: Good
Yield (L/s): 7.500

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
LOT 1 DP411060
Whole Lot 1//411060

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619865.000
Easting: 365584.000

Latitude: 30°32'45.9"S
Longitude: 151°35'55.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	4.00	150			Rotary
1		Hole	Hole	4.00	24.00	150			Down Hole Hammer
1	1	Casing	P.V.C.	-0.50	24.00	140	122		Seated on Bottom, , Glued
1	1	Opening	Slots - Horizontal	20.00	22.00	140		0	Sawn, PVC Class 9, SL: 200.0mm, A: 1.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.00	22.00	2.00	Unknown	2.00		7.50	24.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Black clay	Unknown	
2.00	5.80	3.80	Gray clay	Unknown	
5.80	6.80	1.00	Decomposed basalt	Unknown	

6.80	20.00	13.20	Basalt	Unknown	
20.00	22.00	2.00	Fractured basalt	Unknown	
22.00	24.00	2.00	Basalt	Unknown	

*** End of GW300874 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW301235

Licence: 30WA312298

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rot. Rev. Circ

Owner Type:

Commenced Date:
Completion Date: 24/03/1995

Final Depth: 31.40 m
Drilled Depth: 31.40 m

Contractor Name: (None)
Driller: Alec Linton
Assistant Driller:

Property: BIRRAHLEE Terrible Vale Rd
KENTUCKY 2354 NSW
GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: UNKNOWN
Cadastre: HARNHAM
Whole Lot
102//1236002

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6591725.000
Easting: 355100.000

Latitude: 30°47'55.3"S
Longitude: 151°29'07.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	1.84	190			Rotary
1		Hole	Hole	1.84	31.40	160			Rotary
1	1	Casing	Steel	-0.60	1.84	168			Driven into Hole
1	1	Casing	P.V.C.	0.00	31.40	152			Seated on Bottom
1	1	Opening	Slots - Horizontal	13.11	31.40	152		0	PVC Class 9, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.77	17.00	0.23	Unknown	13.72		0.25	17.00	01:00:00	
24.40	24.80	0.40	Unknown			0.50	24.80		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.15	0.15	TOP SOIL	Unknown	

0.15	6.10	5.95	BLACK CLAY	Unknown	
6.10	31.40	25.30	BLACK BASSALT	Unknown	

*** End of GW301235 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW301308

Licence: 30WA307458

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type:

Commenced Date:
Completion Date: 15/09/1995

Final Depth: 25.20 m
Drilled Depth: 25.20 m

Contractor Name: DROUGHT BUSTER DRILLING
PTY LTD
Driller: Garry Noel Dell
Assistant Driller:

Property: DORLIE Martins Lane KENTUCKY
2354 NSW
GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
HARNHAM
HARNHAM

Cadastre
PORTION 53
Whole Lot //

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6596080.000
Easting: 350280.000

Latitude: 30°45'31.8"S
Longitude: 151°26'08.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	25.20	140			Rotary Air
1	1	Casing	P.V.C.	-0.40	25.20	140			Seated on Bottom
1	1	Opening	Slots - Horizontal	20.00	23.00	140		0	Sawn, PVC, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.00	21.50	0.50	Unknown	13.20		0.31	25.20	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	TOPSOIL	Unknown	
0.50	6.00	5.50	GRANITE CLAY	Unknown	
6.00	25.20	19.20	GRANITE ROCK (BLUE)	Unknown	

***** End of GW301308 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW301445

Licence: 30WA312433

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC, IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rot. Rev. Circ

Owner Type:

Commenced Date:
Completion Date: 13/10/1994

Final Depth: 62.00 m
Drilled Depth: 62.00 m

Contractor Name: DROUGHT BUSTER DRILLING
PTY LTD
Driller: Garry Noel Dell
Assistant Driller:

Property: BYGALORIE Andersons Rd
ARMIDALE 2350 NSW
GWMA: -
GW Zone: -

Standing Water Level 28.000
(m):
Salinity Description: Good
Yield (L/s): 0.075

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
TIVERTON
TIVERTON

Cadastre
LOT 22 DP569395
Whole Lot 22//569395

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6615752.000
Easting: 381220.000

Latitude: 30°35'05.5"S
Longitude: 151°45'40.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	62.00	127			Rot. Rev. Circ. Air
1	1	Casing	P.V.C.	-0.80	62.00	112			Seated on Bottom, Cemented
1	1	Opening	Slots - Horizontal	28.00	34.00	112		0	Sawn, PVC, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
30.00	33.00	3.00	Unknown	28.00		0.07	36.00		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	8.00	8.00	broken basalt rock	Unknown	
8.00	62.00	54.00	clean basalt rock	Unknown	

***** End of GW301445 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW301858

Licence: 30WA307456

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date:

Final Depth:
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
LT107 DP755838
Whole Lot //

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6589692.000
Easting: 349866.000

Latitude: 30°48'59.0"S
Longitude: 151°25'49.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Remarks

02/12/2009: Reviewed data - nothing to update.

*** End of GW301858 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW301862

Licence: 30WA311323

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date:

Final Depth:
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHAPMAN'S 169 Heathersleigh Rd
KELLYS PLAINS 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
LT13 DP243989
Whole Lot 13//243989

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616178.000
Easting: 369138.000

Latitude: 30°34'47.1"S
Longitude: 151°38'06.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Remarks

02/12/2009: Reviewed data - nothing to update.

*** End of GW301862 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW301865

Licence: 30WA311604

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date:

Final Depth:
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
LT 29 DP755838
Whole Lot //

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6592008.000
Easting: 350960.000

Latitude: 30°47'44.3"S
Longitude: 151°26'32.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Property Det

Remarks

02/12/2009: Reviewed data - nothing to update.

*** End of GW301865 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW301868

Licence: 30WA320152

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC,FARMING
Intended Purpose(s): STOCK, DOMESTIC, FARMING

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth:

Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: CHERRY GROVE 515 Eastern Ave
KENTUCKY SOUTH 2354 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
LT125 DP755838
Whole Lot
125//755838

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6591706.000
Easting: 351474.000

Latitude: 30°47'54.4"S
Longitude: 151°26'51.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Remarks

02/12/2009: Reviewed data - nothing to update.

*** End of GW301868 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW301869

Licence: 30WA311605

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date:

Final Depth:
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
LT121 DP755838
Whole Lot //

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6592064.000
Easting: 351816.000

Latitude: 30°47'42.9"S
Longitude: 151°27'04.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Remarks

02/12/2009: Reviewed data - nothing to update.

*** End of GW301869 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW301936

Licence: 30WA312631

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 02/06/1998

Final Depth: 77.00 m
Drilled Depth: 77.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: " TABLE TOP " Enmore Via
URALLA 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s): 0.150

Site Details

Site Chosen By:

County: SANDON
Parish: UNKNOWN
Cadastre: Whole Lot 41//755822

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6598339.000
Easting: 383576.000

Latitude: 30°44'31.8"S
Longitude: 151°47'01.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	77.00	168			Rotary
1	1	Casing	Pvc Class 9	-0.40	6.00	135			Suspended in Clamps
1	1	Casing	Other	-0.40	1.50	168	156		Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
10.00	11.00	1.00	Unknown	8.00		0.15	11.00		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.50	5.50	sandy granite soil	Invalid Code	
5.50	15.50	10.00	fractured basalt	Invalid Code	
15.50	77.00	61.50	basalt	Basalt	

***** End of GW301936 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW301937

Licence: 30WA312632

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 03/06/1998

Final Depth: 16.00 m
Drilled Depth: 16.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: " TABLE TOP " Enmore Via
URALLA 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level 8.000
(m):

Salinity Description:
Yield (L/s): 0.150

Site Details

Site Chosen By:

County: SANDON
Parish: UNKNOWN
Cadastre: Whole Lot 35//755822

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6598279.000
Easting: 383171.000

Latitude: 30°44'33.6"S
Longitude: 151°46'46.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	16.00	168			Rotary Air
1	1	Casing	Other	-0.70	1.00	168	156		Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
10.00	11.00	1.00	Unknown	8.00		0.15	11.00		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	sandy granite soil	Invalid Code	
6.00	16.00	10.00	fractured basalt	Invalid Code	

*** End of GW301937 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW301999

Licence: 30WA312649

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date:

Final Depth:
Drilled Depth:

Contractor Name:

Driller:

Assistant Driller:

Property: WYBELEENA Hawthorn Drive
Arding Via URALLA 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A:
Licensed: SANDON

Parish
UNKNOWN
ARDING

Cadastre
Whole Lot 6//553133

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616030.000
Easting: 360351.000

Latitude: 30°34'48.3"S
Longitude: 151°32'37.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Remarks

03/12/2009: Reviewed data - nothing to update.

*** End of GW301999 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW302151

Licence: 30WA312403

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:

Completion Date:

Final Depth: 20.00 m

Drilled Depth:

Contractor Name:

Driller:

Assistant Driller:

Property: PRIELUCK Walcha Rd URALLA
2358 NSW

GWMA: -
GW Zone: -

Standing Water Level 2.000
(m):

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A:
Licensed: SANDON

Parish
UNKNOWN
URALLA

Cadastre
Whole Lot 1//732094

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6603259.000
Easting: 355897.000

Latitude: 30°41'41.1"S
Longitude: 151°29'43.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

*** End of GW302151 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW302228

Licence: 30WA312646

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type:

Commenced Date:
Completion Date: 20/04/1999

Final Depth: 42.00 m
Drilled Depth: 42.00 m

Contractor Name: TDM PTY LTD

Driller: Robert Leslie Tanner

Assistant Driller:

Property: " PERRY'S " 58 Knobs Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 10.000
(m):

Salinity Description:
Yield (L/s): 0.505

Site Details

Site Chosen By:

County: SANDON
Parish: UNKNOWN
Cadastre: Whole Lot 3//557982

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616684.000
Easting: 373051.000

Latitude: 30°34'32.2"S
Longitude: 151°40'34.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	3.00	140			Rotary Air
1		Hole	Hole	3.00	42.00	140			Down Hole Hammer
1	1	Casing	Pvc Class 9	-0.30	42.00	125			Seated on Bottom, Glued
1	1	Opening	Slots - Vertical	24.00	29.00	125		0	Sawn, PVC Class 9, SL: 100.0mm, A: 4.00mm
1	1	Opening	Slots - Vertical	36.00	41.00	125		0	Sawn, PVC Class 9, SL: 100.0mm, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.00	29.00	5.00	Unknown	10.00		0.13			
36.00	41.00	5.00	Unknown	10.00		0.38	42.00	01:00:00	120.00

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	black top soil	Invalid Code	
0.60	1.50	0.90	brown clay	Clay	

1.50	6.00	4.50	brown shale	Invalid Code	
6.00	24.00	18.00	basalt	Basalt	
24.00	29.00	5.00	cracky basalt	Invalid Code	
29.00	33.00	4.00	grey clay	Clay	
33.00	36.00	3.00	basalt	Basalt	
36.00	41.00	5.00	cracky basalt	Invalid Code	
41.00	42.00	1.00	basalt	Basalt	

*** End of GW302228 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW302229

Licence: 30WA307460

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth:

Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: WYBELEENA Hawthorn Drive
Arding Via URALLA 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A:
Licensed: SANDON

Parish
UNKNOWN
ARDING

Cadastre
Whole Lot 1//354186

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617261.000
Easting: 358768.000

Latitude: 30°34'07.7"S
Longitude: 151°31'38.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Remarks

11/01/2000: Form A Remarks:
Existing bore, licensee's unaware of details.
03/12/2009: Reviewed data - nothing to update.

*** End of GW302229 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW302503

Licence: 30WA311723

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Filled,Backfilled

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth: 26.00 m

Drilled Depth: 26.00 m

Contractor Name: (None)

Driller:

Assistant Driller:

Property: N/A NSW

GWMA: -
GW Zone: -

Standing Water Level (m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County Form A: SANDON
Licensed: SANDON

Parish: ARMIDALE
 ARMIDALE

Cadastre: 175
 Whole Lot //

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617723.000
Easting: 370291.000

Latitude: 30°33'57.4"S
Longitude: 151°38'50.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
 Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	26.00	0			(Unknown)
1		Backfill	Gravel	0.00	0.30				
1		Backfill	Cement Grout	0.30	7.00				
1		Backfill	Bentonite	7.00	8.00				
1		Backfill	Gravel	8.00	25.00				
1		Backfill	Bentonite	25.00	26.00				

Remarks

28/07/2000: Form A Remarks:

Mrs lilly advised details over the phone. Bore approx. 26 metres deep with a 100mm casing. The water puts a white film on plants. The bore was in when they bought the property

03/12/2009: Reviewed data - nothing to update.

14/04/2014: Nat Carling, 14-Apr-2014; Updated construction details, as provided on Form-A received for the decommissioning of the bore.

***** End of GW302503 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW302539

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:
Completion Date: 01/01/1996

Final Depth: 5.50 m
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

Standing Water Level 2.000
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

Region: 30 - North Coast	County	Parish UNKNOWN	Cadastre
River Basin: - Unknown	Form A: Licensed:		
Area/District:	CMA Map:		Scale:
Elevation: 0.00 m (A.H.D.)	Grid Zone:		Latitude: 30°47'48.6"S
Elevation Source: Unknown	Northing: 6591901.000		Longitude: 151°27'38.1"E
	Easting: 352718.000		
GS Map: -	MGA Zone: 56		Coordinate Source: Map Interpre

Remarks

01/01/1996: Form A Remarks:
Hand construction. Concrete pipe 900mm diameter x 5.5m length

*** End of GW302539 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW302605

Licence: 30CA314147

Licence Status: EXPIRED

Authorised Purpose(s): IRRIGATION,STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC, IRRIGATION

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth:

Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: HARDWICK'S 399 Platform Rd
KELLYS PLAINS 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

Form A:
Licensed: SANDON

County:

Parish:
UNKNOWN
ARMIDALE

Cadastre:
Whole Lot
9911/755808

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6618133.000
Easting: 368593.000

Latitude: 30°33'43.4"S
Longitude: 151°37'47.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Remarks

10/07/2001: Form A Remarks:

No information available. Bore was drilled by a previous owner.

03/12/2009: Reviewed data - nothing to update.

*** End of GW302605 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW302661

Licence: 30WA312772

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Percussion

Owner Type:

Commenced Date:
Completion Date: 02/03/2001

Final Depth: 33.50 m
Drilled Depth: 33.50 m

Contractor Name: Garry Stanley STRUDWICK

Driller: Garry Stanley Strudwick

Assistant Driller:

Property: " BURTON'S " 305 Kelly's Plains Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
LT 7 DP 818765
Whole Lot 7//818765

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619274.000
Easting: 369342.000

Latitude: 30°33'06.6"S
Longitude: 151°38'15.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	33.50	165			Rotary
1	1	Casing	Steel	0.50	32.50	135			Seated on Bottom
1	1	Opening	Screen - Wire Wound	32.00	33.00	120		0	Stainless Steel, Welded

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
28.00	33.50	5.50	Unknown	15.00		0.60	33.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	Surface Soil	Soil	
3.00	6.00	3.00	Shale	Shale	
6.00	12.00	6.00	Clay	Clay	
12.00	28.00	16.00	Shaley Clay	Clay	

28.00	33.50	5.50	Sand	Sand
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Remarks

09/06/2011: Karla Abbs, 9-Jun-2011: Removed invalid codes from drillers log

***** End of GW302661 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW302710

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 22/05/2001

Final Depth: 34.00 m
Drilled Depth: 34.00 m

Contractor Name: GLENN JOSEPH GRICKS

Driller: Glenn Joseph Gricks

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
LT 172 DP 755846

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6608088.000
Easting: 354355.000

Latitude: 30°39'03.6"S
Longitude: 151°28'47.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	34.00	165			Down Hole Hammer
1		Annulus	Waterworn/Rounded	22.00	29.50				Graded, Q:225.000m3
1	1	Casing	Pvc Class 12	0.00	29.50	60			Seated on Bottom, Screwed
1	1	Opening	Screen	23.50	29.50	60		0	PVC, Screwed, A: 0.40mm

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.80	1.80	Sandy Clay	Invalid Code	
1.80	29.50	27.70	Decomposed Granite	Invalid Code	
29.50	34.00	4.50	Firm Granite	Invalid Code	

*** End of GW302710 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW302711

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 23/05/2001

Final Depth: 14.00 m
Drilled Depth: 14.00 m

Contractor Name: GLENN JOSEPH GRICKS

Driller: Glenn Joseph Gricks

Assistant Driller:

Property:

Standing Water Level (m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: URALLA
Cadastre: LT 172 DP 755846

Region: 30 - North Coast

Form A: SANDON
Licensed:

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6608088.000
Easting: 353955.000

Latitude: 30°39'03.5"S
Longitude: 151°28'32.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	14.00	165			Down Hole Hammer
1		Annulus	Waterworn/Rounded	5.00	12.00				Graded, Q:220.000m3
1	1	Casing	Pvc Class 12	0.00	14.00	60			Seated on Bottom, Screwed
1	1	Opening	Screen	6.00	12.00	60		0	PVC, Screwed, A: 0.40mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
7.00	11.00	4.00	Unknown						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.80	0.80	Clay	Clay	
0.80	1.80	1.00	Sandy Clay	Invalid Code	
1.80	12.50	10.70	Decomposed Granite	Invalid Code	
12.50	14.00	1.50	Firm Granite	Invalid Code	

***** End of GW302711 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW302712

Licence: 30BL179401

Licence Status: ACTIVE

Authorised Purpose(s): MONITORING BORE
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 21/05/2001

Final Depth: 21.00 m
Drilled Depth: 21.00 m

Contractor Name: GLENN JOSEPH GRICKS

Driller: Glenn Joseph Gricks

Assistant Driller:

Property: " URALLA LANDFILL " Rowan Ave
URALLA 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s): 0.250

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
LT 172 DP 755846
Whole Lot
172//755846

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6608063.000
Easting: 353992.000

Latitude: 30°39'04.3"S
Longitude: 151°28'34.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	21.00	165			Down Hole Hammer
1		Annulus	Waterworn/Rounded	15.50	21.00				Graded, Q:180.000m3
1	1	Casing	Pvc Class 12	0.00	21.00	60			Seated on Bottom, Screwed
1	1	Opening	Screen	16.50	21.00	60		0	PVC, Screwed, A: 0.40mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.00	20.00	5.00	Unknown			0.25	21.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.20	1.20	Sandy Soil	Invalid Code	
1.20	18.50	17.30	Decomposed Granite	Invalid Code	
18.50	19.50	1.00	Broken Granite	Invalid Code	

*** End of GW302712 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW302755

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 20/12/1999

Final Depth: 12.00 m
Drilled Depth: 12.00 m

Contractor Name: GRICKS DRILLING
Driller: Glenn Joseph Gricks
Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARMIDALE
Cadastre: LT 2 DP 820293
Form A: Licensed:

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6620634.000
Easting: 373859.000

Latitude: 30°32'24.2"S
Longitude: 151°41'06.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	12.00	165			Rotary Air
1		Annulus	Waterworn/Rounded	4.70	12.00				Graded
1	1	Casing	Pvc Class 18	0.00	12.00	60			Seated on Bottom, Screwed
1	1	Opening	Screen	6.00	12.00	60		0	PVC Class 18, Screwed, A: 0.40mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
8.00	10.50	2.50	Unknown	2.00		0.25	12.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.50	1.50	Sandy Clay	Invalid Code	
1.50	4.00	2.50	Clay	Clay	
4.00	10.50	6.50	Decomposed Granite	Invalid Code	
10.50	12.00	1.50	Clay	Clay	

***** End of GW302755 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW302756

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 18/12/1999

Final Depth: 39.00 m
Drilled Depth: 39.00 m

Contractor Name: GRICKS DRILLING
Driller: Glenn Joseph Gricks
Assistant Driller:

Property:

Standing Water Level (m):
Salinity Description:
Yield (L/s):

GWMA:
GW Zone:

Site Details

Site Chosen By:

County: SANDON
Parish: ARMIDALE
Cadastre: LT 2 DP 820293

Region: 30 - North Coast

Form A: SANDON
Licensed:

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6620138.000
Easting: 373738.000

Latitude: 30°32'40.3"S
Longitude: 151°41'01.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	39.00	165			Rotary Air
1		Annulus	Waterworn/Rounded	32.00	39.00				Graded
1	1	Casing	Pvc Class 18	0.00	29.30	0			Seated on Bottom, Screwed
1	1	Opening	Screen	33.00	39.00	60		0	PVC Class 18, Screwed, A: 0.30mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
37.00	39.00	2.00	Unknown	5.80		0.10	39.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	19.00	19.00	Clay	Clay	
19.00	25.00	6.00	Sandy White Clay	Invalid Code	
25.00	32.00	7.00	Blue Clay	Clay	
32.00	39.00	7.00	Decomposed Granite	Invalid Code	

***** End of GW302756 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW302757

Licence: 30BL178804

Licence Status: ACTIVE

Authorised Purpose(s): MONITORING BORE
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 19/12/1999

Final Depth: 35.00 m
Drilled Depth: 35.00 m

Contractor Name: GRICKS DRILLING
Driller: Glenn Joseph Gricks
Assistant Driller:

Property: ARMIDALE LANDFILL Long Swamp
Rd ARMIDALE 2350 NSW
GWMA: -
GW Zone: -

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
LT 2 DP 820293
Whole Lot 2//820293

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6620259.000
Easting: 373634.000

Latitude: 30°32'36.3"S
Longitude: 151°40'57.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	35.00	165			Rotary Air
1		Annulus	Waterworn/Rounded	18.70	35.00				Graded
1	1	Casing	Pvc Class 18	0.00	35.00	60			Seated on Bottom, Screwed
1	1	Opening	Screen	20.00	35.00	60		0	PVC Class 18, Screwed, A: 0.40mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
29.00	35.00	6.00	Unknown	15.00		0.10	35.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Soil	Soil	
1.00	14.00	13.00	Clay	Clay	
14.00	24.50	10.50	Mudstone	Mudstone	
24.50	30.00	5.50	Blue Clay	Clay	

*** End of GW302757 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW302779

Licence: 30WA312701

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:

Completion Date:

Final Depth: 50.00 m

Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property: " PHILP'S " Northeys Rd ARDING
2358 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARDING
ARDING

Cadastre
LT 6 DP 553133
Whole Lot 6//553133

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616199.000
Easting: 360354.000

Latitude: 30°34'42.8"S
Longitude: 151°32'37.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

*** End of GW302779 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW303961

Licence: 30WA313096

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC, STOCK
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 30/01/2003

Final Depth: 150.90 m
Drilled Depth: 150.90 m

Contractor Name: John Vincent Keen

Driller: John Vincent Keen

Assistant Driller:

Property: MARYLAND Maryland WOLLUN
2354 NSW

GWMA: -
GW Zone: -

Standing Water Level 33.500
(m):

Salinity Description:
Yield (L/s): 1.260

Site Details

Site Chosen By:

County SANDON
Parish SANDON
Cadastre LT1 DP662259
Form A: SANDON
Licensed: SANDON
Whole Lot 1//662259

Region: 30 - North Coast

CMA Map:

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6588257.000
Easting: 350521.000

Latitude: 30°49'45.9"S
Longitude: 151°26'13.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	150.90	155			Rotary Air
1	1	Casing	Pvc Class 9	0.30	150.90	140	128		Seated on Bottom, Other, Glued
1	1	Opening	Slots - Horizontal	53.00	56.10	140		0	Casing - Hand Sawn Slot, PVC Class 9, SL: 50.0mm, A: 2.00mm
1	1	Opening	Slots	146.30	147.30			0	Casing - Hand Sawn Slot

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
53.00	53.70	0.70	Unknown	33.50		0.38	53.70	01:00:00	335.00
146.30	147.30	1.00	Unknown			1.26	147.30		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	GRANITE SOIL	Granite	
0.30	1.80	1.50	GRANITE SOIL AND CLAY	Granite	

1.80	51.80	50.00	SOFT GRANITE-GLUE/GREY	Invalid Code	
51.80	150.90	99.10	HARD GRANITE-BLUE	Invalid Code	

*** End of GW303961 ***

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DRAFT

WaterNSW

Work Summary

GW304275

Licence: 30CA314207

Licence Status: CURRENT

Authorised Purpose(s): IRRIGATION
Intended Purpose(s): IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 06/08/2003

Final Depth: 42.00 m
Drilled Depth: 42.00 m

Contractor Name: LEON FREDERICK HOOK

Driller: Leon Frederick Hook

Assistant Driller:

Property: TIDEMAN'S 224 Herbert Gill Rd
COMBOYNE 2429 NSW

GWMA: -
GW Zone: -

Standing Water Level 15.000
(m):

Salinity Description:
Yield (L/s): 1.000

Site Details

Site Chosen By:

County
Form A: MACQUARIE
Licensed: MACQUARIE

Parish
WALIBREE
WALIBREE

Cadastre
LT 1 DP 372401
Whole Lot 1//372401

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6608839.000
Easting: 380546.000

Latitude: 30°38'49.7"S
Longitude: 151°45'12.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	1.20	210			Rotary Air
1		Hole	Hole	1.20	42.00	200			Down Hole Hammer
1		Annulus	Waterworn/Rounded	10.00	42.00				Graded, Q:1.300m3
1	1	Casing	Pvc Class 9	0.00	30.00	160	146		Seated on Bottom, Glued
1	1	Opening	Slots - Vertical	30.00	42.00	160		0	Casing - Hand Sawn Slot, PVC Class 9, SL: 200.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
31.50	32.50	1.00	Unknown	15.00		1.00	32.50	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.20	0.20	TOP SOIL	Topsoil	
0.20	1.20	1.00	RED CLAY WITH LARGE FLOATERS	Clay	

1.20	31.50	30.30	HARD BLUE BASALT	Invalid Code	
31.50	32.50	1.00	WATER CUT	Invalid Code	
32.50	42.00	9.50	HARD BLUE BASALT	Invalid Code	

Remarks

06/08/2003: Form A Remarks:
 ASSISTANT DRILLER - S MILLS;
 CASING - PROTECTOR CEMENTED IN PLACE;
 GRAVEL PACK - BENTONITE/GROUT SEAL - 9 TO 10M 15 LITRES, METHOD - POURED OR SHOVELLED INTO ANNULUS;
 DISINFECTION - CHLORINE 10PPM OF SWL, DUMP AND SURGE.

*** End of GW304275 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW304276

Licence: 30WA313225

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC, STOCK
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary - Air/F

Owner Type: Private

Commenced Date:
Completion Date: 13/06/2003

Final Depth: 32.00 m
Drilled Depth: 32.00 m

Contractor Name: Francis Arthur RANDALL

Driller: Francis Arthur Randall

Assistant Driller:

Property: MOUNT MC DONALD Long Swamp
Rd ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 6.000
(m):

Salinity Description:
Yield (L/s): 0.600

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
TIVERTON
TIVERTON

Cadastre
LT 11 DP 755845
Whole Lot 11//755845

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6608839.000
Easting: 380546.000

Latitude: 30°38'49.7"S
Longitude: 151°45'12.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	32.00	165			Rotary - Air/Foam
1	1	Casing	Pvc Class 9	0.30	32.00	135	127		Seated on Bottom, Screwed and Glued
1	1	Opening	Slots - Diagonal	20.00	32.00	135		0	Casing - Machine Slotted, PVC Class 9, SL: 100.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.00	24.00	3.00	Unknown	6.00		0.60	24.00	02:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	LT TOP SOIL	Invalid Code	
2.00	12.00	10.00	DECOMPOSED GRANITE	Invalid Code	
12.00	24.00	12.00	SANDY GRANITE/WATER	Invalid Code	
24.00	32.00	8.00	TIGHT FRESH GRANITE	Invalid Code	

***** End of GW304276 *****

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DRAFT

WaterNSW

Work Summary

GW304303

Licence: 30WA313174

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Down Hole Hamm

Owner Type: Private

Commenced Date:
Completion Date: 06/08/2003

Final Depth: 114.00 m
Drilled Depth: 114.00 m

Contractor Name: JASON ROGER MANNION

Driller: Jason Roger Mannion

Assistant Driller:

Property: MC COOK'S 210 Enmore Rd
DANGARSLEIGH 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 19.000
(m):

Salinity Description:
Yield (L/s): 0.040

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
LT 144 DP 5455
Whole Lot 144//5455

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6611119.000
Easting: 373366.000

Latitude: 30°37'33.0"S
Longitude: 151°40'43.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	114.00	165			Down Hole Hammer
1	1	Casing	Pvc Class 9	0.00	114.00	152	142		Seated on Bottom, Glued
1	1	Opening	Slots - Diagonal	15.00	27.00	152		0	Casing - Machine Slotted, PVC Class 9, SL: 100.0mm, A: 2.00mm
1	1	Opening	Slots	45.00	57.00			0	Casing - Machine Slotted
1	1	Opening	Slots	103.00	114.00			0	Casing - Machine Slotted

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
18.00	24.00	6.00	Unknown			0.01	24.00		
48.00	54.00	6.00	Unknown			0.02	54.00		
106.00	108.00	2.00	Unknown	19.00		0.01	108.00		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments

0.00	0.30	0.30	TOP SOIL	Topsoil	
0.30	0.70	0.40	LOOSE ROCK	Invalid Code	
0.70	18.00	17.30	RED CLAY	Clay	
18.00	22.00	4.00	BASALT	Basalt	
22.00	24.00	2.00	BROKEN BASALT	Invalid Code	
24.00	48.00	24.00	BASALT	Basalt	
48.00	54.00	6.00	BROKEN BASALT	Invalid Code	
54.00	106.00	52.00	BASALT	Basalt	
106.00	108.00	2.00	BROKEN BASALT	Invalid Code	
108.00	114.00	6.00	BASALT	Basalt	

Remarks

06/08/2003: Form A Remarks:
ASSISTANT DRILLER: SHANE COX

*** End of GW304303 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW304670

Licence: 30WA313388

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary - Air/F

Owner Type: Private

Commenced Date:
Completion Date: 15/03/2004

Final Depth: 38.00 m
Drilled Depth: 38.00 m

Contractor Name: Francis Arthur RANDALL

Driller: Francis Arthur Randall

Assistant Driller:

Property: HARGRAVE'S 29 Kellys Plains
School Rd KELLYS PLAINS 2350
NSW

GWMA: -
GW Zone: -

Standing Water Level 7.000
(m):

Salinity Description:
Yield (L/s): 7.560

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
LT9 DP241320
Whole Lot 9//241320

Region: 30 - North Coast

River Basin: 206 - MACLEAY RIVER
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616773.000
Easting: 369451.000

Latitude: 30°34'27.9"S
Longitude: 151°38'18.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	38.00	165			Rotary - Air/Foam
1	1	Casing	Pvc Class 9	0.30	38.00	135	127		Seated on Bottom, Screwed and Glued
1	1	Opening	Slots - Diagonal	14.00	16.00	135		0	Casing - Machine Slotted, PVC Class 9, SL: 100.0mm, A: 0.30mm
1	1	Opening	Slots - Diagonal	34.00	38.00			0	Casing - Machine Slotted, SL: 100.0mm, A: 0.30mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.00	15.00	1.00	Unknown	7.00			15.00	01:00:00	
34.00	35.00	1.00	Unknown						
37.00	38.00	1.00	Unknown			7.56			

Drillers Log

From	To	Thickness	Drillers Description	Geological Material	Comments
------	----	-----------	----------------------	---------------------	----------

(m)	(m)	(m)			
0.00	2.00	2.00	BLACK TOP SOIL	Invalid Code	
2.00	6.00	4.00	BROWN CLAY	Clay	
6.00	14.00	8.00	DECOMPOSED BASALT	Invalid Code	
14.00	15.00	1.00	FRACTURED BASALT/WATER	Invalid Code	
15.00	34.00	19.00	HARD EVEN DRILLING BASALT	Invalid Code	
34.00	35.00	1.00	FRACTURED BASALT/WATER	Invalid Code	
35.00	36.00	1.00	HARD BASALT	Invalid Code	
36.00	38.00	2.00	LOOSE GRAVEL - LARGE STONES	Invalid Code	

*** End of GW304670 ***

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DRAFT

WaterNSW

Work Summary

GW304894

Licence: 30WA313481

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary - Percu

Owner Type:

Commenced Date:
Completion Date: 13/10/2004

Final Depth: 24.00 m
Drilled Depth: 24.00 m

Contractor Name: Mannion Drilling Pty Ltd

Driller: Shane Lucas Cox

Assistant Driller:

Property: ENGLER'S 31 Homestead Lane
KELLYS PLAINS 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 12.000
(m):

Salinity Description:
Yield (L/s): 0.800

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
32 857701
Whole Lot 32//857701

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619532.000
Easting: 371003.000

Latitude: 30°32'58.9"S
Longitude: 151°39'18.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	24.00	165			Rotary - Percussion (Down Hole H
1	1	Casing	Pvc Class 9	0.00	24.00	152	142		Seated on Bottom, Glued
1	1	Opening	Slots - Diagonal	12.00	24.00	152		0	Casing - Machine Slotted, PVC Class 9, SL: 100.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.50	17.00	0.50	Unknown	12.00		0.80	24.00		

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	TOPSOIL	Topsoil	
0.30	5.00	4.70	CLAY	Clay	
5.00	6.00	1.00	WEATHERED BASALT	Invalid Code	
6.00	12.00	6.00	BASALT	Basalt	

12.00	18.00	6.00	BASALT (W/B)	Basalt	
18.00	22.00	4.00	BASALT	Basalt	
22.00	24.00	2.00	CLAY	Clay	

*** End of GW304894 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW304984

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary - Percu

Owner Type:

Commenced Date:
Completion Date: 12/10/2004

Final Depth: 60.00 m
Drilled Depth: 60.00 m

Contractor Name: Mannion Drilling Pty Ltd

Driller: Shane Lucas Cox

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

Form A:
Licensed:

County

Parish
UNKNOWN

Cadastre

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6598991.000
Easting: 357376.000

Latitude: 30°44'00.4"S
Longitude: 151°30'36.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	60.00	165			Rotary - Percussion (Down Hole H

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.20	0.20	top soil	Topsoil	
0.20	3.00	2.80	clay	Clay	
3.00	18.00	15.00	granite	Granite	
18.00	36.00	18.00	granite	Granite	
36.00	52.00	16.00	granite	Granite	
52.00	60.00	8.00	granite	Granite	

Remarks

12/10/2004: Form A Remarks:
Works has been abandoned, backfilled, no casing left in the works. Noted in LAS.

***** End of GW304984 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW305023

Licence: 30WA313087

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type:

Commenced Date:
Completion Date: 29/01/2004

Final Depth: 45.70 m
Drilled Depth: 45.70 m

Contractor Name: (None)

Driller: John Vincent Keen

Assistant Driller:

Property: PAULL'S 412 Enmore Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 7.600
(m):

Salinity Description: Fair
Yield (L/s): 0.800

Site Details

Site Chosen By:

County: SANDON
Parish: SAUMAREZ
Cadastre: 2 786277
Form A: SANDON
Licensed: SANDON
SAUMAREZ
Whole Lot 2//786277

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6609302.000
Easting: 373937.000

Latitude: 30°38'32.2"S
Longitude: 151°41'04.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	47.30	155			Rotary Air

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.30	22.90	1.60	Unknown	7.60		0.11		01:00:00	500.00
44.80	45.70	0.90	Unknown			0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.10	3.10	broken basalt	Invalid Code	
3.10	41.20	38.10	basalt	Basalt	
41.20	44.20	3.00	white clay	Invalid Code	
44.20	45.70	1.50	basalt	Basalt	

***** End of GW305023 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW305081

Licence: 30WA312945

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC, STOCK
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Mud

Owner Type:

Commenced Date:
Completion Date: 10/09/2002

Final Depth: 30.00 m
Drilled Depth:

Contractor Name: Drillwell Construction

Driller:

Assistant Driller:

Property: " BRAGG'S " 13 Old Gostwyck Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 18.000
(m):

Salinity Description: Good
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
DANGARSLEIGH
DANGARSLEIGH

Cadastre
13 248244
Whole Lot 13//248244

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6614296.000
Easting: 368827.000

Latitude: 30°35'48.1"S
Longitude: 151°37'54.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	100.00	0			Rotary Mud
1	1	Casing	Pvc Class 9	0.00	30.00	220			

*** End of GW305081 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW305089

Licence: 30WA313562

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 26/05/2005

Final Depth:
Drilled Depth:

Contractor Name:

Driller:

Assistant Driller:

Property: VALE VIEW 283 Eastern Ave
KENTUCKY 2354 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SANDON
SANDON

Cadastre
112 755838
Whole Lot
112//755838

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6593559.000
Easting: 352497.000

Latitude: 30°46'54.7"S
Longitude: 151°27'30.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Remarks

07/12/2009: Reviewed data - nothing to update.

*** End of GW305089 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW305245

Licence: 30WA312730

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC,STOCK
Intended Purpose(s):

Work Type: Bore

Work Status: Abandoned

Construct.Method:

Owner Type:

Commenced Date:

Completion Date: 01/06/2003

Final Depth: 120.00 m

Drilled Depth:

Contractor Name: (None)

Driller: John Vincent Keen

Assistant Driller:

Property: " PERRY'S " 58 Knobs Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level
(m):

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
ARMIDALE
ARMIDALE

Cadastre
3 557982
Whole Lot 3//557982

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616653.000
Easting: 373050.000

Latitude: 30°34'33.2"S
Longitude: 151°40'33.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Remarks

01/06/2003: Form A Remarks:
Bore was unsuccessful

*** End of GW305245 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW305317

Licence: 30WA320120

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC,FARMING
Intended Purpose(s): STOCK, DOMESTIC, FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type:

Commenced Date:
Completion Date: 27/07/2004

Final Depth: 38.72 m
Drilled Depth: 38.72 m

Contractor Name: (None)

Driller: John Vincent Keen

Assistant Driller:

Property: STRATHAVEN'S 1060 Waterfall
Way ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 31.400
(m):

Salinity Description: Potable
Yield (L/s): 0.760

Site Details

Site Chosen By:

County: SANDON
Parish: GARA
Cadastre: 3 786950
Whole Lot 3//786950

Region: 30 - North Coast

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619331.000
Easting: 383106.000

Latitude: 30°33'09.9"S
Longitude: 151°46'52.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	38.72	155			Rotary Air
1	1	Casing	Pvc Class 9	-0.30	38.72	140	126		Seated on Bottom, Glued
1	1	Opening	Slots - Horizontal	24.40	38.72	140		0	Casing - Machine Slotted, PVC Class 9, SL: 200.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.40	7.32	0.92	Unknown	31.40		0.76		01:00:00	
29.90	38.72	8.82	Unknown						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil	Topsoil	
0.30	0.61	0.31	brown clay	Clay	
0.61	1.83	1.22	brown shale	Invalid Code	

1.83	19.21	17.38	broken basalt	Invalid Code	
19.21	29.90	10.69	hard basalt	Invalid Code	
29.90	38.72	8.82	soft basalt	Invalid Code	

*** End of GW305317 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW305416

Licence: 30WA313067

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:
Completion Date: 08/07/2003

Final Depth: 61.00 m
Drilled Depth:

Contractor Name: Mannon Drilling Pty Ltd

Driller:

Assistant Driller:

Property: PAPADOPOULOS AND CHALMERS
LOT 11 HEATHERSLEIGH RD
ARMIDALE 2350 NSW

Standing Water Level
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 0.350

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
11 248925
Whole Lot 11//248925

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616435.000
Easting: 368533.000

Latitude: 30°34'38.5"S
Longitude: 151°37'44.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1	1	Casing	Pvc Class 9	0.00	61.00	150			

*** End of GW305416 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW306492

Licence: 30WA313737

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hamm

Owner Type: Private

Commenced Date:
Completion Date: 25/06/2009

Final Depth: 33.00 m
Drilled Depth: 33.00 m

Contractor Name: Universal drilling
Driller: Michael Charles Willox
Assistant Driller: Robert Eggins

Property: GRANTHAM 1081 Gostwyck Rd
URALLA 2358 NSW
GWMA: -
GW Zone: -

Standing Water Level 6.000
(m):
Salinity Description:
Yield (L/s): 1.000

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: SALISBURY
Cadastre: 4//1122757
Whole Lot 4//1122757

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6603315.000
Easting: 364655.000

Latitude: 30°41'43.0"S
Longitude: 151°35'12.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	33.00	150			Down Hole Hammer
1		Annulus	Bentonite	26.00	27.00	150	110		PL: Poured/Shovelled
1		Annulus	Waterworn/Rounded	27.00	33.00	150	110		Graded, PL: Poured/Shovelled
1	1	Casing	Pvc Class 9	0.00	33.00	110	100		Seated on Bottom, Other
1	1	Opening	Slots - Vertical	27.00	33.00	110		0	Casing - Hand Sawn Slot, PVC Class 9, Other, SL: 100.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.00	33.00	9.00	Unknown	6.00	15.00	1.00		00:30:00	360.00

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	Topsoil	Topsoil	
3.00	8.00	5.00	Clay	Clay	

8.00 | 33.00 |

25.00 | Sandstone

| Sandstone

Remarks

25/06/2009: Form A Remarks:

Nat Carling, 15-Dec-2009: Coordinates based on location map provided with the Form A.

*** End of GW306492 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW306600

Licence: 30WA313759

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hamm

Owner Type: Private

Commenced Date:
Completion Date: 15/04/2009

Final Depth: 15.20 m
Drilled Depth: 15.20 m

Contractor Name: Drillwell Construction

Driller: Alec Linton

Assistant Driller: R Gillies

Property: N/A 703 Dangarsleigh Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 7.300
(m):

Salinity Description:
Yield (L/s): 1.500

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
109//5455
Whole Lot 109//5455

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6613401.000
Easting: 374548.000

Latitude: 30°36'19.4"S
Longitude: 151°41'28.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	15.20	168			Down Hole Hammer
1	1	Casing	Steel - Erw	-0.60	15.20	168	157		Seated on Bottom, Welded - Butt
1	1	Opening	Slots - Vertical	9.10	15.20	168		0	Oxy-Acetylene Slotted, Steel - ERW, Welded - Butt, SL: 0.3mm, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
12.00	12.50	0.50	Unknown	7.30		1.50		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	12.00	12.00	Clay, black	Clay	
12.00	15.20	3.20	Gravel & Clay, water bearing	Gravel	

Remarks

15/04/2009: Form A Remarks:
Nat Carling: GPS provided by the driller.

*** End of GW306600 ***

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DRAFT

WaterNSW

Work Summary

GW306714

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Abandoned

Construct.Method: Rotary - Percu

Owner Type: Private

Commenced Date:
Completion Date: 26/05/2006

Final Depth: 78.00 m
Drilled Depth: 78.00 m

Contractor Name: Mannion Drilling Pty Ltd

Driller: Shane Lucas Cox

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SAUMAREZ

Cadastre
17//569243

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616338.000
Easting: 369856.000

Latitude: 30°34'42.2"S
Longitude: 151°38'33.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	78.00	165			Rotary - Percussion (Down Hole H
1		Backfill	Drilled Cutting	0.00	78.00				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	TOPSOIL	Topsoil	
1.00	6.00	5.00	CLAY	Clay	
6.00	12.00	6.00	CLAY	Clay	
12.00	18.00	6.00	CLAY RED	Clay Loam	
18.00	24.00	6.00	BASALT DECOMPOSED	Basalt	
24.00	30.00	6.00	ROCK GREY GREEN	Rock	
30.00	36.00	6.00	ROCK GREY GREEN	Rock	
36.00	42.00	6.00	ROCK GREY GREEN	Rock	
42.00	48.00	6.00	ROCK GREY GREEN	Rock	
48.00	54.00	6.00	ROCK GREY GREEN	Rock	
54.00	60.00	6.00	ROCK GREY GREEN	Rock	
60.00	66.00	6.00	ROCK GREY GREEN	Rock	

66.00	72.00	6.00	METAL,BLUE HARD	(Unknown)	
72.00	78.00	6.00	METAL,BLUE HARD	Metamorphic	

*** End of GW306714 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW306740

Licence: 30WA313729

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC, STOCK
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 02/09/2011

Final Depth: 53.00 m
Drilled Depth: 53.00 m

Contractor Name: DRILLWELL CONSTRUCTIONS

Driller: Alec Linton

Assistant Driller: P.Ferry

Property: MARYLAND 115 Bergen Rd
WOLLUN 2354 NSW

GWMA: -
GW Zone: -

Standing Water Level (m):
Salinity Description:
Yield (L/s): 0.800

Site Details

Site Chosen By:

County: SANDON
Parish: SANDON
Cadastre: 10//584378
Form A: SANDON
Licensed: SANDON
Whole Lot 10//584378

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6587438.000
Easting: 352093.000

Latitude: 30°50'13.2"S
Longitude: 151°27'12.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	3.00	170			Rotary Air
1		Hole	Hole	3.00	53.00	160			Rotary - Percussion (Down Hole H
1	1	Casing	Steel - Erw	-0.60	3.00	168	158		
1	1	Casing	Pvc Class 9	0.00	53.00	140	129		Seated on Bottom, Riveted and Glued, S: 47.37-53.00m
1	1	Opening	Slots - Vertical	41.00	53.00	140		0	Casing - Hand Sawn Slot, PVC Class 9, Riveted and Glued, SL: 3.0mm, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
46.63	47.37	0.74	Unknown			0.80		02:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	LOAM (BRN)	Loam	

0.60	2.60	2.00	CLAY (BRN)	Clay Loam	
2.60	46.60	44.00	BASALT (BLUE SOLID)	Basalt	
46.60	53.00	6.40	BASALT (BLUE FACTURED)	Basalt	

*** End of GW306740 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW306741

Licence: 30WA313799

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary - Percu

Owner Type: Private

Commenced Date:
Completion Date: 29/03/2010

Final Depth: 49.00 m
Drilled Depth: 49.00 m

Contractor Name: DRILLWELL CONSTRUCTIONS

Driller: Alec Linton

Assistant Driller: P. Ferry

Property: WARREMBAH Warrembah WOLLUN
2354 NSW

Standing Water Level: 3.000
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 0.150

Site Details

Site Chosen By:

County: SANDON
Parish: SANDON
Cadastre: 297//755838
Form A: SANDON
Licensed: SANDON
Whole Lot
297//755838

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6587599.000
Easting: 354752.000

Latitude: 30°50'09.2"S
Longitude: 151°28'52.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	49.00	170			Rotary - Percussion (Down Hole H
1	1	Casing	Pvc Class 9	-0.60	31.56	125	115		Welded - Butt, S: 47.00-49.00m
1	1	Casing	Pvc Class 9	-0.60	2.80	168	158		
1	1	Opening	Slots - Vertical	22.56	31.56	125		0	Casing - Oxy-cut Slot, PVC Class 9, Welded - Butt, SL: 300.0mm, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
28.60	29.00	0.40	Unknown			0.15		00:10:00	
46.63	47.00	0.37	Unknown	3.00				01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	TOPSOIL BROWN	Topsoil	

0.30	6.00	5.70	CLAY BROWN	Clay Loam	
6.00	7.60	1.60	SHALE BROWN	Shale	
7.60	31.60	24.00	SHALE (BLU/HEAVILY FRACTURED)	Shale	
31.60	49.00	17.40	BASALT (BLACK/FRACTURED)	Basalt	

***** End of GW306741 *****

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DRAFT

WaterNSW

Work Summary

GW306796

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): TEST BORE

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 06/05/2009

Final Depth: 211.30 m
Drilled Depth: 211.30 m

Contractor Name: (None)

Driller: John Vincent Keen

Assistant Driller: S.V. KEEN

Property:

Standing Water Level 28.700
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.420

Site Details

Site Chosen By:

County SANDON Parish ARMIDALE Cadastre 24//4356
Form A: Licensed:

Region: 30 - North Coast

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617714.000
Easting: 375745.000

Latitude: 30°33'59.7"S
Longitude: 151°42'15.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	40.24	200			Rotary Air
1		Hole	Hole	40.24	211.30	165			Rotary Air
1		Annulus	Waterworn/Rounded	199.20	211.30				Graded, Q:0.260m3
1	1	Casing	Other	-0.30	170.70	140	126		Driven into Hole, Welded - Butt
1	1	Casing	Other	-0.30	40.24	184	170		Driven into Hole, Welded - Butt
1	1	Casing	Other	170.70	200.30	140	126		Welded - Butt
1	1	Opening	Slots - Horizontal	186.00	200.30	140		0	Casing - Oxy-cut Slot, Other, Welded - Butt, SL: 300.0mm, A: 2.00mm
1	1	Casing	Steel - Seamless	200.30	202.70	140	126		Welded - Butt
1	1	Opening	Slots - Horizontal	200.30	202.70	140		0	Casing - Oxy-cut Slot, Steel - Seamless, Welded - Butt

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.30	35.01	13.71	Unknown	28.70				01:00:00	
57.90	68.60	10.70	Unknown			0.42			
94.50	211.30	116.80	Unknown						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	TOPSOIL	Topsoil	
0.60	1.50	0.90	BASALT BROKEN	Basalt	
1.50	35.10	33.60	CLAY MIXTURE	Clay Loam	
35.10	48.80	13.70	BASALT BLUE	Basalt	
48.80	57.90	9.10	LIMESTONE	Limestone	
57.90	68.60	10.70	BASALT BLUE	Basalt	
68.60	94.50	25.90	BASALT	Basalt	
94.50	211.30	116.80	BASALT BLUE	Basalt	

*** End of GW306796 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW307163

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Auger - Solid

Owner Type: Private

Commenced Date:
Completion Date: 16/07/2008

Final Depth: 7.00 m
Drilled Depth: 7.00 m

Contractor Name: Groundtruth Pty Ltd

Driller: Simon Carl Lott

Assistant Driller: Jeremy Geach

Property:

Standing Water Level (m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
DANGARSLEIGH

Cadastre
1/748197

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6612772.000
Easting: 360897.000

Latitude: 30°36'34.4"S
Longitude: 151°32'55.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	7.00	114			Auger - Solid Flight
1		Annulus	Cement	0.00	0.20	114	60		PL:Pouring/Shovelled
1		Annulus	Bentonite	0.20	3.50	114	60		PL:Pouring/Shovelled
1		Annulus	Waterworn/Rounded	3.50	7.00	114	60		Graded, PL:Pouring/Shovelled
1	1	Casing	Pvc Class 18	0.00	4.00	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	4.00	7.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, SL: 40.0mm, A: 0.50mm

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil; dark brown	Topsoil	
1.00	3.00	2.00	Soil; light brown 40%, iron 20%, clay, brown 20%	Soil	
3.00	6.00	3.00	Clay; brown, crimson, gold, grey mottles	Clay	
6.00	7.00	1.00	Silty Clay; grey	Silty Clay	

Remarks

16/07/2008: Form A Remarks:
Nat Carling, 1-Nov-2013; GPS provided by the drillers.

***** End of GW307163 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW307164

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Auger - Solid

Owner Type: Private

Commenced Date:
Completion Date: 16/07/2008

Final Depth: 6.00 m
Drilled Depth: 6.00 m

Contractor Name: Groundtruth Pty Ltd

Driller: Simon Carl Lott

Assistant Driller: Jeremy Geach

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
DANGARSLEIGH

Cadastre
1/748197

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6612675.000
Easting: 360711.000

Latitude: 30°36'37.4"S
Longitude: 151°32'48.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	114			Auger - Solid Flight
1		Annulus	Cement	0.00	0.20	114	60		PL:Pouring/Shovelled
1		Annulus	Bentonite	0.20	2.50	114	60		PL:Pouring/Shovelled
1		Annulus	Waterworn/Rounded	2.50	6.00	114	60		Graded, PL:Pouring/Shovelled
1	1	Casing	Pvc Class 18	0.00	3.00	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	3.00	6.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, SL: 40.0mm, A: 0.50mm

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil; black, 10% mustard clay	Topsoil	
1.00	4.00	3.00	Clay; mustard/gold, grey mottles	Clay	
4.00	6.00	2.00	Clay; grey/Silt, gold, crimson mottles	Clay	

Remarks

16/07/2008: Form A Remarks:

Nat Carling, 1-Nov-2013; GPS provided by the drillers.

***** End of GW307164 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW307165

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Auger - Solid

Owner Type: Private

Commenced Date:
Completion Date: 16/07/2008

Final Depth: 6.00 m
Drilled Depth: 6.00 m

Contractor Name: Groundtruth Pty Ltd

Driller: Simon Carl Lott

Assistant Driller: Jeremy Geach

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
DANGARSLEIGH

Cadastre
1/748197

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6612801.000
Easting: 360460.000

Latitude: 30°36'33.2"S
Longitude: 151°32'39.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	114			Auger - Solid Flight
1		Annulus	Cement	0.00	0.20	114	60		PL:Pouring/Shovelled
1		Annulus	Bentonite	0.20	2.50	114	60		PL:Pouring/Shovelled
1		Annulus	Waterworn/Rounded	2.50	6.00	114	60		Graded, PL:Pouring/Shovelled
1	1	Casing	Pvc Class 18	0.00	3.00	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	3.00	6.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, SL: 40.0mm, A: 0.50mm

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil; grey/black, ironstone mottles	Topsoil	
1.00	2.00	1.00	Soil; rust 20%, grey Clay 40%, ironstone 40%	Soil	
2.00	4.00	2.00	Silty Clay; ochre, gold mottles	Silty Clay	
4.00	6.00	2.00	Clay; grey, gold/crimson mottles	Clay	

Remarks

16/07/2008: Form A Remarks:
Nat Carling, 1-Nov-2013; GPS provided by the drillers.

***** End of GW307165 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW307241

Licence: 30WA307617

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 04/03/2013

Final Depth: 79.30 m
Drilled Depth: 97.60 m

Contractor Name: (None)

Driller: Samuel Keen

Assistant Driller: DL: 1635 JV Keen

Property: Clifford Lot 21 Kia Ora Rd
ARMIDALE 2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 22.600
(m):

Salinity Description: Potable
Yield (L/s): 1.010

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
BUTLER
BUTLER

Cadastre
21//5188
Whole Lot 21//5188

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619813.000
Easting: 367002.000

Latitude: 30°32'48.2"S
Longitude: 151°36'48.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	9.15	254			Rotary Air
1		Hole	Hole	9.15	19.80	203			Rotary Air
1		Hole	Hole	19.80	29.30	178			Rotary Air
1		Hole	Hole	29.30	97.60	165			Rotary Air
1		Annulus	Cement	0.00	17.80	203	140		
1		Annulus	Bentonite	17.80	19.80	203	140		
1		Backfill	Coarse Stone	79.30	97.60	165			
1	1	Casing	Pvc Class 9	-0.30	79.30	140	126		Driven into small h, Riveted and Glued, S: 73.20-79.30m
1		Casing	Casing Protector	-0.30	29.30	178	170		Driven into Hole, Welded - Butt
1	1	Opening	Slots - Horizontal	48.90	54.70	140		0	Mechanically Slotted, PVC Class 9, Riveted and Glued, SL: 200.0mm, A: 2.00mm
1	1	Opening	Slots - Horizontal	67.20	73.00	140		0	Mechanically Slotted, PVC Class 9, Riveted and Glued, SL: 200.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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33.50	36.60	3.10	Unknown	22.60	0.38	01:00:00
91.50	97.60	6.10	Unknown		0.63	01:00:00

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil; light/dark brown, soft, medium grained	Topsoil	
0.30	7.60	7.30	Clay; red/brown, soft, medium/coarse grained	Clay	
7.60	10.70	3.10	Gravel; brown, coarse grained	Gravel	
10.70	12.20	1.50	Basalt; decaying, dark brown, weathered, coarse grained	Basalt	
12.20	21.30	9.10	Clay; light red, soft, medium/coarse grained	Clay	
21.30	24.40	3.10	Clay/Sand; mixture, yellow/brown, soft/hard, medium/coarse grained	Clay	
24.40	27.40	3.00	Gravel; brown, weathered, medium/coarse grained	Gravel	
27.40	66.20	38.80	Basalt; blue/black, soft, medium/coarse grained	Basalt	
66.20	97.60	31.40	Basalt; black, broken, fractured	Basalt	

Remarks

04/03/2013: Nat Carling, 4-Apr-2014; Coordinates based on location map provided with the Form-A. Adjusted hole details to fit casing protector.

*** End of GW307241 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW307316

Licence: 30WA307785

Licence Status: CURRENT

Authorised Purpose(s): STOCK, DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hamm

Owner Type: Private

Commenced Date:
Completion Date: 12/06/2013

Final Depth: 69.00 m
Drilled Depth: 69.00 m

Contractor Name: Mannion Drilling
Driller: Jason Roger Mannion
Assistant Driller:

Property: Wright 110 Translator Rd
ARMIDALE 2350 NSW
GWMA: -
GW Zone: -

Standing Water Level 42.000
(m):
Salinity Description:
Yield (L/s): 0.300

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: ARMIDALE
ARMIDALE
Cadastre: 2//1123019
Whole Lot 2//1123019

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619934.000
Easting: 370356.000

Latitude: 30°32'45.6"S
Longitude: 151°38'54.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unidentified

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	69.00	165			Down Hole Hammer
1		Annulus	Bentonite/Grout	5.00	10.00	165	120		PL: Poured/Shovelled
1		Annulus	Waterworn/Rounded	10.00	69.00	165	120		Graded, PL: Poured/Shovelled
1	1	Casing	Pvc Class 9	-0.30	69.00	120	110		Seated on Bottom, Glued
1	1	Opening	Slots - Horizontal	60.00	67.00	120		0	Mechanically Slotted, PVC Class 9, Glued, SL: 50.0mm, A: 1.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
64.00	65.00	1.00	Unknown	42.00		0.30			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil	Topsoil	
1.00	7.00	6.00	Clay	Clay	

7.00	37.00	30.00	Basalt	Basalt	
37.00	38.00	1.00	Basalt; soft	Basalt	
38.00	49.00	11.00	Basalt	Basalt	
49.00	52.00	3.00	Clay-Basalt	Clay	
52.00	63.00	11.00	Basalt	Basalt	
63.00	64.00	1.00	Clay	Clay	
64.00	65.00	1.00	Sand; fine	Sand	
65.00	69.00	4.00	Clay	Clay	

Remarks

12/06/2013: Form A Remarks:

Nat Carling, 14-Apr-2014; No location was provided, based in the centre of the authorised land. Map sent to owner for true location.

*** End of GW307316 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW307396

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Filled,Backfilled

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 09/04/2013

Final Depth: 85.40 m
Drilled Depth: 85.40 m

Contractor Name: (None)

Driller: Samuel Keen

Assistant Driller: JV Keen - DL:1635

Property:

Standing Water Level (m): 22.600

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.630

Site Details

Site Chosen By:

Form A: County SANDON Parish BUTLER Cadastre 21/5188
Licensed:

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619906.000
Eastings: 366948.000

Latitude: 30°32'45.2"S
Longitude: 151°36'46.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	11.10	254			Rotary Air
1		Hole	Hole	11.10	85.40	165			Rotary Air
1		Backfill	Drilled Cutting	-0.50	1.00	254			
1		Backfill	Cement Grout	1.00	7.50	254			
1		Backfill	Gravel	7.50	10.50	254			
1		Backfill	Bentonite	10.50	11.50	165			
1		Backfill	Drilled Cutting	11.50	85.40	165			
1	1	Casing	Steel	-0.50	11.10	178	170		Seated on Bottom, Cemented, Welded - Butt

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
38.10	44.20	6.10	Unknown	22.60		0.19		01:00:00	
68.60	74.70	6.10	Unknown			0.51		01:00:00	

Drillers Log

From	To	Thickness	Drillers Description	Geological Material	Comments
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(m)	(m)	(m)			
0.00	0.30	0.30	Topsoil; light brown, medium/coarse grained	Topsoil	
0.30	0.60	0.30	Clay; light brown, soft, medium/coarse grained	Clay	
0.60	3.10	2.50	Clay/Sand; yellow, fine/coarse grained	Clay	
3.10	7.60	4.50	Basalt; broken/Sand, brown, fine/medium/coarse grained	Basalt	
7.60	32.00	24.40	Basalt; decaying, yellow/brown, fine/coarse grained	Basalt	
32.00	85.40	53.40	Sand; yellow, soft, fine/medium grained	Sand	

Remarks

09/04/2013: Form A Remarks:

Nat Carling, 30-Apr-2014; Coordinates based on location map provided with the Form-A. Driller noted "Bore abandoned due to unstable strata (sand) from 32.0m to 85.4m, which would have involved considerable cost to the customer, in order to make a production bore (there was sufficient/suitable water/yield in the bore). The strata collapsed from 32m to 85.4m after drilling to 85.4m (and then up to 23.5m). The surface (protective) casing was cut off at 1m below ground level (after having been 0.5m above ground level, to 11.1m & cemented). The bore has been cemented & backfilled from 1m (bgl), covered with soil to 1m (bgl) & mounded above ground level".

*** End of GW307396 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW307425

Licence: 30WA307783

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Abandoned,Backfilled

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 18/04/2013

Final Depth: 79.30 m
Drilled Depth: 79.30 m

Contractor Name: (None)

Driller: Samuel Keen

Assistant Driller: JV Keen, DL:1635

Property: Kia-Ora 136 Kia-ora Rd ARMIDALE
2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 18.300
(m):

Salinity Description: Potable
Yield (L/s): 2.530

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
BUTLER
BUTLER

Cadastre
256//755811
Whole Lot
256//755811

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619179.000
Easting: 366883.000

Latitude: 30°33'08.7"S
Longitude: 151°36'43.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	35.70	254			Rotary Air
1		Hole	Hole	35.70	79.30	203			Rotary Air
1		Backfill	Concrete	0.40	7.00	254			
1		Backfill	Bentonite	16.40	26.40	254			
1		Backfill	Drilled Cutting	26.40	79.30	203			
1	1	Casing	Other	-0.40	26.50	178	170		Driven into small h, Welded - Butt

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
50.30	61.00	10.70	Unknown	18.30		0.25		01:00:00	
76.20	79.30	3.10	Unknown			2.11		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments

0.00	0.30	0.30	Topsoil; black	Topsoil	
0.30	1.80	1.50	Clay, mixture; brown, coarse grained Sand, yellow medium/coarse	Clay	
1.80	6.40	4.60	Basalt; decaying, yellow, medium/coarse grained	Basalt	
6.40	10.70	4.30	Basalt; blue/yellow, medium/coarse grained	Basalt	
10.70	22.90	12.20	Sand; yellow, fine/medium grained	Sand	
22.90	27.40	4.50	Clay, mixutre; light brown/red, fine/medium grained	Clay	
27.40	33.50	6.10	Sand; yellow, fine/medium grained	Sand	
33.50	38.10	4.60	Basalt; blue, medium/coarse grained	Basalt	
38.10	50.30	12.20	Sand/Gravel, mixture; yellow/white, fine/medium grained	Sand	
50.30	79.30	29.00	Basalt; black, medium/coarse grained	Basalt	

Remarks

18/04/2013: Form A Remarks:

Nat Carling, 1-May-2014; Coordinates based on location map provided with the Form-A. Driller commented "bore was abandoned due to unstable formation, the client was not prepared to meet the cost involved in making th ebore a 'production bore'. Every effort was made to pull the 178mm steel casing (which was installed to 34.5m), this casing is still down to 26.5m - the balance not being retrievable. The bore caved in from 79.3m to 26.4m & remaining depth was filled in with cement/bentonite mix & drilled cuttings".

*** End of GW307425 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW307426

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 09/05/2013

Final Depth: 74.40 m
Drilled Depth: 74.40 m

Contractor Name: (None)

Driller: Samuel Keen

Assistant Driller: JV Keen, DL: 1635

Property:

Standing Water Level 18.300
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.510

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
BUTLER

Cadastre
256//755811

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619192.000
Easting: 366712.000

Latitude: 30°33'08.2"S
Longitude: 151°36'37.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	21.30	254			Rotary Air
1		Hole	Hole	21.30	64.00	203			Rotary Air
1		Hole	Hole	64.00	74.40	165			Rotary Air
1		Annulus	Cement	0.00	21.30	254	213		
1		Annulus	Bentonite	21.30	21.50	203	140		PL:Pooured/Shovelled
1		Annulus	Waterworn/Rounded	21.50	24.50	203	140		Graded, Q:0.050m3, PL:Pooured/Shovelled
1		Annulus	Bentonite	24.50	25.00	203	140		PL:Pooured/Shovelled
1		Annulus	Waterworn/Rounded	25.00	39.00	203	140		Graded, PL:Pooured/Shovelled
1		Annulus	Bentonite/Grout	39.00	49.00	203	140		PL:Pooured/Shovelled
1		Annulus	Bentonite	49.00	49.50	203	140		PL:Pooured/Shovelled
1		Annulus	Waterworn/Rounded	49.50	74.40	165	140		Graded, Q:0.500m3, PL:Pooured/Shovelled
1	1	Casing	Pvc Class 9	-0.30	67.40	140	126		Driven into small h, Riveted and Glued, S: 61.30-67.40m
1	1	Casing	Other	-0.30	21.30	213	203		Driven into small h, Cemented, Welded - Butt
1	1	Opening	Slots - Horizontal	22.00	24.40	140		0	Mechanically Slotted, PVC Class 9, Riveted and Glued, SL: 200.0mm, A: 3.00mm
1	1	Opening	Slots - Horizontal	49.60	61.00	140		0	Mechanically Slotted, PVC Class 9, Riveted and Glued, SL: 200.0mm, A:

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.30	24.70	3.40	Unknown	18.30		0.25		01:00:00	
48.80	74.40	25.60	Unknown			0.44		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil; black	Topsoil	
0.30	9.20	8.90	Ironstone; black, medium/coarse grained	Ironstone	
9.20	15.20	6.00	Clay; yellow, medium/coarse grained	Clay	
15.20	18.30	3.10	Sandstone; grey, medium/coarse grained	Sandstone	
18.30	21.30	3.00	Clay; light yellow, medium/coarse grained	Clay	
21.30	24.70	3.40	Gravel/coarse Sand mixture	Gravel	
24.70	30.50	5.80	Clay/Sand mixture; clay- red yellow, medium/coarse, Sand-yellow, medium/coarse	Clay	
30.50	48.80	18.30	Clay/Basalt mixture; clay-red/yellow, medium/coarse, Basalt-blue/black, weathered	Clay	
48.80	74.40	25.60	Basalt; blue/black, medium/coarse	Basalt	

Remarks

09/05/2013: Form A Remarks:

Nat Carling, 1-May-2014; Coordinates based on location map provided with the Form-A. Driller commented "Steel casing protector was installed at clients request, steel casing & gravel fill was purchased/supplied by client. No guarantee is given where problems occur, which have been caused by material supplied by the customer".

*** End of GW307426 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW307427

Licence: 30WA307884

Licence Status: CURRENT

Authorised Purpose(s): DOMESTIC
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary - Air/F

Owner Type: Private

Commenced Date:
Completion Date: 04/12/2013

Final Depth: 41.00 m
Drilled Depth: 41.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller: Nigeal Hawkins

Property: BENAMBRA 326 The Gap Rd
URALLA 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level 4.000
(m):

Salinity Description: Potable
Yield (L/s): 0.250

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
URALLA
URALLA

Cadastre
5//8366597
Whole Lot 5//836597

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6604260.000
Easting: 358859.000

Latitude: 30°41'09.9"S
Longitude: 151°31'35.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	7.00	200			Rotary - Air/Foam
1		Hole	Hole	7.00	41.00	155			Down Hole Hammer
1		Annulus	Cement	0.00	8.00	155	135		PL:Poured/Shovelled
1	1	Casing	Pvc Class 9	0.00	18.00	135	125		Seated, Kwik-lock
1	1	Casing	Steel - Erw	0.00	2.00	168	158		Other
1	1	Opening	Slots - Horizontal	8.00	14.00	135		0	Mechanically Slotted, PVC Class 9, Packer, SL: 3.0mm, A: 100.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
9.00	12.00	3.00	Unknown	4.00		0.25		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	Clay; red	Clay	

6.00	12.00	6.00	Basalt; broken	Basalt	
12.00	41.00	29.00	Basalt; grey	Basalt	

Remarks

04/12/2013: Form A Remarks:

Nat Carling, 1-May-2014; GPS provided by the drillers was adjusted (couple of digits) to plot bore on authorised land. May vary from actual location.

***** End of GW307427 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW307442

Licence: 30WA308039

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hamm

Owner Type: Private

Commenced Date:
Completion Date: 24/07/2014

Final Depth: 54.00 m
Drilled Depth: 54.00 m

Contractor Name: Mannion Drilling Pty Ltd

Driller: Jason Roger Mannion

Assistant Driller: B Taylor

Property: "Glendarra" 14 Black Lane
DANGARSLEIGH, ARMIDALE 2350
NSW

Standing Water Level 13.000
(m):

GWMA: -
GW Zone: -

Salinity Description:
Yield (L/s): 1.000

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed: SANDON

Parish
SAUMAREZ
SAUMAREZ

Cadastre
143//5455
Whole Lot 143//5455

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6611430.000
Easting: 373535.000

Latitude: 30°37'23.0"S
Longitude: 151°40'49.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	54.00	165			Down Hole Hammer
1		Annulus	Bentonite/Grout	0.00	12.00	165	152		
1	1	Casing	Pvc Class 9	-0.30	54.00	152	142		Seated on Bottom, Screwed and Glued
1	1	Opening	Slots - Diagonal	15.00	17.00	152		0	Mechanically Slotted, PVC Class 9, Glued, SL: 100.0mm, A: 2.00mm
1	1	Opening	Slots - Diagonal	45.00	47.00	152		0	Mechanically Slotted, PVC Class 9, Glued, SL: 100.0mm, A: 2.00mm
1	1	Opening	Slots - Diagonal	49.00	52.00	152		0	Mechanically Slotted, PVC Class 9, Glued, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.00	15.50	0.50	Unknown			0.20			
46.00	46.50	0.50	Unknown			0.20			
50.00	50.50	0.50	Unknown	13.00		0.60			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	6.00	5.70	Clay	Clay	
6.00	15.00	9.00	Basalt	Basalt	
15.00	15.50	0.50	Basalt; soft	Basalt	
15.50	46.00	30.50	Clay	Clay	
46.00	46.50	0.50	Basalt; soft	Basalt	
46.50	50.00	3.50	Basalt	Basalt	
50.00	50.50	0.50	Basalt; broken	Basalt	
50.50	54.00	3.50	Basalt	Basalt	

Remarks

24/07/2014: Form A Remarks:

Nat Carling, 30-Sept-2014; Coordinates based on location map provided with the Form-A.

*** End of GW307442 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW307443

Licence: 30WA308063

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hamm

Owner Type: Private

Commenced Date:
Completion Date: 25/07/2014

Final Depth: 42.00 m
Drilled Depth: 42.00 m

Contractor Name: MANNION WATER DRILLING
SERVICES
Driller: Jason Roger Mannion
Assistant Driller: B Taylor

Property: "Kelvin" 43 Enmore Rd
DANGARSLEIGH 2350 NSW
GWMA: -
GW Zone: -

Standing Water Level 14.000
(m):
Salinity Description:
Yield (L/s): 0.400

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON
Parish: SAUMAREZ
SAUMAREZ
Cadastr: 120//5455
Whole Lot 120//5455

Region: 30 - North Coast

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6612346.000
Easting: 372890.000

Latitude: 30°36'53.0"S
Longitude: 151°40'26.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	42.00	165			Down Hole Hammer
1		Annulus	Bentonite/Grout	0.00	12.00	165	152		
1	1	Casing	Pvc Class 9	-0.30	42.00	152	142		Seated on Bottom, Glued
1	1	Opening	Slots - Diagonal	30.00	40.00	152		0	Mechanically Slotted, PVC Class 9, Riveted, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
32.00	33.00	1.00	Unknown	14.00		0.40			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	0.90	0.60	Clay	Clay	
0.90	9.00	8.10	Basalt	Basalt	

9.00	24.00	15.00	Clay	Clay	
24.00	32.00	8.00	Basalt	Basalt	
32.00	33.00	1.00	Basalt; soft	Basalt	
33.00	42.00	9.00	Basalt	Basalt	

Remarks

25/07/2014: Form A Remarks:

Nat Carling, 30-Sept-2014; No location was provided with the Form-A. Coordinates based in the centre of the authorised land, map sent to owner for true location.

30/04/2015: Nat Carling, 30-Apr-2015; Updated coordinates based on GPS & location map provided by owner.

***** End of GW307443 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.00	5.00	Clay; brown	Clay	
5.00	10.00	5.00	Shale; grey	Shale	
10.00	12.00	2.00	Basalt; broken	Basalt	
12.00	50.00	38.00	Basalt	Basalt	
50.00	55.00	5.00	Basalt; broken	Basalt	
55.00	59.40	4.40	Basalt	Basalt	

Remarks

13/03/2014: Form A Remarks:
 Nat Carling, 6-Nov-2014; GPS provided on the Form-A.

*** End of GW307522 ***

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW307550

Licence: 30WA307981

Licence Status: CURRENT

Authorised Purpose(s): STOCK,DOMESTIC
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hamm

Owner Type: Private

Commenced Date:
Completion Date: 15/04/2014

Final Depth: 25.80 m
Drilled Depth: 25.80 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller: Nigel Hawkins

Property: Downes / Annetts 645 The Gap Rd
 SALISBURY PLAINS 2358 NSW

GWMA: -
GW Zone: -

Standing Water Level (m): 10.000

Salinity Description: Potable
Yield (L/s): 0.770

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed: SANDON

Parish: SALISBURY
 SALISBURY

Cadastre: 1//1018290
 Whole Lot 1//1018290

Region: 30 - North Coast

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6602120.000
Easting: 360890.000

Latitude: 30°42'20.3"S
Longitude: 151°32'50.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
 Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	215			Down Hole Hammer
1		Hole	Hole	6.00	25.80	165			Rotary - Percussion - Foam Injec
1		Annulus	Cement	0.00	6.00	215	168		PL:Poured/Shovelled
1	1	Casing	Pvc Class 9	-0.50	25.80	135	125		Seated on Bottom, Glued, S: 17.00-25.80m
1	1	Casing	Steel - Erw	-0.50	1.00	168	158		Welded - Butt
1	1	Opening	Slots - Horizontal	12.00	22.00	135		0	Mechanically Slotted, PVC Class 9, Glued, SL: 100.0mm, A: 0.25mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.00	17.00	3.00	Unknown	10.00		0.77		02:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	5.00	5.00	Clay	Clay	

5.00	12.00	7.00	Shale; brown	Shale	
12.00	21.00	9.00	Shale; fractured	Shale	
21.00	25.80	4.80	Shale; hard, black	Shale	

Remarks

15/04/2014: Form A Remarks:

Nat Carling, 14-Nov-2014; GPS provided on the form was incorrect, based coordinates on location map provided with the Form-A.

***** End of GW307550 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW307568

Licence: 30WA307974

Licence Status: CURRENT

Authorised Purpose(s): STOCK
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hamm

Owner Type: Private

Commenced Date:
Completion Date: 17/04/2014

Final Depth: 61.00 m
Drilled Depth: 61.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller: Nigel Hawkins

Property: Mason's 401 Gara Rd ARMIDALE
2350 NSW

GWMA: -
GW Zone: -

Standing Water Level 19.000
(m):

Salinity Description: Potable
Yield (L/s): 0.300

Site Details

Site Chosen By:

County SANDON Parish GARA Cadastre 5/791239
Form A: SANDON Licensed: SANDON GARA Whole Lot 5/791239

Region: 30 - North Coast

CMA Map: 9236-1N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6618326.000
Easting: 381560.000

Latitude: 30°33'42.0"S
Longitude: 151°45'54.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	215			Down Hole Hammer
1		Hole	Hole	6.00	61.00	165			Rotary - Percussion - Foam Injec
1		Annulus	Cement Grout	0.00	6.00	215	168		PL:Poured/Shovelled
1	1	Casing	Pvc Class 9	-0.50	61.00	135	125		Seated on Bottom, Glued, S: 25.00-61.00m
1	1	Casing	Steel - Erw	-0.50	1.00	168	158		Cemented, Welded - Butt
1	1	Opening	Slots - Horizontal	20.00	30.00	135		0	Mechanically Slotted, PVC Class 9, Glued, SL: 100.0mm, A: 0.25mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.00	25.00	1.00	Unknown	19.00		0.30		02:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	Clay	Clay	

2.00	19.00	17.00	Shale; grey	Shale	
19.00	25.00	6.00	Shale; fractured, grey	Shale	
25.00	61.00	36.00	Shale; hard, grey	Shale	

Remarks

17/04/2014: Form A Remarks:
Nat Carling, 17-Nov-2014; GPS provided on the Form-A.

***** End of GW307568 *****

Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW900296

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 10/05/1992

Final Depth: 58.00 m
Drilled Depth: 58.00 m

Contractor Name: Coastal Drilling
Driller: Robert Leslie Tanner
Assistant Driller:

Property:

Standing Water Level (m):
Salinity Description: Good
Yield (L/s):

GWMA:
GW Zone:

Site Details

Site Chosen By:

County: SANDON
Parish: ARDING
Cadastre: PT. POR 13 & 77
Form A: Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616156.000
Easting: 360144.000

Latitude: 30°34'44.1"S
Longitude: 151°32'29.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	15.00	205			Rotary Air
1		Hole	Hole	15.00	58.00	205			Rotary Air
1		Annulus	Waterworn/Rounded	0.00	58.00				Graded, Q:3.000m3
1	1	Casing	Pvc Class 9	-0.30	58.00	152			Seated on Bottom, Glued
1	1	Opening	Slots - Vertical	15.50	17.50	152		1	PVC Class 9, SL: 100.0mm, A: 2.60mm
1	1	Opening	Slots - Vertical	54.00	57.00	152		2	SL: 100.0mm, A: 2.60mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.50	17.50	2.00	Unknown	9.00		0.13	58.00	06:00:00	
54.00	57.00	3.00	Unknown	9.00		6.32			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	RED TOPSOIL	Unknown	

0.30	5.00	4.70	RED CLAY	Unknown	
5.00	15.00	10.00	RED CLAY WHITE INTRUSION	Unknown	
15.00	15.50	0.50	IRONSTONE SHEET	Unknown	
15.50	17.50	2.00	SAND TO .030(THIRTY THOU)	Unknown	
17.50	24.00	6.50	GREY CLAY	Unknown	
24.00	30.00	6.00	BASALTIC SHALE	Unknown	
30.00	48.00	18.00	BASALT	Unknown	
48.00	52.00	4.00	BROWN COAL	Unknown	
52.00	54.00	2.00	GREY CLAY	Unknown	
54.00	57.00	3.00	COARSE SAND TO .030	Unknown	
57.00	58.00	1.00	BROWN CLAY	Unknown	

Remarks

09/01/2004: Cadaster data details obtained form GDS. Charting done at the center of the property using Arc View GIS due to lack of actual bore site info.

*** End of GW900296 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW900730

Licence:

Licence Status:

Authorised Purpose(s):

Intended Purpose(s): STOCK, DOMESTIC, FARMING, IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date: 20/09/1997

Completion Date: 20/09/1997

Final Depth: 33.00 m

Drilled Depth:

Contractor Name:

Driller: Garry Noel Dell

Assistant Driller:

Property:

GWMA:

GW Zone:

Standing Water Level (m):

Salinity Description: Good

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
LT 1 DP 531818

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6620850.000
Easting: 369285.000

Latitude: 30°32'15.4"S
Longitude: 151°38'14.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	150			Other
1		Hole	Hole	6.00	33.00	150			Other
1	1	Casing	Pvc Class 9	-0.60	33.00	140			Seated on Bottom, Glued
1	1	Opening	Slots - Horizontal	28.00	30.00	140		1	Sawn, PVC, SL: 2.0mm, A: 1.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
27.00	30.00	3.00	Unknown	10.00		2.20	33.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	top soil	Unknown	
0.50	2.50	2.00	red clay (sticky)	Unknown	
2.50	6.00	3.50	yellow clay decomposed basalt (hard)	Unknown	
6.00	20.20	14.20	hard mud stone (v hard)	Unknown	

20.20	27.00	6.80	basalt (solid)	Unknown	
27.00	30.00	3.00	broken basalt (cobbles)	Unknown	
30.00	33.00	3.00	basalt solid	Unknown	

Remarks

23/12/1997: Form A Remarks:

hand dug well, liner type - concrete, 1.2m in diameter, no length given.

16/07/1998: purpose changed to irrigation, farming - new license number

***** End of GW900730 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW900990

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:
Completion Date: 01/01/1979

Final Depth: 48.00 m
Drilled Depth:

Contractor Name: Watermin Drillers Pty Ltd

Driller: Unknown Unknown

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

Form A: County
Licensed: SANDON

Parish:
SANDON

Cadastre:
LT 17 DP755838

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6590823.000
Easting: 348600.000

Latitude: 30°48'21.7"S
Longitude: 151°25'02.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Remarks

01/01/1979: Form A Remarks:
other details: method of drilling - drilling rig, casing type - pvc .
this is as much as i know as my husband did all this work.

*** End of GW900990 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW901311

Licence:

Licence Status:

Authorised Purpose(s):

Intended Purpose(s): STOCK, DOMESTIC, FARMING

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type:

Commenced Date:

Completion Date: 15/04/1998

Final Depth: 20.00 m

Drilled Depth: 20.00 m

Contractor Name: DROUGHT BUSTER DRILLING
PTY LTD

Driller: Garry Noel Dell

Assistant Driller:

Property:

Standing Water Level 10.000
(m):

GWMA:

Salinity Description: Good

GW Zone:

Yield (L/s): 0.041

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
HARNHAM

Cadastre
LT 233 DP 755829

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6596621.000
Easting: 351144.000

Latitude: 30°45'14.6"S
Longitude: 151°26'41.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	4.50	150			Unknown
1		Hole	Hole	4.50	20.00	150			Unknown
1	1	Casing	P.V.C.	0.60	20.00	150	138		Seated on Bottom, Cemented, Glued
1	1	Opening	Slots - Horizontal	17.00	19.00	150		0	Sawn, PVC, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
17.00	19.00	2.00	Unknown	10.00		0.04	20.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.20	0.20	top soil	Topsoil	
0.20	1.00	0.80	yellow clay	Clay	
1.00	4.50	3.50	sandy clay	Invalid Code	
4.50	17.00	12.50	granite rock	Granite	

17.00	19.00	2.00	water bearing broken granite	Invalid Code	
19.00	20.00	1.00	granite rock	Granite	

*** End of GW901311 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW901510

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC, IRRIGATION

Work Type: Bore

Work Status:

Construct.Method: Backhoe

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth:

Drilled Depth:

Contractor Name: IAN WHITNEY

Driller: Unknown Unknown

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

Form A: INGLIS
Licensed:

County

Parish
TARA

Cadastre
LOT 1 DP831394

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6588864.000
Easting: 333194.000

Latitude: 30°49'17.9"S
Longitude: 151°15'21.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Remarks

07/12/1998: Form A Remarks:

Not a well or bore - see file.

backhoe - culvert pipes.

23/01/2004: Nominated bore location based on cadastral details provided either by Form A or licence. Charted bore location will differ from actual location. This is one out of two bore located in the property charted at random.

Krish

28/04/2004: bores charted using the GPS reading given by Chris Binks.

Krish

15/12/2009: Reviewed data - nothing to update.

*** End of GW901510 ***

WaterNSW Work Summary

GW901597

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:

Final Depth: 55.00 m

Completion Date:

Drilled Depth: 55.00 m

Contractor Name: DROUGHT BUSTER DRILLING
PTY LTD

Driller: Garry Noel Dell

Assistant Driller:

Property:

Standing Water Level 32.000
(m):

GWMA:

Salinity Description:

GW Zone:

Yield (L/s): 0.187

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
DANGARSLEIGH

Cadastre
LOT 4 DP109536

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6610347.000
Easting: 361675.000

Latitude: 30°37'53.4"S
Longitude: 151°33'23.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	2.00	160			Other
1		Hole	Hole	2.00	55.00	150			Other
1	1	Casing	P.V.C.	-0.60	55.00	150	138		Seated on Bottom, Glued
1	1	Opening	Slots - Horizontal	46.50	50.00	150		0	PVC Class 9, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
47.00	49.00	2.00	Unknown	32.00		0.19	55.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	CLAY (BROWN)	Clay	
2.00	5.50	3.50	BASALT - DECOMPOSED	Basalt	
5.50	47.00	41.50	BASALT - SOLID	Basalt	
47.00	49.00	2.00	BASALT - BROKEN - W.B.	Basalt	

49.00	53.00	4.00	SAND BASALT	Sand	
53.00	55.00	2.00	CLAY (WHITE)	Clay	

*** End of GW901597 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW901739

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s):

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 12/07/1999

Final Depth: 24.00 m
Drilled Depth: 24.00 m

Contractor Name: Mannion Drilling Pty Ltd

Driller: Jason Roger Mannion

Assistant Driller:

Property:

Standing Water Level 9.000
(m):

GWMA:
GW Zone:

Salinity Description: Good
Yield (L/s): 0.625

Site Details

Site Chosen By:

County Parish Cadastre
Form A: UNKNOWN
Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6614659.000
Easting: 368612.000

Latitude: 30°35'36.2"S
Longitude: 151°37'46.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	24.00	160			(Unknown)
1	1	Casing	P.V.C.	0.00	21.00	152	142		Seated on Bottom, Screwed and Glued
1	1	Opening	Slots - Vertical	19.00	22.00	152		0	PVC Class 9, SL: 160.0mm, A: 0.30mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.00	21.00	1.00	Unknown			0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil	Topsoil	
0.30	2.00	1.70	clay	Clay	
2.00	19.00	17.00	basalt	Basalt	
19.00	20.00	1.00	basalt - soft	Basalt	
20.00	21.00	1.00	basalt - broken	Basalt	

Remarks

12/02/2004: Nominated bore location based on cadastral details provided either by Form A or licence. Charted bore location will differ from actual location.
Krish

***** End of GW901739 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW902027

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC, AQUACULTURE

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 13/12/1999

Final Depth: 12.20 m
Drilled Depth: 12.20 m

Contractor Name: MJ & LC MANNION
Driller: Randall George Mannion
Assistant Driller:

Property:

Standing Water Level 3.600 (m):
Salinity Description:
Yield (L/s): 1.260

GWMA:
GW Zone:

Site Details

Site Chosen By:

County: UNKNOWN Parish: UNKNOWN Cadastre: UNKNOWN
Form A: Licensed:
CMA Map:
Grid Zone: Scale:
Elevation: 0.00 m (A.H.D.) Northing: 6612765.000 Latitude: 30°36'20.8"S
Elevation Source: Unknown Easting: 331218.000 Longitude: 151°14'21.7"E
GS Map: - MGA Zone: 56 Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	12.20	152			Rotary Air
1	1	Casing	Pvc Class 12	-0.30	12.20	152			Seated on Bottom, Glued
1	1	Opening	Slots - Vertical	9.00	11.00	152		0	Sawn, PVC Class 12, SL: 200.0mm, A: 0.30mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
9.00	9.30	0.30	Unknown	3.60	10.60	1.26	12.20	02:00:00	
10.50	10.80	0.30	Unknown	3.60	10.60	1.26	12.20	02:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	topsoil	Topsoil	
0.60	2.40	1.80	ridge clay	Invalid Code	
2.40	3.00	0.60	boulders	Boulders	

3.00	5.40	2.40	ridge	Invalid Code	
5.40	9.00	3.60	brown shale	Invalid Code	
9.00	9.30	0.30	water bearing brown shale	Invalid Code	
9.30	10.50	1.20	shale	Shale	
10.50	10.80	0.30	water bearing bbrown shale	Invalid Code	
10.80	11.60	0.80	shale	Shale	
11.60	12.20	0.60	basalt - blue	Basalt	

Remarks

18/02/2004: Nominated bore location based on cadastral details provided either by Form A or licence. Charted bore location will differ from actual location.

Krish

*** End of GW902027 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW902216

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): DOMESTIC, FARMING

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date:

Final Depth:
Drilled Depth:

Contractor Name: (None)

Driller:

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

Form A: SANDON
Licensed:

County:

Parish:
HARNHAM

Cadastre:
LT27 DP755829

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6597234.000
Easting: 350276.000

Latitude: 30°44'54.3"S
Longitude: 151°26'09.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Remarks

08/05/2000: Form A Remarks:
Old Form AG used to complete data.
17/05/2000: Licensing an existing bore
16/12/2009: Reviewed data - nothing to update.

*** End of GW902216 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW902534

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 23/05/1995

Final Depth: 48.70 m
Drilled Depth: 48.70 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller:

Property:

Standing Water Level 45.700
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.100

Site Details

Site Chosen By:

County
Form A: INGLIS
Licensed:

Parish
BENDEMEER

Cadastre
LOT 2 DP700691

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6590691.000
Easting: 330749.000

Latitude: 30°48'17.3"S
Longitude: 151°13'51.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	48.70	155			Rotary Air
1	1	Casing	P.V.C.	-0.50	18.20	135			Seated on Bottom, Glued
1	1	Casing	Steel	-0.50	1.50	155			Driven into Hole, Welded

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
13.40	13.70	0.30	Unknown						
45.70	46.90	1.20	Unknown	45.70		0.10	46.90	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Top soil	Topsoil	
0.30	1.20	0.90	Clay	Clay	
1.20	16.40	15.20	Granite sand	Granite	
16.40	45.70	29.30	Granite rock	Granite	

45.70	46.90	1.20	Granite sand	Granite	
46.90	48.70	1.80	Granite rock	Granite	

Remarks

23/05/1995: Form A Remarks:

The bore is of open ended casing and open hole.

***** End of GW902534 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW964977

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 21/12/2000

Final Depth: 10.00 m
Drilled Depth: 10.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: HARNHAM
Cadastre: LT104 DP755829
Form A: SANDON
Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6600125.000
Easting: 356780.000

Latitude: 30°43'23.3"S
Longitude: 151°30'15.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	10.00	200			Rotary Air
1		Annulus	(Unknown)	2.00	10.00				Graded
1	1	Casing	Steel	-0.50	10.00	168			Seated on Bottom, Welded
1	1	Opening	Slots - Vertical	6.00	10.00	168		0	Steel, SL: 0.1mm, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.00	10.00	4.00	Unknown	4.00		0.63	10.00	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	topsoil	Topsoil	
1.00	6.00	5.00	shale	Shale	
6.00	10.00	4.00	gravel	Gravel	

***** End of GW964977 *****

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DRAFT

WaterNSW

Work Summary

GW965106

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 11/05/2001

Final Depth: 40.90 m
Drilled Depth: 40.90 m

Contractor Name: JV KEEN

Driller: John Vincent Keen

Assistant Driller:

Property:

Standing Water Level 21.300 (m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 1.010

Site Details

Site Chosen By:

Form A: County SANDON Parish ARDING Cadastre LTB DP443706
Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6613210.000
Easting: 356579.000

Latitude: 30°36'18.3"S
Longitude: 151°30'14.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	40.90	255			Rotary Air
1		Annulus	(Unknown)	0.00	40.90				Graded, Q:1.120m3
1	1	Casing	Steel	-0.30	39.60	165	155		Driven into Hole, Welded
1	1	Opening	Slots - Vertical	6.10	31.10	165		0	Steel, SL: 300.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
31.10	40.90	9.80	Unknown	21.30		1.01	40.90	01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.10	0.10	topsoil	Topsoil	
0.10	29.00	28.90	basalt	Basalt	
29.00	40.20	11.20	sand	Sand	
40.20	40.90	0.70	sandstone	Sandstone	

***** End of GW965106 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW965727

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth:

Drilled Depth:

Contractor Name:

Driller: Unknown Unknown

Assistant Driller:

Property:

GWMA:

GW Zone:

Standing Water Level
(m):

Salinity Description:

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
LT1 DP171031

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6616927.000
Easting: 358784.000

Latitude: 30°34'18.5"S
Longitude: 151°31'38.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Remarks

16/12/2009: Reviewed data - nothing to update.

*** End of GW965727 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW965728

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth:

Drilled Depth:

Contractor Name:

Driller: Unknown Unknown

Assistant Driller:

Property:

GWMA:

GW Zone:

Standing Water Level
(m):

Salinity Description:

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
LT376 DP755807

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617070.000
Easting: 358180.000

Latitude: 30°34'13.6"S
Longitude: 151°31'16.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Remarks

16/12/2009: Reviewed data - nothing to update.

*** End of GW965728 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW965770

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: New Bore

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 11/06/2002

Final Depth: 57.90 m
Drilled Depth: 57.90 m

Contractor Name: JV KEEN

Driller: John Vincent Keen

Assistant Driller:

Property:

Standing Water Level 12.200
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 1.300

Site Details

Site Chosen By:

County Parish Cadastre
Form A: UNKNOWN
Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6615592.000
Easting: 344412.000

Latitude: 30°34'55.5"S
Longitude: 151°22'38.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	57.90	155			Rotary Air
1	1	Casing	Pvc Class 9	-0.30	57.90	140	128		Seated on Bottom, Riveted
1	1	Opening	Slots - Horizontal	39.60	57.90	140		0	Sawn, PVC Class 9, SL: 50.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
39.60	51.80	12.20	Unknown	12.20		0.51		01:00:00	0.50

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil/granite	Topsoil	
0.30	45.70	45.40	granitesand/coarse	Granite	
45.70	57.90	12.20	graniterock/blue	Granite	

Remarks

11/06/2002: Form A Remarks:

contractor is taken as the drillers name: J. Keen

at water bearing zone 57.9m the estimated yield is 1.3L/s.

type of casing bottom: open end.

method of fixing code: glued and riveted.

water entry opening type: casing-hand sawn slot.

***** End of GW965770 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW965779

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: New Bore

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 07/06/2002

Final Depth: 47.30 m
Drilled Depth: 47.30 m

Contractor Name: JV KEEN

Driller: John Vincent Keen

Assistant Driller:

Property:

Standing Water Level 18.300
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.570

Site Details

Site Chosen By:

Form A: County Parish Cadastre
Licensed: UNKNOWN

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616488.000
Easting: 345580.000

Latitude: 30°34'26.9"S
Longitude: 151°23'22.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	47.30	155			Rotary Air
1	1	Casing	Pvc Class 9	-0.30	47.30	140	128		Seated on Bottom, Riveted
1	1	Opening	Slots - Horizontal	27.40	47.30	140		0	Sawn, PVC Class 9, SL: 50.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
42.70	45.10	2.40	Unknown	18.30		0.51		01:00:00	0.50
45.10	47.30	2.20	Unknown			0.57			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil - granite	Topsoil	
0.30	12.20	11.90	granite/soft and grey	Granite	
12.20	27.40	15.20	granite/hard blue	Granite	
27.40	47.30	19.90	granite/weathered blue grey	Granite	

Remarks

07/06/2002: Form A Remarks:
checked the bore location in the GIS

Casing method of fixing - glued and riveted.
type of casing bottom - open end.

water entry desing - casing hand sawn slot
fixing code - glued and riveted.

***** End of GW965779 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW965853

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status: New Bore

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 30/08/2002

Final Depth: 61.00 m
Drilled Depth: 61.00 m

Contractor Name: John Vincent Keen

Driller: John Vincent Keen

Assistant Driller:

Property:

Standing Water Level 19.800
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 1.390

Site Details

Site Chosen By:

County: HARDINGE
Parish: MORSE
Cadastre: 1/528367
Form A: Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6613980.000
Easting: 342084.000

Latitude: 30°35'46.7"S
Longitude: 151°21'10.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	61.00	155			Rotary Air

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
50.30	51.80	1.50	Unknown	19.80		0.38		01:00:00	0.50
56.40	57.90	1.50	Unknown			1.01			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	61.00	61.00	granite rock/bluepink	Granite	

Remarks

30/08/2002: Form A Remarks:

the bore is not cased.

150m north of the current bore a test bore is drilled without any water bearing (ie. dry bore) and then back filled using drilled cutting.

***** End of GW965853 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW965854

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore open thru rock

Work Status: Filled

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 23/08/2002

Final Depth: 61.00 m
Drilled Depth: 61.00 m

Contractor Name: John Vincent Keen

Driller: John Vincent Keen

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County

Parish
UNKNOWN

Cadastre

Form A:
Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6614150.000
Easting: 342064.000

Latitude: 30°35'41.2"S
Longitude: 151°21'09.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	61.00	155			Rotary Air

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	61.00	61.00	hardgranite	Granite	

Remarks

23/08/2002: Form A Remarks:
a test bore is drilled and was dry without water bearing.

the bore is backfilled the entire 61m with the drilled cutting.

***** End of GW965854 *****

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DRAFT

WaterNSW

Work Summary

GW966189

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Filled

Construct.Method: Rotary

Owner Type:

Commenced Date:
Completion Date: 26/02/1995

Final Depth: 40.80 m
Drilled Depth: 40.80 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: HARDINGE
Licensed:

Parish
HONEYSUCKLE

Cadastre
LT127 DP753661

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617094.000
Easting: 337773.000

Latitude: 30°34'03.5"S
Longitude: 151°18'30.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	40.80	155			Rotary Air

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	TOPSOIL	Topsoil	
0.30	4.50	4.20	SAND	Sand	
4.50	40.80	36.30	rock	Rock	

*** End of GW966189 ***

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DRAFT

WaterNSW Work Summary

GW966255

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: New Bore

Construct.Method: Rotary - Air/Foam

Owner Type: Private

Commenced Date:
Completion Date: 10/02/2004

Final Depth: 32.00 m
Drilled Depth: 32.00 m

Contractor Name: Francis Arthur RANDALL

Driller: Francis Arthur Randall

Assistant Driller:

Property:

Standing Water Level 12.000
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 1.510

Site Details

Site Chosen By:

County Parish Cadastre
Form A: UNKNOWN
Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6613891.000
Easting: 373520.000

Latitude: 30°36'03.1"S
Longitude: 151°40'50.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	32.00	165			Rotary - Air/Foam
1	1	Casing	Pvc Class 9	-0.30	32.00	135	127		Seated on Bottom, Other, Screwed and Glued
1	1	Opening	Slots - Diagonal	23.00	29.00	135		0	Casing - Machine Slotted, PVC Class 9, SL: 100.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
23.00	29.00	6.00	Unknown	12.00		1.51		02:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	dark top soil	Topsoil	
1.00	2.00	1.00	red ironstone	Ironstone	
2.00	11.00	9.00	dry clay	Clay	
11.00	18.00	7.00	dark basalt	Basalt	

18.00	29.00	11.00	fractured water bearing basalt	Invalid Code	
29.00	32.00	3.00	dark hard basalt	Basalt	

Remarks

10/02/2004: Form A Remarks:
casing bottom open end

water entry design of glued and screwed.

***** End of GW966255 *****

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DRAFT

WaterNSW

Work Summary

GW966472

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Filled

Construct.Method: Rotary - Air/Foam

Owner Type: Private

Commenced Date:
Completion Date: 03/03/2004

Final Depth: 64.00 m
Drilled Depth: 64.00 m

Contractor Name: FRED RANDALL
Driller: Francis Arthur Randall
Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
BUTLER

Cadastre
LT29 DP755811

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617858.000
Easting: 367523.000

Latitude: 30°33'51.9"S
Longitude: 151°37'07.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	64.00	165			Rotary - Air/Foam

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	topsoil	Topsoil	
2.00	26.00	24.00	red clay	Clay	
26.00	44.00	18.00	basalt	Basalt	
44.00	64.00	20.00	basalt	Basalt	

*** End of GW966472 ***

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DRAFT

WaterNSW

Work Summary

GW966716

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Final Depth: 15.00 m

Completion Date:

Drilled Depth: 15.00 m

Contractor Name:

Driller: Unknown Unknown

Assistant Driller:

Property:

Standing Water Level (m):

GWMA:

Salinity Description:

GW Zone:

Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Form A: SANDON
Licensed:

Parish: ARDING

Cadastre: LT14 DP250680

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617710.000
Easting: 359480.000

Latitude: 30°33'53.4"S
Longitude: 151°32'05.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	15.00	0			(Unknown)

Remarks

16/12/2009: Updated details as per existing data.

*** End of GW966716 ***

DRAFT

WaterNSW

Work Summary

GW966717

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Hand Dug

Owner Type:

Commenced Date:

Completion Date:

Final Depth: 15.00 m

Drilled Depth:

Contractor Name:

Driller: Unknown Unknown

Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
LT14 DP250680

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6617648.000
Easting: 359431.000

Latitude: 30°33'55.4"S
Longitude: 151°32'03.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Remarks

26/07/2004: Form A Remarks:
windmill to tank is 15 metres.

*** End of GW966717 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW966976

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:

Completion Date:

Final Depth: 50.00 m

Drilled Depth:

Contractor Name:

Driller: Unknown Unknown

Assistant Driller:

Property:

GWMA:

GW Zone:

Standing Water Level
(m):

Salinity Description:

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
LT1 DP705136

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: (Unknown)

Northing: 6611546.000
Easting: 357793.000

Latitude: 30°37'12.9"S
Longitude: 151°30'58.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	50.00	150			(Unknown)

*** End of GW966976 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW967037

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type: Private

Commenced Date:

Completion Date:

Final Depth:

Drilled Depth:

Contractor Name:

Driller: Unknown Unknown

Assistant Driller:

Property:

GWMA:

GW Zone:

Standing Water Level
(m):

Salinity Description:

Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
1 739872

Region: 90 - Barwon

River Basin: - Unknown
Area/District:

CMA Map:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616756.000
Easting: 358836.000

Latitude: 30°34'24.1"S
Longitude: 151°31'40.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Remarks

16/12/2009: Reviewed data - nothing to update.

*** End of GW967037 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW967147

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:

Construct.Method: Rotary - Percussion (Down Hole Hammer)

Owner Type:

Commenced Date:

Completion Date: 19/08/2005

Final Depth: 26.00 m

Drilled Depth: 26.00 m

Contractor Name: GRICKS DRILLING

Driller: Glenn Joseph Gricks

Assistant Driller:

Property:

Standing Water Level 10.700 (m):

GWMA:

Salinity Description:

GW Zone:

Yield (L/s): 0.400

Site Details

Site Chosen By:

Form A: County SANDON Parish ARMIDALE Cadastre 5 868371
Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown

Grid Zone:

Area/District:

Scale:

Elevation: 0.00 m (A.H.D.)

Northing: 6620085.000

Latitude: 30°32'42.0"S

Elevation Source: Unknown

Easting: 373920.000

Longitude: 151°41'08.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	200			Rotary Air
1		Hole	Hole	6.00	26.00	165			Rotary - Percussion (Down Hole Hammer)
1		Annulus	Waterworn/Rounded	21.40	26.00				Graded, Q:50.000m3
1	1	Casing	Pvc Class 18	-0.80	23.00	60			Seated on Bottom, Screwed
1	1	Opening	Slots	23.00	26.00	60		0	Casing - Perforated in hole, PVC Class 18

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.00	26.00	2.00	Unknown	10.70		0.40		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	topsoil	Topsoil	
2.00	7.00	5.00	clay	Clay	
7.00	23.00	16.00	shale	Shale	

23.00	26.00	3.00	wacke	Invalid Code	
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***** End of GW967147 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW967148

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:

Construct.Method: Rotary - Percussion (Down Hole Hammer)

Owner Type:

Commenced Date:
Completion Date: 18/08/2005

Final Depth: 26.00 m
Drilled Depth: 26.00 m

Contractor Name: GRICKS DRILLING
Driller: Glenn Joseph Gricks
Assistant Driller:

Property:

Standing Water Level 14.530 (m):
Salinity Description:
Yield (L/s): 0.600

GWMA:
GW Zone:

Site Details

Site Chosen By:

Form A: County SANDON Parish ARMIDALE Cadastre 5 868371
Licensed:

Region: 90 - Barwon
River Basin: - Unknown
Area/District:

CMA Map:
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6620130.000
Easting: 373993.000

Latitude: 30°32'40.6"S
Longitude: 151°41'10.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	200			Rotary Air
1		Hole	Hole	6.00	26.00	165			Rotary - Percussion (Down Hole Hammer)
1		Annulus	Waterworn/Rounded	21.40	26.00				Graded, Q:25.000m3
1	1	Casing	Pvc Class 18	-0.80	26.00	60			Seated on Bottom, Screwed
1	1	Opening	Slots	23.00	26.00	60		0	Casing - Machine Slotted, PVC Class 18

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
23.00	26.00	3.00	Unknown	14.53		0.60		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	topsoil	Topsoil	
1.00	16.00	15.00	clay	Clay	
16.00	23.00	7.00	clay	Clay	

23.00	26.00	3.00	wacke	Invalid Code	
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***** End of GW967148 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW967149

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:

Construct.Method: Rotary - Percussion (Down Hole Hammer)

Owner Type:

Commenced Date:
Completion Date: 17/08/2005

Final Depth: 10.00 m
Drilled Depth: 10.00 m

Contractor Name: GRICKS DRILLING
Driller: Glenn Joseph Gricks
Assistant Driller:

Property:

Standing Water Level 2.700 (m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish ARMIDALE Cadastre 5 868371
Form A: Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6620499.000
Easting: 374042.000

Latitude: 30°32'28.6"S
Longitude: 151°41'12.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	200			Rotary Air
1		Hole	Hole	6.00	10.00	165			Rotary - Percussion (Down Hole Hammer)
1		Annulus	Waterworn/Rounded	6.00	10.00				Graded, Q:50.000m3
1	1	Casing	Pvc Class 18	-0.80	10.00	60			Seated on Bottom, Screwed
1	1	Opening	Slots	7.00	10.00	60		0	Casing - Machine Slotted, PVC Class 18

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
8.00	10.00	2.00	Unknown	2.70		0.40		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	2.00	2.00	topsoil	Topsoil	
2.00	3.00	1.00	clay	Clay	
3.00	7.00	4.00	granite	Granite	

7.00	10.00	3.00	clay	Clay	
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***** End of GW967149 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW967220

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary - Percussion (Down Hole Hammer)

Owner Type:

Commenced Date:
Completion Date: 13/10/2004

Final Depth: 60.00 m
Drilled Depth: 60.00 m

Contractor Name: Mannion Drilling Pty Ltd

Driller: Shane Lucas Cox

Assistant Driller:

Property:

Standing Water Level (m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
TIVERTON

Cadastre
A 390824

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6610646.000
Easting: 378733.000

Latitude: 30°37'50.4"S
Longitude: 151°44'04.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	60.00	165			Rotary - Percussion (Down Hole Hammer)

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil	Topsoil	
0.30	9.00	8.70	clay	Clay	
9.00	12.00	3.00	granite	Granite	
12.00	24.00	12.00	granite	Granite	
24.00	48.00	24.00	granite	Granite	
48.00	60.00	12.00	granite	Granite	

*** End of GW967220 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW967234

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): DOMESTIC, FARMING

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 03/03/1997

Final Depth: 19.00 m
Drilled Depth: 19.00 m

Contractor Name: NEW ENGLAND DRILLING
COMPANY
Driller: Unknown Unknown

Assistant Driller:

Property:

Standing Water Level 6.000
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
10 250680

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6618403.000
Easting: 359435.000

Latitude: 30°33'30.9"S
Longitude: 151°32'03.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	19.00	150			Rotary
1	1	Casing	Steel	0.00	19.00	150			Welded

*** End of GW967234 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW967384

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary

Owner Type: Private

Commenced Date:
Completion Date: 11/01/2006

Final Depth: 76.20 m
Drilled Depth: 76.20 m

Contractor Name: Drillwell Construction

Driller:

Assistant Driller:

Property:

Standing Water Level 9.750
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
166 755807

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619040.000
Easting: 361160.000

Latitude: 30°33'10.9"S
Longitude: 151°33'08.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	76.20	0			Rotary
1	1	Casing	Stainless Steel	0.00	21.00				
1	1	Casing	P.V.C.	0.00	76.20				

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	topsoil	Topsoil	
0.30	2.43	2.13	clay	Clay	
2.43	15.24	12.81	clays	Clay	
15.24	21.33	6.09	clay with gravel bands	Clay	
21.33	24.99	3.66	granite	Granite	
24.99	76.20	51.21	shale	Shale	

*** End of GW967384 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW967722

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:
Completion Date: 01/01/2003

Final Depth: 300.00 m
Drilled Depth:

Contractor Name:

Driller: Unknown Unknown

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: HARDINGE
Parish: HONEYSUCKLE
Cadastre: 1 801198
Form A: Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6612265.000
Easting: 335679.000

Latitude: 30°36'39.3"S
Longitude: 151°17'08.9"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	300.00	152			(Unknown)

*** End of GW967722 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW967764

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method: Rotary Air

Owner Type:

Commenced Date:
Completion Date: 28/07/2006

Final Depth: 66.00 m
Drilled Depth: 66.00 m

Contractor Name: FRED RANDALL
Driller: Francis Arthur Randall
Assistant Driller:

Property:

Standing Water Level: 11.000 (m)

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

Form A: County: HARDINGE Parish: MORSE Cadastre: 1 108759
Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616775.000
Easting: 338845.000

Latitude: 30°34'14.4"S
Longitude: 151°19'10.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	66.00	165			Rotary Air
1	1	Casing	Pvc Class 9	-0.30	6.00				Driven into Hole

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
25.00	26.00	1.00	Unknown	11.00				03:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	topsoil	Topsoil	
1.00	12.00	11.00	granite	Granite	
12.00	16.00	4.00	granite	Granite	
16.00	18.00	2.00	granite	Granite	
18.00	19.00	1.00	granite	Granite	
19.00	25.00	6.00	granite	Granite	

25.00	26.00	1.00	water bearing granite	Invalid Code	
26.00	29.00	3.00	granite	Granite	
29.00	66.00	37.00	mica	Invalid Code	

*** End of GW967764 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW967779

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status:

Construct.Method:

Owner Type:

Commenced Date:
Completion Date: 01/11/2001

Final Depth: 33.00 m
Drilled Depth:

Contractor Name:

Driller: Unknown Unknown

Assistant Driller:

Property:

Standing Water Level 3.000
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish SAUMAREZ Cadastre 16 243989
Form A: Licensed:

Region: 90 - Barwon

CMA Map:

River Basin: - Unknown
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6615531.000
Easting: 369536.000

Latitude: 30°35'08.3"S
Longitude: 151°38'21.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: Map Interpre

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	33.00	200			(Unknown)

*** End of GW967779 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW

Work Summary

GW968502

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 05/05/2008

Final Depth: 35.00 m
Drilled Depth: 35.00 m

Contractor Name: Country to Coast Drilling

Driller: Shane William Mills

Assistant Driller: D Lawler

Property:

Standing Water Level 20.000
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.500

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
HARNHAM

Cadastre
166//755829

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6596059.000
Easting: 353355.000

Latitude: 30°45'33.8"S
Longitude: 151°28'04.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.00	195			Rotary Air
1		Hole	Hole	5.00	35.00	175			Down Hole Hammer
1		Annulus	Crushed Aggregate	0.00	5.00	195	140		PL:Poured/Shovelled
1		Annulus	Crushed Aggregate	5.00	19.00	175	140		PL:Poured/Shovelled
1		Annulus	Bentonite	19.00	20.00	175	140		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	20.00	35.00	175	140		Graded, Q:0.300m3, PL:Poured/Shovelled
1	1	Casing	Pvc Class 9	0.00	29.00	140	124		Seated on Bottom, Glued
1	1	Opening	Slots - Vertical	29.00	35.00	140		0	Casing - Hand Sawn Slot, PVC Class 9, Glued, SL: 200.0mm, A: 1.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
29.00	30.00	1.00	Unknown	20.00		0.50		01:30:00	

Drillers Log

From	To	Thickness	Drillers Description	Geological Material	Comments
------	----	-----------	----------------------	---------------------	----------

(m)	(m)	(m)			
0.00	0.20	0.20	Topsoil	Topsoil	
0.20	1.50	1.30	Sandy Clay, tan	Sandy Clay	
1.50	15.00	13.50	Basalt, weathered	Basalt	
15.00	29.00	14.00	Basalt, hard, blue	Basalt	
29.00	30.00	1.00	Basalt, water bearing	Basalt	
30.00	35.00	5.00	Basalt, hard, blue	Basalt	

Remarks

05/05/2008: Form A Remarks:

Nat Carling, 25-Sept-2008: Coordinates based on location map provided with the Form A. 250mm PVC Casing protector was installed.

*** End of GW968502 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW968503

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 25/09/2008

Final Depth: 25.00 m
Drilled Depth: 25.00 m

Contractor Name: Country to Coast Drilling

Driller: Shane William Mills

Assistant Driller: D Lawler

Property:

Standing Water Level 15.000
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.450

Site Details

Site Chosen By:

County SANDON **Parish** HARNHAM **Cadastre** 164//755829
Form A: **Licensed:**

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6595827.000
Easting: 353959.000

Latitude: 30°45'41.6"S
Longitude: 151°28'26.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	2.00	195			Rotary Air
1		Hole	Hole	2.00	25.00	175			Down Hole Hammer
1		Annulus	Concrete	0.00	2.00	195	140		PL:Poured/Shovelled
1		Annulus	Concrete	2.00	9.00	175	140		PL:Poured/Shovelled
1		Annulus	Bentonite	9.00	10.00	175	140		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	10.00	25.00	175	140		Graded, Q:0.400m3, PL:Poured/Shovelled
1	1	Casing	Pvc Class 9	0.00	19.00	140	124		Seated on Bottom, Glued
1	1	Opening	Slots - Vertical	19.00	25.00	140		0	Casing - Hand Sawn Slot, PVC Class 9, Glued, SL: 200.0mm, A: 1.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
19.00	20.00	1.00	Unknown	15.00		0.45		01:30:00	

Drillers Log

From	To	Thickness	Drillers Description	Geological Material	Comments
------	----	-----------	----------------------	---------------------	----------

(m)	(m)	(m)			
0.00	0.20	0.20	Topsoil	Topsoil	
0.20	2.00	1.80	Sandy Clay, tan	Sandy Clay	
2.00	5.00	3.00	Basalt, weathered	Basalt	
5.00	19.00	14.00	Basalt, hard, blue	Basalt	
19.00	20.00	1.00	Basalt, water bearing	Basalt	
20.00	25.00	5.00	Basalt, hard, blue	Basalt	

Remarks

25/09/2008: Form A Remarks:

Nat Carling, 25-Sept-2008: GPS provided by the driller. 250mm PVC Casing Protector was installed.

*** End of GW968503 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW968619

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Filled,Backfilled

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 25/09/2008

Final Depth: 41.00 m
Drilled Depth: 41.00 m

Contractor Name: Francis Arthur RANDALL

Driller: Francis Arthur Randall

Assistant Driller:

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish ARDING Cadastre 81//1064069
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616324.000
Easting: 358555.000

Latitude: 30°34'38.0"S
Longitude: 151°31'29.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	41.00	170			Rotary Air
1		Backfill	Drilled Cuttings	0.00	41.00	170			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	6.00	6.00	Topsoil, brown	Topsoil	
6.00	11.00	5.00	Basalt, weathered	Basalt	
11.00	34.00	23.00	Basalt, light, powdered	Basalt	
34.00	41.00	7.00	Basalt, hard, dark	Basalt	

Remarks

25/09/2008: Form A Remarks:
Nat Carling, 28-Jan-2009: Coordinates based on location map provided with the Form A.

*** End of GW968619 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW968891

Licence:

Licence Status:

Authorised Purpose(s):

Intended Purpose(s): STOCK, DOMESTIC, FARMING

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:

Completion Date: 28/10/2008

Final Depth: 76.00 m

Drilled Depth: 76.00 m

Contractor Name: Drillwell Construction

Driller: Alec Linton

Assistant Driller: R Gillies

Property:

Standing Water Level 9.400
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.080

Site Details

Site Chosen By:

Form A: SANDON
Licensed:

County: SANDON

Parish: URALLA

Cadastre: 1/836597

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6605004.000
Easting: 359144.000

Latitude: 30°40'45.9"S
Longitude: 151°31'46.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	9.10	170			Rotary Air
1		Hole	Hole	9.10	76.00	160			Down Hole Hammer
1	1	Casing	Steel - Erw	-0.60	9.10	168	158		Suspended in Clamps, Welded - Butt
1	1	Casing	Pvc Class 9	-0.30	18.20	140	129		Suspended in Clamps, Riveted and Glued, S: 18.20-76.00m

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
18.00	18.20	0.20	Unknown	9.40		0.08		02:00:00	570.24

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	8.50	8.50	Sands, granite sands	Sand	
8.50	76.00	67.50	Granite, grey	Granite	

Remarks

28/10/2008: Form A Remarks:
Nat Carling, 12-Aug-2009: GPS provided by the driller.

*** End of GW968891 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW968898

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Deepened

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 20/02/2009

Final Depth: 117.40 m
Drilled Depth: 117.40 m

Contractor Name: (None)
Driller: John Vincent Keen
Assistant Driller: S V Keen

Property:

Standing Water Level 30.500
 (m):
Salinity Description: Potable
Yield (L/s): 1.080

GWMA:
GW Zone:

Site Details

Site Chosen By:

County SANDON
Parish URALLA
Cadastre 2/245208

Region: 90 - Barwon
River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9136-1S
Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6604920.000
Easting: 355378.000

Latitude: 30°40'47.0"S
Longitude: 151°29'24.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.10	254			Rotary Air
1		Hole	Hole	6.10	117.40	155			Rotary Air
1		Hole	Hole	117.40	147.90	120			Rotary Air
1		Annulus	Waterworn/Rounded	0.00	6.10	254	140		Graded, Q:0.100m3
1		Annulus	Waterworn/Rounded	108.20	117.40	155	75		Graded, Q:0.110m3
1		Backfill	Gravel	133.20	142.60	120			
1		Backfill	Drilled Cuttings	142.60	147.90	120			
1	1	Casing	Galvinised Steel	-0.30	127.70	114	7		Other, Welded - Butt
1	1	Casing	Pvc Class 9	-0.30	108.20	140	126		Riveted and Glued
1	1	Casing	Pvc Class 9	-0.30	6.10	214	200		Driven into Hole, Riveted and Glued
1	1	Opening	Slots - Horizontal	71.60	77.70	140		0	Mechanically Slotted, PVC Class 9, Riveted and Glued, SL: 300.0mm, A: 2.00mm
1	1	Opening	Slots - Horizontal	83.80	96.00	140		0	Mechanically Slotted, PVC Class 9, Riveted and Glued, SL: 300.0mm, A: 2.00mm
1	1	Opening	Slots - Horizontal	95.40	101.50	114	100	0	Oxy-Acetylene Slotted, Galvenised Steel, Welded - Butt, SL: 200.0mm, A: 2.00mm
1	1	Casing	Pvc Class 12	108.20	114.30	140	126		Riveted and Glued

1	1	Opening	Slots - Horizontal	108.20	114.30	140		0	Mechanically Slotted, PVC Class 12, Riveted and Glued, SL: 50.0mm, A: 0.80mm
1	1	Casing	Pvc Class 9	114.30	117.40	140	126		Seated on Bottom, Riveted and Glued
1	1	Casing	Steel Stainless 304	118.20	121.20	75	67		Other, Other
1	1	Opening	Slots - Horizontal	118.20	121.00	114	100	0	Oxy-Acetylene Slotted, Galvanised Steel, Welded - Butt, SL: 200.0mm, A: 1.50mm
1	1	Opening	Screen - Wedge Wire	118.20	121.20	75	67	0	Stainless Steel 304, Other, A: 0.20mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
73.20	80.20	7.00	Unknown	30.50		0.25		01:00:00	
80.20	106.10	25.90	Unknown			0.83			
138.70	141.80	3.10	Unknown	28.30		2.50			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.60	0.60	Topsoil	Topsoil	
0.60	6.10	5.50	Clay/Sand	Clay	
6.10	9.45	3.35	Sand, granite/blue Granite	Sand	
9.45	73.20	63.75	Granite, blue	Granite	
73.20	80.20	7.00	Granite	Granite	
80.20	106.10	25.90	Granite, blue	Granite	
106.10	112.30	6.20	Granite, brown, fine Mica	Granite	
112.30	117.40	5.10	Granite, brown, fine Mica, Sandy Clay	Granite	
117.40	143.30	25.90	Granite; blue, fine/medium grained	Granite	
143.30	147.90	4.60	Granite/Sand; blue, fine grained	Granite	

Remarks

20/02/2009: Form A Remarks:

Nat Carling, 17-Aug-2009: Coordinates based on location map provided with the Form A. Driller has noted "PVC Class 12 was supplied by owner. Gravel for packing also supplied by owner".

23/04/2015: Nat Carling, 23-Apr-2015; Construction & aquifer details updated, as this bore has been deepened by DL: 1635 on 18/12/14. All details were taken from supplied Form-A from the driller.

*** End of GW968898 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW969050

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC, IRRIGATION

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 01/07/1985

Final Depth: 15.00 m
Drilled Depth: 15.00 m

Contractor Name: (None)

Driller: Unkown Unknown

Assistant Driller:

Property:

Standing Water Level 10.000
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish ARDING Cadastre 15//789146
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6618383.000
Easting: 359433.000

Latitude: 30°33'31.5"S
Longitude: 151°32'03.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	15.00	150			(Unknown)
1	1	Casing	Steel	0.00	3.00	150			
1	1	Casing	P.V.C.	0.00	15.00	150			
1	1	Opening	Slots	5.00	15.00	150		0	PVC, ()

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.00	15.00	10.00	Unknown	10.00					

Remarks

01/07/1985: Form A Remarks:

Nat Carling, 14-Dec-2009: All details were provided by current owner, completion date provided was '1985'.

*** End of GW969050 ***

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DRAFT

WaterNSW

Work Summary

GW969053

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Auger - Solid Flight

Owner Type: Other Govt

Commenced Date:
Completion Date: 16/07/2008

Final Depth: 6.00 m
Drilled Depth: 6.00 m

Contractor Name: Groundtruth Pty Ltd

Driller: Simon Carl Lott

Assistant Driller: Paul Owen

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARDING
Cadastre: 1/109536
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617675.000
Easting: 361711.000

Latitude: 30°33'55.5"S
Longitude: 151°33'28.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	100			Auger - Solid Flight
1		Annulus	Bentonite	0.00	3.50	100	60		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	3.50	6.00	100	60		Graded, PL:Poured/Shovelled
1	1	Casing	Pvc Class 18	-0.70	3.00	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	3.00	6.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, SL: 60.0mm, A: 0.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.00	6.00	3.00	Unknown						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil, black, 10% mustard clay	Topsoil	
1.00	4.00	3.00	Clay, mustard/gold, grey mottled	Clay	

4.00	5.50	1.50	Clay, grey/silty gold, crimson mottles	Clay	
5.50	6.00	0.50	Clay, grey, crimson mottles, rock, refusal	Clay	

Remarks

16/07/2008: Form A Remarks:

Nat Carling 14-Dec-2009: All details taken from Form A & geologist log. Coordinates provided were adjusted based on the authorised land, were provided as E: 361710.843, N: 6612675.071, Z: 55.

***** End of GW969053 *****

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DRAFT

WaterNSW

Work Summary

GW969054

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Auger - Solid Flight

Owner Type: Other Govt

Commenced Date:
Completion Date: 16/07/2008

Final Depth: 7.00 m
Drilled Depth: 7.00 m

Contractor Name: Groundtruth Pty Ltd

Driller: Simon Carl Lott

Assistant Driller: Paul Owen

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
1/109536

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617772.000
Easting: 361897.000

Latitude: 30°33'52.4"S
Longitude: 151°33'35.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	7.00	100			Auger - Solid Flight
1		Annulus	Bentonite	0.00	4.00	100	60		
1		Annulus	Waterworn/Rounded	4.00	7.00	100	60		Graded, PL:Poured/Shovelled
1	1	Casing	Pvc Class 18	-0.70	4.00	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	4.00	7.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, SL: 60.0mm, A: 0.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.00	7.00	4.00	Unknown						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil, dark brown	Topsoil	
1.00	3.00	2.00	Soil, light brown 40%, ironstone 20%,	Soil	

			brown clay 20%		
3.00	6.00	3.00	Clay, brown, crimson, gold, grey mottles	Clay	
6.00	7.00	1.00	Silty Clay, grey, rock, refusal	Silty Clay	

Remarks

16/07/2008: Form A Remarks:

Nat Carling 14-Dec-2009: All details taken from Form A & geologist log. Coordinates provided were adjusted based on the authorised land, were provided as E: 360897.214, N: 612771.946, Z: 55.

***** End of GW969054 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW969055

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Auger - Solid Flight

Owner Type: Other Govt

Commenced Date:
Completion Date: 16/07/2008

Final Depth: 6.00 m
Drilled Depth: 6.00 m

Contractor Name: Groundtruth Pty Ltd

Driller: Simon Carl Lott

Assistant Driller: Paul Owen

Property:

Standing Water Level
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARDING
Cadastre: 1/109536
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617675.000
Easting: 361711.000

Latitude: 30°33'55.5"S
Longitude: 151°33'28.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.00	100			Auger - Solid Flight
1		Annulus	Bentonite	0.00	3.50	100	60		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	3.50	6.00	100	60		Graded, PL:Poured/Shovelled
1	1	Casing	Pvc Class 18	-0.70	3.00	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	3.00	6.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, SL: 60.0mm, A: 0.50mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
3.00	6.00	3.00	Unknown						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Topsoil, grey/black, ironstone mottles	Topsoil	
1.00	2.00	1.00	Clay, soil rust 20%, grey clay 40%	Clay	

			ironstone 40%	
2.00	5.00	3.00	Silty Clay, ochre, gold mottles	Silty Clay
5.00	6.00	1.00	Clay, grey, gold/crimson mottles, rock refusal	Clay

Remarks

16/07/2008: Form A Remarks:

Nat Carling 14-Dec-2009: All details taken from Form A & geologist log. Coordinates provided were adjusted based on the authorised land, were provided as E: 361710.843, N: 6612675.071, Z: 55.

*** End of GW969055 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW969182

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 11/01/2006

Final Depth: 85.26 m
Drilled Depth: 85.26 m

Contractor Name: Drillwell Construction

Driller: Alec Linton

Assistant Driller:

Property:

Standing Water Level 1.524
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 2.830

Site Details

Site Chosen By:

County SANDON Parish SAUMAREZ Cadastre 74/4356
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6614550.000
Easting: 376389.000

Latitude: 30°35'42.7"S
Longitude: 151°42'38.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	85.26	180			Rotary Air
1	1	Casing	Steel - Erw	-0.60	15.24	168	155		Driven into Hole, Welded - Butt
1	1	Casing	Pvc Class 12	0.00	85.24	160	151		Driven into Hole, Glued
1	1	Opening	Slots - Vertical	15.29	24.38	160		0	PVC Class 12, Glued, SL: 3.0mm, A: 4.00mm
1	1	Opening	Slots - Vertical	42.67	54.86	160	152	0	PVC Class 12, Glued, SL: 3.0mm, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
0.00	15.24	15.24	Unknown			0.29		00:05:00	
15.24	45.72	30.48	Unknown			2.05		00:05:00	
45.72	85.36	39.64	Unknown	1.52		2.84		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.61	0.61	Topsoil, black	Topsoil	

0.61	2.44	1.83	Clay & Granite Sand	Clay	
2.44	15.24	12.80	Sand, granite	Sand	
15.24	60.90	45.66	Shale	Shale	
60.90	85.26	24.36	Basalt	Basalt	

Remarks

21/12/2005: Form A Remarks:

Nat Carling, 2-Feb-2010: All details were taken from a driller's log, requested Form A from the driller. Coordinates based on location map provided by owner.

19/05/2010: Nat Carling, 19-May-2010: Updated details, as provided on driller's Form A.

***** End of GW969182 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW969183

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 04/02/2009

Final Depth: 86.30 m
Drilled Depth: 86.30 m

Contractor Name: (None)
Driller: John Vincent Keen
Assistant Driller: SV Keen

Property:

Standing Water Level 4.600
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 2.300

Site Details

Site Chosen By:

County: HARDINGE
Parish: BALALA
Cadastre: 1/902156

Region: 90 - Barwon

CMA Map: 9136-1N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6611740.000
Easting: 342935.000

Latitude: 30°36'59.9"S
Longitude: 151°21'41.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	12.80	200			Rotary Air
1		Hole	Hole	12.80	86.30	155			Rotary Air
1	1	Casing	Pvc Class 9	-0.30	85.40	140	126		Driven into small hole, Riveted and Glued
1	1	Casing	Steel	-0.30	12.80	184	170		Driven into Hole, Welded - Butt
1	1	Opening	Slots - Horizontal	12.20	18.30	140		0	Mechanically Slotted, PVC Class 9, Riveted and Glued, SL: 300.0mm, A: 2.00mm
1	1	Opening	Slots - Horizontal	61.00	67.10	140		0	Mechanically Slotted, PVC Class 9, Riveted and Glued, SL: 300.0mm, A: 2.00mm
1	1	Opening	Slots - Horizontal	73.20	79.30	140		0	Mechanically Slotted, PVC Class 9, Riveted and Glued, SL: 300.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.40	24.70	18.30	Unknown	4.60				01:00:00	
26.80	86.30	59.50	Unknown			2.30			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.90	0.90	Topsoil	Topsoil	
0.90	6.40	5.50	Clay/coarse Granite Sand	Clay	
6.40	15.90	9.50	Sand, coarse, granite	Sand	
15.90	24.70	8.80	Granite, hard/soft	Granite	
24.70	86.30	61.60	Granite, blue	Granite	

Remarks

04/02/2009: Form A Remarks:

Nat Carling, 2-Feb-2010: Coordinates based on location map provided with the Form A.

*** End of GW969183 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW969301

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 10/11/2009

Final Depth: 22.00 m
Drilled Depth: 22.00 m

Contractor Name: Drillwell Construction

Driller: Alec Linton

Assistant Driller: R Gillies

Property:

Standing Water Level 7.900
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.620

Site Details

Site Chosen By:

County SANDON Parish ARMIDALE Cadastre 6/249153
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6620826.000
Easting: 368520.000

Latitude: 30°32'15.9"S
Longitude: 151°37'45.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	3.00	180			Rotary Air
1		Hole	Hole	3.00	22.00	160			Down Hole Hammer
1	1	Casing	Steel - Erw	-0.50	3.00	168	158		
1	1	Casing	Pvc Class 9	0.00	22.00	140	129		Seated on Bottom, Riveted and Glued, S: 15.00-22.00m
1	1	Opening	Slots - Vertical	9.00	22.00	140		0	Casing - Hand Sawn Slot, PVC Class 9, Riveted and Glued, SL: 300.0mm, A: 4.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
14.30	15.00	0.70	Unknown	7.90		0.62		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.50	1.50	Clay, black	Clay	

1.50	4.50	3.00	Clay, grey	Clay	
4.50	9.10	4.60	Clay, Loamy/Gravel	Clay	
9.10	15.10	6.00	Granite, weathered	Granite	

Remarks

10/11/2009: Form A Remarks:

Nat Carling, 19-July-2010: GPS provided by the driller.

***** End of GW969301 *****

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DRAFT

WaterNSW Work Summary

GW969614

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Down Hole Hammer

Owner Type: Local Govt

Commenced Date:
Completion Date: 01/07/2010

Final Depth: 11.00 m
Drilled Depth: 11.00 m

Contractor Name: Mannion Drilling

Driller: Daniel Grant Baldwin

Assistant Driller: Luke Theis & Joseph Simpson

Property:

Standing Water Level 6.390
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.004

Site Details

Site Chosen By:

County SANDON
Parish HARNHAM
Cadastre 290//42062

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6596158.000
Easting: 351079.000

Latitude: 30°45'29.6"S
Longitude: 151°26'38.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	11.00	150			Down Hole Hammer
1		Annulus	Grout	0.00	4.20	150	60		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	4.20	4.50	150	60		Graded, PL:Poured/Shovelled
1		Annulus	Bentonite	4.50	5.50	150	60		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	5.50	11.00	150	60		Graded, PL:Poured/Shovelled
1	1	Casing	Pvc Class 18	-0.90	8.00	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	8.00	11.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, A: 0.40mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.00	10.00	5.00	Unknown	6.39					

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments

0.00	0.10	0.10	Topsoil	Topsoil	
0.10	3.00	2.90	Clay, heavy, light brown, mottled orangey, mod moist, very plastic	Clay	
3.00	5.00	2.00	Grantie, weathered & med Clay, light brown, mod moist, very plasticity	Granite	
5.00	10.00	5.00	Grantie, weathered, & few Clay, dark brown, moist	Granite	
10.00	11.00	1.00	Granite, dry	Granite	

Remarks

01/07/2010: Form A Remarks:

Nat Carling, 8-Nov-2010: GPS provided by the driller/consultant.

*** End of GW969614 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW969615

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Down Hole Hammer

Owner Type: Local Govt

Commenced Date:
Completion Date: 01/07/2010

Final Depth: 16.00 m
Drilled Depth: 24.00 m

Contractor Name: Mannion Drilling Pty Ltd

Driller: Daniel Grant Baldwin

Assistant Driller: Luke Theis & Joseph Simpson

Property:

Standing Water Level 8.250
 (m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s): 0.020

Site Details

Site Chosen By:

County SANDON
Parish HARNHAM
Cadastre 290//42062

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6596110.000
Easting: 351054.000

Latitude: 30°45'31.2"S
Longitude: 151°26'37.7"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	24.00	150			Down Hole Hammer
1		Annulus	Grout	0.00	5.70	150	60		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	5.70	6.00	150	60		Graded, PL:Poured/Shovelled
1		Annulus	Bentonite	6.00	7.00	150	60		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	7.00	16.00	150	60		Graded, PL:Poured/Shovelled
1		Backfill	Drilled Cuttings	16.00	24.00	150			
1	1	Casing	Pvc Class 18	-0.90	10.00	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	10.00	16.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, A: 0.40mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.00	16.00	11.00	Unknown	8.25		0.02			

Drillers Log

From	To	Thickness	Drillers Description	Geological Material	Comments
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(m)	(m)	(m)			
0.00	0.10	0.10	Topsoil	Topsoil	
0.10	3.00	2.90	Clay, heavy, brown, mod moist, very plastic	Clay	
3.00	5.00	2.00	Granite, weathered & med Clay, light brown, mod moist, very plastic	Granite	
5.00	13.00	8.00	Granite, weathered & med Clay, light brown, moist, very plastic	Granite	
13.00	24.00	11.00	Granite, weathered, moist, final granite lense	Granite	

Remarks

01/07/2010: Form A Remarks:
 Nat Carling, 8-Nov-2010: GPS provided by driller/consultant.

*** End of GW969615 ***

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DRAFT

WaterNSW Work Summary

GW969616

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Abandoned,Backfilled

Construct.Method: Down Hole Hammer

Owner Type: Local Govt

Commenced Date:
Completion Date: 01/07/2010

Final Depth: 24.00 m
Drilled Depth: 24.00 m

Contractor Name: Mannion Drilling Pty Ltd
Driller: Daniel Grant Baldwin
Assistant Driller: Luke Theis & Joseph Simpson

Property:

Standing Water Level (m):
Salinity Description:
Yield (L/s):

GWMA:
GW Zone:

Site Details

Site Chosen By:

County: SANDON
Parish: HARNHAM
Cadastre: RD ADJ 295//42062

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6596113.000
Easting: 351051.000

Latitude: 30°45'31.1"S
Longitude: 151°26'37.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	24.00	150			Down Hole Hammer
1		Backfill	Drilled Cuttings	0.00	24.00	150			

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.00	24.00	19.00	Unknown						

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.10	0.10	Topsoil	Topsoil	
0.10	2.50	2.40	Clay, heavy, brown, mod moist, very plastic	Clay	
2.50	5.00	2.50	Grantie, weathered & medium Clay, light brown, mod moist, very plastic	Granite	
5.00	22.00	17.00	Granite, weathered & med Clay, light brown, moist, very plastic	Granite	

22.00	24.00	2.00	Granite, weathered, moist, with band of granite	Granite	
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Remarks

01/07/2010: Form A Remarks:
Nat Carling, 8-Nov-2010: GPS provided by driller/consultant.

***** End of GW969616 *****

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DRAFT

WaterNSW Work Summary

GW969953

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Abandoned

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 24/03/2010

Final Depth: 21.30 m
Drilled Depth: 21.30 m

Contractor Name: (None)

Driller: John Vincent Keen

Assistant Driller:

Property:

Standing Water Level (m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
HARNHAM

Cadastre
267//755829

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6595775.000
Easting: 351285.000

Latitude: 30°45'42.1"S
Longitude: 151°26'46.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	6.10	184			Rotary Air
1		Hole	Hole	6.10	21.30	155			Rotary Air
1	1	Casing	Gab Monitoring Point	-0.30	6.10				
1	1	Casing	Steel	-0.30	6.10	184	170		Driven into Hole, Welded - Butt

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.20	0.90	Ironstone	Ironstone	
1.20	3.70	2.50	Clay	Clay	
3.70	21.30	17.60	Sand, granite sand	Sand	
21.30	21.30	0.00	Sand, hard granite sand	Sand	

Remarks

24/03/2010: Form A Remarks:

Nat Carling, 23-Feb-2012; Bore abandoned, due to foreign object/s dropped into hole by person/s unknown. Driller plans to return to retrieve steel casing at later date. Coordinates based on map provided with the Form-A.

***** End of GW969953 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW969954

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 31/03/2010

Final Depth: 80.20 m
Drilled Depth: 80.20 m

Contractor Name: (None)

Driller: John Vincent Keen

Assistant Driller:

Property:

Standing Water Level 20.700
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.760

Site Details

Site Chosen By:

County SANDON Parish HARNHAM Cadastre 267//755829
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6595790.000
Easting: 351205.000

Latitude: 30°45'41.6"S
Longitude: 151°26'43.2"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	37.80	200			Rotary Air
1		Hole	Hole	37.80	80.20	155			Rotary Air
1	1	Casing	Pvc Class 9	-0.30	68.90	140	126		Riveted and Glued
1	1	Casing	Steel	-0.30	37.80	184	170		Driven into Hole, Welded - Butt
1	1	Casing	Stainless Steel	68.90	74.10	120	106		Riveted
1	1	Opening	Screen - Wedge Wire	68.90	74.10	120		0	Stainless Steel, Riveted, A: 0.50mm
1	1	Casing	Pvc Class 9	74.10	80.20	140	126		Seated on Bottom, Riveted and Glued, S: 74.10-80.20m

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
38.10	38.70	0.60	Unknown	20.70					
39.60	41.20	1.60	Unknown			0.25		01:00:00	
62.20	68.90	6.70	Unknown			0.51			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.80	1.50	Ironstone & Clay	Ironstone Gravel	
1.80	13.90	12.10	Sand, granite sand	Sand	
13.90	39.60	25.70	Granite, weathered	Granite	
39.60	80.20	40.60	Granite, grey	Granite	

Remarks

31/03/2010: Form A Remarks:

Nat Carling, 23-Feb-2012; Coordinates based on location map provided with the Form-A.

*** End of GW969954 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW969958

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Down Hole Hammer

Owner Type: Local Govt

Commenced Date:
Completion Date: 30/06/2010

Final Depth: 13.00 m
Drilled Depth: 13.00 m

Contractor Name: Mannion Drilling

Driller: Daniel Grant Baldwin

Assistant Driller: Luke Theis & Joseph Simpson

Property:

Standing Water Level 10.840
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County SANDON Parish HARNHAM Cadastre 295//44627
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6596021.000
Easting: 351250.000

Latitude: 30°45'34.1"S
Longitude: 151°26'45.0"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	13.00	150			Down Hole Hammer
1		Annulus	Cement	0.00	4.20	150	60		PL:Poured/Shovelled
1		Annulus	Bentonite	4.20	6.00	150	60		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	6.00	13.00	150	60		Graded, PL:Poured/Shovelled
1	1	Casing	Pvc Class 18	-0.90	7.00	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	7.00	13.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, A: 0.40mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
5.00	10.50	5.50	Unknown	10.84					

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.05	0.05	Topsoil	Topsoil	

0.05	2.20	2.15	Clay, heavy, light grey mottled orange, mod moist, very plastic	Clay	
2.20	5.00	2.80	Granite, weathered, light orange, mod moist	Granite	
5.00	10.00	5.00	Granite, weathered, light orange, moist	Granite	
10.00	13.00	3.00	Granite, dry	Granite	

Remarks

30/06/2010: Form A Remarks:
 Nat Carling, 23-Feb-2012; GPS provided by driller/consultant.

*** End of GW969958 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW970227

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hammer

Owner Type: Private

Commenced Date:
Completion Date: 01/07/2011

Final Depth: 54.00 m
Drilled Depth: 54.00 m

Contractor Name: Universal drilling
Driller: Michael Charles Willox
Assistant Driller: Ben Walters

Property:

Standing Water Level 44.000
(m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County: SANDON
Parish: ARMIDALE
Cadastre: 2/745294

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6619235.000
Easting: 368135.000

Latitude: 30°33'07.4"S
Longitude: 151°37'30.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	54.00	150			Down Hole Hammer
1		Annulus	Cement	0.00	1.00	150	115		PL:Poured/Shovelled
1		Annulus	Drill Cuttings	1.00	38.00	150	115		PL:Poured/Shovelled
1		Annulus	Bentonite	38.00	40.00	150	115		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	40.00	54.00	150	115		Graded, PL:Poured/Shovelled
1	1	Casing	Pvc Class 9	0.00	54.00	115	105		Seated on Bottom, Other
1	1	Opening	Slots - Vertical	42.00	54.00	115		0	Casing - Hand Sawn Slot, PVC Class 9, Other, SL: 100.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
48.00	52.00	4.00	Unknown	44.00					

Remarks

12/04/2012: Form A Remarks:

Nat Carling, 6-Sept-2012; No location or completion date was provided on Form-AG. Completion date based on letter from owner to drilling contractor, requesting Form-A to be delivered. Requested Form-A from the drilling contractor. Map sent to owner for true location.
02/10/2012: Nat Carling, 2-oct-2012; Updated coordinates, based on location map received from the owner.
18/07/2013: Nat Carling, 18-July-2013; Updated construction details, as provided by driller (to the best of his knowledge). No strata was able to be provided, as records were stolen from driller's truck.

***** End of GW970227 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW970334

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 10/09/2012

Final Depth: 35.00 m
Drilled Depth: 39.10 m

Contractor Name: (None)

Driller: Samuel Keen

Assistant Driller: DL: 1635 JV Keen

Property:

Standing Water Level 9.200
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 1.010

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARMIDALE

Cadastre
854//755808

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6617683.000
Easting: 368125.000

Latitude: 30°33'57.8"S
Longitude: 151°37'29.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	9.20	220			Rotary Air
1		Hole	Hole	9.20	39.10	177			Rotary Air
1		Annulus	Cement	0.00	9.20	220	178		PL:Tremie Pipe
1		Annulus	Bentonite	23.50	25.50	177	140		PL:Tremie Pipe
1		Annulus	Waterworn/Rounded	25.50	35.00	177	140		Ungraded, PL:Tremie Pipe
1		Backfill	Sand	35.00	39.10	177			
1	1	Casing	Galvinised Steel	-0.30	35.00	140	131		Seated on Bottom, Welded - Collar
1	1	Casing	Other	-0.30	9.20	178	170		Driven into Hole, Welded - Butt
1	1	Casing	Steel Stainless 304	29.00	32.00	130	122		Seated on Bottom, Other, S: 32.00-35.00m
1	1	Opening	Slots - Horizontal	29.00	32.00	140		0	Oxy-Acetylene Slotted, Galvenised Steel, Welded - Collar, SL: 200.0mm, A: 3.00mm
1	1	Opening	Screen - Wedge Wire	29.00	32.00	130		0	Stainless Steel 304, Other, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
24.40	27.50	3.10	Unknown						

27.50	39.10	11.60	Unknown			1.01		01:00:00
34.00	34.00	0.00	Unknown		9.20			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil, fine/coarse mixture, brown	Topsoil	
0.30	1.20	0.90	Shale, brown, fractured	Shale	
1.20	3.00	1.80	Basalt, broken, brown/Clay, brown (semi-weathered)	Basalt	
3.00	4.30	1.30	Basalt, soft, brown, weathered	Basalt	
4.30	24.40	20.10	Basalt, hard, blue/grey	Basalt	
24.40	39.10	14.70	Sand, fine/coarse, blue/grey	Sand	

Remarks

10/09/2012: Form A Remarks:

Nat Carling, 7-Mar-2013; Coordinates based on location map provided by driller. Hole collapsed prior to casing being installed to 35m.

*** End of GW970334 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW970469

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 27/05/2013

Final Depth: 25.00 m
Drilled Depth: 25.00 m

Contractor Name: TAMWORTH DRILLING
Driller: Garry Stanley Strudwick
Assistant Driller: Nigel Hawkins

Property:

Standing Water Level 4.000
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.625

Site Details

Site Chosen By:

County SANDON Parish URALLA Cadastre 1/1133484
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6605140.000
Easting: 357175.000

Latitude: 30°40'40.6"S
Longitude: 151°30'32.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	26.00	175			Rotary Air
1		Annulus	Cement	0.00	2.00	175	110		PL:Poured/Shovelled
1		Annulus	Waterworn/Rounded	2.00	25.00	175	110		Graded, Q:0.500m3, PL:Poured/Shovelled
1	1	Casing	Pvc Class 9	-0.30	25.00	110	102		Seated on Bottom, Glued
1	1	Opening	Slots - Vertical	19.00	25.00	110		0	Mechanically Slotted, PVC Class 9, Other, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
20.00	25.00	5.00	Unknown	4.00		0.63		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	Clay, red	Clay	
3.00	12.00	9.00	Sandy Clay	Sandy Clay	

12.00	20.00	8.00	Sand, granite - clay seams	Sand	
20.00	25.00	5.00	Sand, granite, very fine with mica	Sand	

Remarks

27/05/2013: Form A Remarks:

Nat Carling, 5-Sept-2013; GPS provided by the driller.

07/11/2013: Nat Carling, 7-Nov-2013; Updated coordinates, based on location map provided by the landholder.

***** End of GW970469 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW970520

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Auger - Solid Flight

Owner Type: Private

Commenced Date:
Completion Date: 09/12/2011

Final Depth: 3.00 m
Drilled Depth: 2.50 m

Contractor Name: Groundtruth Pty Ltd

Driller: Simon Carl Lott

Assistant Driller: Hayden Hopley

Property:

Standing Water Level (m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
3//614168

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6608153.000
Easting: 355424.000

Latitude: 30°39'02.0"S
Longitude: 151°29'28.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	3.00	114			Auger - Solid Flight
1		Annulus	Cement	0.00	0.20	114	60		PL:Poored/Shovelled
1		Annulus	Bentonite	0.20	2.00	114	60		PL:Poored/Shovelled
1		Annulus	Waterworn/Rounded	2.00	3.00	114	60		Graded, PL:Poored/Shovelled
1	1	Casing	Pvc Class 18	0.00	2.50	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	2.50	3.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, SL: 40.0mm, A: 0.50mm

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	Sand, Silty; brown, moist	Sand	
0.50	1.00	0.50	Silty Clay; dark brown, dry	Silty Clay	
1.00	1.50	0.50	Silty Clay; grey, moist	Silty Clay	
1.50	2.00	0.50	Sandy Clay; light brown, wet	Sandy Clay	
2.00	2.50	0.50	Clayey Sand; light brown	Clayey Sand	

Remarks

09/12/2011: Form A Remarks:

Nat Carling, 23-Oct-2013; Coordinates based site description provided by drillers log, therefore may vary from actual location.

03/12/2013: Nat Carling, 3-Dec-2013; Attached water licence, as directed.

07/03/2014: Nat Carling, 7-Mar-2014; Updated coordinates based on map provided by owner.

***** End of GW970520 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW970521

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Auger - Solid Flight

Owner Type: Private

Commenced Date:
Completion Date: 09/12/2011

Final Depth: 10.00 m
Drilled Depth: 10.00 m

Contractor Name: Groundtruth Pty Ltd

Driller: Simon Carl Lott

Assistant Driller: Hayden Hopley

Property:

Standing Water Level (m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
3//614168

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6608167.000
Easting: 355402.000

Latitude: 30°39'01.6"S
Longitude: 151°29'27.3"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	10.00	114			Auger - Solid Flight
1		Annulus	Cement	0.00	0.20	114	60		PL:Pooured/Shovelled
1		Annulus	Bentonite	0.20	5.50	114	60		PL:Pooured/Shovelled
1		Annulus	Waterworn/Rounded	5.50	10.00	114	60		Graded, PL:Pooured/Shovelled
1	1	Casing	Pvc Class 18	0.00	6.00	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	6.00	10.00	60		0	Mechanically Slotted, PVC Class 18, Screwed, SL: 40.0mm, A: 0.50mm

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	Clayey Silt; brown, trace gravel, dry	Clayey Silt	
0.50	1.00	0.50	Silty Clay; trace sand, brown-grey, dry, roots	Silty Clay	
1.00	1.50	0.50	Sandy Clay; grey-brown, trace silt, dry	Sandy Clay	
1.50	2.00	0.50	Silty Clay; brown, trace sand, slight odour	Silty Clay	
2.00	10.00	8.00	Sand; light brown, dry	Sand	

Remarks

09/12/2011: Form A Remarks:

Nat Carling, 23-Oct-2013; Coordinates based site description provided by drillers log, therefore may vary from actual location.

03/12/2013: Nat Carling, 3-Dec-2013; Attached water licence, as directed.

07/03/2014: Nat Carling, 7-Mar-2014; Updated coordinates, based on location map provided by owner.

***** End of GW970521 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW970522

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status: Equipped

Construct.Method: Auger - Solid Flight

Owner Type: Private

Commenced Date:
Completion Date: 09/12/2011

Final Depth: 7.50 m
Drilled Depth: 7.50 m

Contractor Name: Groundtruth Pty Ltd

Driller: Simon Carl Lott

Assistant Driller: Hayden Hopley

Property:

Standing Water Level (m):

GWMA:
GW Zone:

Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
URALLA

Cadastre
3//614168

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6608181.000
Easting: 355406.000

Latitude: 30°39'01.1"S
Longitude: 151°29'27.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	7.50	114			Auger - Solid Flight
1		Annulus	Cement	0.00	0.20	114	60		PL:Pooured/Shovelled
1		Annulus	Bentonite	0.20	3.00	114	60		PL:Pooured/Shovelled
1		Annulus	Waterworn/Rounded	3.00	7.50	114	60		Graded, PL:Pooured/Shovelled
1	1	Casing	Pvc Class 18	0.00	3.50	60	50		Seated on Bottom, Screwed
1	1	Opening	Slots - Horizontal	3.50	7.50	60		0	Mechanically Slotted, PVC Class 18, Screwed, SL: 40.0mm, A: 0.50mm

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	Sand, Gravelly; light brown grey, dry	Sand	
0.50	1.00	0.50	Sand, Gravelly; trace silt, brown, dry	Sand	
1.00	1.50	0.50	Sandy Clay; brown-orange, moist	Sandy Clay	
1.50	2.00	0.50	Sandy Clay; trace silt, brown-red, dry	Sandy Clay	
2.00	7.50	5.50	Sand; light brown, dry	Sand	

Remarks

09/12/2011: Form A Remarks:

Nat Carling, 23-Oct-2013; Coordinates based site description provided by drillers log, therefore may vary from actual location.

03/12/2013: Nat Carling, 3-Dec-2013; Attached water licence, as directed.

07/03/2014: Nat Carling, 7-Mar-2014; Updated coordinates, based on location map provided by owner.

***** End of GW970522 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW970646

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 15/05/2013

Final Depth: 53.00 m
Drilled Depth: 53.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller: Nigel Hawkins

Property:

Standing Water Level 1.000
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 1.110

Site Details

Site Chosen By:

County SANDON Parish SALTASH Cadastre 1/776988
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9136-1N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6618440.000
Easting: 347518.000

Latitude: 30°33'24.4"S
Longitude: 151°24'36.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: GPS - Global

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	2.50	175			Rotary Air
1		Hole	Hole	2.50	53.00	162			Rotary Air
1		Annulus	Cement	0.00	2.50	175	175		PL:Poured/Shovelled
1	1	Casing	Pvc Class 9	-0.40	53.00	146			Seated on Bottom, Screwed and Glued, S: 50.00-53.00m
1	1	Casing	Steel - Erw	-0.40	2.50	175	165		Driven into Hole, Other
1	1	Opening	Slots - Vertical	35.00	53.00	146		0	Mechanically Slotted, PVC Class 9, Screwed and Glued, SL: 100.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
36.00	37.00	1.00	Unknown	1.00		0.43			
47.00	50.00	3.00	Unknown			0.68		01:00:00	

Drillers Log

From	To	Thickness	Drillers Description	Geological Material	Comments
------	----	-----------	----------------------	---------------------	----------

(m)	(m)	(m)			
0.00	1.00	1.00	Clay	Clay	
1.00	5.00	4.00	Granite, broken	Granite	
5.00	8.50	3.50	Granite; solid, grey	Granite	
8.50	10.00	1.50	Rock; broken, clay seams (moist)	Rock	
10.00	15.00	5.00	Granite; soft	Granite	
15.00	36.00	21.00	Granite; hard, grey	Granite	
36.00	37.00	1.00	Granite; fractured, quartz seams	Granite	
37.00	46.00	9.00	Granite; hard, grey	Granite	
46.00	50.00	4.00	Granite; fractured & quartz seams	Granite	
50.00	53.00	3.00	Granite; hard, grey	Granite	

Remarks

15/05/2013: Form A Remarks:
Nat Carling, 10-Dec-2013; GPS provided by the drillers.

*** End of GW970646 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW970659

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary - Air/Foam

Owner Type: Private

Commenced Date:
Completion Date: 20/11/2013

Final Depth: 22.80 m
Drilled Depth: 22.80 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller: Nigeal Hawkins

Property:

Standing Water Level 5.000
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.560

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
SAUMAREZ

Cadastre
136//5455

Region: 90 - Barwon

CMA Map: 9236-4S

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6610315.000
Easting: 375640.000

Latitude: 30°37'60.0"S
Longitude: 151°42'08.4"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	7.00	200			Rotary - Air/Foam
1		Hole	Hole	7.00	22.80	155			Down Hole Hammer
1		Annulus	Cement	0.00	9.00	155	135		
1		Annulus	Bentonite	9.00	10.00	155	135		
1		Annulus	Waterworn/Rounded	10.00	22.80	155	135		Graded
1	1	Casing	Pvc Class 9	0.00	22.80	135	125		Driven into Hole, Kwik-lock
1	1	Casing	Steel - Erw	0.00	2.00	168	158		
1	1	Opening	Slots - Horizontal	10.00	20.00	135		0	Mechanically Slotted, PVC Class 9, Glued, SL: 3.0mm, A: 100.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
15.00	17.00	2.00	Unknown	5.00		0.56		01:00:00	

Drillers Log

From	To	Thickness	Drillers Description	Geological Material	Comments
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(m)	(m)	(m)			
0.00	3.00	3.00	Clay; red	Clay	
3.00	10.00	7.00	Clay; sandy	Clay	
10.00	16.00	6.00	Basalt; broken	Basalt	
16.00	22.80	6.80	Basalt; black	Basalt	

Remarks

20/11/2013: Form A Remarks:

Nat Carling, 19-Feb-2014; No location was provided, based in the centre of the authorised land. Map sent to owner for true location.

24/06/2014: Nat Carling, 24-June-2014; Updated coordinates, based on location map received from the owner.

*** End of GW970659 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW970737

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 31/05/2013

Final Depth: 165.90 m
Drilled Depth: 165.90 m

Contractor Name: (None)

Driller: Samuel Keen

Assistant Driller: DL: 1635 JV Keen

Property:

Standing Water Level 30.500
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.760

Site Details

Site Chosen By:

County PARISH **Cadastre**
Form A: HARDINGE MORSE 1/528367
Licensed:

Region: 90 - Barwon

CMA Map: 9136-1N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6614185.000
Easting: 341875.000

Latitude: 30°35'40.0"S
Longitude: 151°21'02.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.20	220			Rotary Air
1		Hole	Hole	5.20	165.90	203			Rotary Air
1		Annulus	Cement	0.00	6.00	203	134		PL:Pooured/Shovelled
1		Annulus	Drill Cuttings	6.00	115.00	203	134		PL:Pooured/Shovelled
1		Annulus	Bentonite	115.00	153.00	203	134		PL:Pooured/Shovelled
1		Annulus	Waterworn/Rounded	153.80	160.00	203	134		Graded, Q:0.120m3, PL:Pooured/Shovelled
1	1	Casing	Galvinised Steel	-0.30	165.90	134	125		Seated on Bottom, Welded - Butt, S: 154.70-165.90m
1	1	Casing	Other	-0.30	5.20	178	170		Driven into small hole, Welded - Butt
1	1	Opening	Screen - Wedge Wire	153.80	159.80	123		0	Stainless Steel, Other, A: 0.50mm
1	1	Opening	Slots - Vertical	153.90	159.70	134		0	Oxy-Acetylene Slotted, Galvenised Steel, Welded - Butt, SL: 200.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
143.30	144.80	1.50	Unknown	30.50		0.38		01:00:00	

153.70	159.80	6.10	Unknown			0.38		
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Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	61.00	61.00	Granite; blue/pink, medium/coarse grained	Granite	
61.00	115.90	54.90	Granite; hard, blue, medium/coarse grained	Granite	
115.90	123.20	7.30	Granite (Mixture); soft/hard, blue/green/pink/brown, medium/coarse grained	Granite	
123.20	142.70	19.50	Granite (Mixture); soft/decaying, medium/coarse grained, brown	Granite	
142.70	144.80	2.10	Granite; broken, mixed colours, medium/coarse grained	Granite	
144.80	153.70	8.90	Granite Sand; decaying, brown, fine & medium/coarse grained	Granite	
153.70	165.90	12.20	Granite Sand; brown, medium/coarse grained	Granite	

Remarks

31/05/2013: Form A Remarks:
 Nat Carling, 26-May-2014; Coordinates based on location map provided with the Form-A.

*** End of GW970737 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW970758

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 24/09/2013

Final Depth: 38.50 m
Drilled Depth: 42.00 m

Contractor Name: (None)

Driller: Samuel Keen

Assistant Driller: DL: 1635 JV Keen

Property:

Standing Water Level 10.700
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 3.800

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
ARDING

Cadastre
3/251040

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 206 - MACLEAY RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6618305.000
Easting: 360565.000

Latitude: 30°33'34.5"S
Longitude: 151°32'46.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	9.20	220			Rotary Air
1		Hole	Hole	9.20	42.00	203			Rotary Air
1		Annulus	Cement	0.00	9.20	220	178		PL:Pooured/Shovelled
1		Annulus	Cement Grout	9.20	33.60	203	134		PL:Pooured/Shovelled
1		Annulus	Bentonite	33.60	34.00	203	134		PL:Pooured/Shovelled
1		Annulus	Waterworn/Rounded	34.00	38.00	203	134		Graded, Q:0.200m3, PL:Pooured/Shovelled
1		Backfill	Drilled Cuttings	38.50	42.00	203			
1	1	Casing	Galvinised Steel	-0.30	41.20	134	125		Seated, Welded - Butt, S: 38.00-41.20m
1	1	Casing	Steel	-0.30	9.20	178	170		Driven into Hole, Welded - Butt
1	1	Opening	Screen - Wedge Wire	34.70	38.00	123		0	Stainless Steel 304, Other, A: 3.00mm
1	1	Opening	Slots - Vertical	34.90	37.60	134		0	Oxy-Acetylene Slotted, Galvenised Steel, Welded - Butt, SL: 200.0mm, A: 3.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
22.90	27.40	4.50	Unknown	10.70		0.25		01:00:00	
33.50	38.10	4.60	Unknown			3.55			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	1.80	1.50	Ironstone; medium grained	Ironstone	
1.80	9.20	7.40	Basalt; blue, fine/medium grained	Basalt	
9.20	15.90	6.70	Clay; mixture, brown/dark brown, fine/medium grained	Clay	
15.90	22.90	7.00	Basalt; blue, fine/medium grained	Basalt	
22.90	27.40	4.50	Sand; grey, fine/medium grained	Sand	
27.40	33.50	6.10	Mudstone; light brown/brown	Mudstone	
33.50	38.10	4.60	Sand; grey, fine/medium grained	Sand	
38.10	42.00	3.90	Basalt; blue, fine/medium grained	Basalt	

Remarks

24/09/2013: Form A Remarks:

Nat Carling, 28-May-2014; Coordinates based on location map provided with the Form-A.

*** End of GW970758 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW970894

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 13/02/2014

Final Depth: 105.40 m
Drilled Depth: 124.40 m

Contractor Name: (None)

Driller: John Vincent Keen

Assistant Driller: DL: 2213 SV Keen

Property:

Standing Water Level 6.100
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.510

Site Details

Site Chosen By:

Form A: INGLIS
Licensed: County WINTON
Parish: WINTON
Cadastre: 22/622480

Region: 90 - Barwon

CMA Map: 9136-4S

River Basin: 419 - NAMOI RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6601575.000
Easting: 329900.000

Latitude: 30°42'23.5"S
Longitude: 151°13'25.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	15.20	220			Rotary Air
1		Hole	Hole	15.20	124.40	170			Rotary Air
1		Annulus	Cement	-0.50	32.00	170	134		PL:Pooured/Shovelled
1		Annulus	Cement	0.00	15.20	220	178		PL:Pooured/Shovelled
1		Annulus	Drill Cuttings	32.00	83.30	170	134		PL:Pooured/Shovelled
1		Annulus	Cement	83.30	98.70	170	134		PL:Pooured/Shovelled
1		Backfill	Drilled Cuttings	105.40	124.40	170			
1	1	Casing	Galvinised Steel	-0.30	111.30	134	125		Seated, Welded - Butt
1	1	Casing	Other	-0.30	15.20	178	170		Driven into Hole, Welded - Butt
1	1	Opening	Slots - Vertical	99.40	104.90	134		0	Oxy-Acetylene Slotted, Galvenised Steel, Welded - Butt, SL: 200.0mm, A: 2.00mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
99.10	105.20	6.10	Unknown	6.10		0.51		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil	Topsoil	
0.30	14.60	14.30	Sand; granite sand; grey, fine grained	Sand	
14.60	31.70	17.10	Granite; soft, brown, medium grained	Granite	
31.70	99.10	67.40	Granite; hard, blue, coarse grained	Granite	
99.10	105.20	6.10	Granite; broken, blue, coarse grained	Granite	
105.20	124.40	19.20	Granite; hard, blue, coarse grained	Granite	

Remarks

13/02/2014: Form A Remarks:

Nat Carling, 29-Aug-2014; Coordinates based on location map provided with the Form-A.

*** End of GW970894 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW

Work Summary

GW970941

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method:

Owner Type: Private

Commenced Date:
Completion Date: 27/02/2011

Final Depth:
Drilled Depth:

Contractor Name: Coastal Drilling
Driller: Unkown Unknown
Assistant Driller:

Property:

GWMA:
GW Zone:

Standing Water Level
(m):
Salinity Description:
Yield (L/s):

Site Details

Site Chosen By:

Form A: County SANDON
Licensed:

Parish
ELTON

Cadastre
42//755821

Region: 90 - Barwon

River Basin: 418 - GWYDIR RIVER
Area/District:

CMA Map: 9236-4N

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6621200.000
Easting: 358395.000

Latitude: 30°31'59.6"S
Longitude: 151°31'26.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Remarks

27/02/2011: Form A Remarks:
Nat Carling, 8-Sept-2014; All details were provided by client on Form-AG. Coordinates based on location map provided with the form. Requested Form-A from the drilling contractor.

*** End of GW970941 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

WaterNSW Work Summary

GW971185

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hammer

Owner Type: Private

Commenced Date:
Completion Date: 05/10/2014

Final Depth: 35.00 m
Drilled Depth: 35.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller: Nigel Hawkins

Property:

Standing Water Level 12.000
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.690

Site Details

Site Chosen By:

Form A: County SANDON Parish ARDING Cadastre 81//1064069
Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6616288.000
Easting: 358500.000

Latitude: 30°34'39.2"S
Longitude: 151°31'27.6"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.00	215			Down Hole Hammer
1		Hole	Hole	5.00	35.00	165			Rotary - Percussion - Foam Injection
1		Annulus	Cement	0.00	5.00	215	168		PL:Pouring/Shovelled
1	1	Casing	Pvc Class 9	-0.50	35.00	135	125		Cemented, Glued, S: 23.00-35.00m
1	1	Casing	Steel - Erw	-0.50	5.00	168	156		Cemented, Welded - Butt
1	1	Opening	Slots - Horizontal	15.00	30.00	135		0	Mechanically Slotted, PVC Class 9, Glued, SL: 100.0mm, A: 0.35mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
16.00	17.00	1.00	Unknown	12.00		0.06		02:00:00	
22.00	23.00	1.00	Unknown			0.63			

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments

0.00	4.00	4.00	Clay; red	Clay	
4.00	16.00	12.00	Shale; soft	Shale	
16.00	23.00	7.00	Shale; fractured	Shale	
23.00	35.00	12.00	Basalt	Basalt	

Remarks

05/10/2014: Form A Remarks:

Nat Carling, 13-Apr-2015; Coordinates based on location map provided with the Form-A.

***** End of GW971185 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW971205

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hammer

Owner Type: Private

Commenced Date:
Completion Date: 03/10/2014

Final Depth: 50.00 m
Drilled Depth: 50.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller: Nigel Hawkins

Property:

Standing Water Level 16.000
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.225

Site Details

Site Chosen By:

County
Form A: SANDON
Licensed:

Parish
KENTUCKY

Cadastre
19//755831

Region: 90 - Barwon

CMA Map: 9136-2N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6594803.000
Easting: 348105.000

Latitude: 30°46'12.3"S
Longitude: 151°24'46.1"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	8.00	215			Down Hole Hammer
1		Hole	Hole	8.00	50.00	165			Rotary - Percussion - Foam Injection
1		Annulus	Bentonite/Grout	0.00	8.00	165	135		PL: Poured/Shovelled
1	1	Casing	Pvc Class 9	-0.50	50.00	135	125		Cemented, Glued, S: 22.00-50.00m
1	1	Casing	Steel - Erw	-0.50	8.00	168	156		Cemented, Welded - Butt
1	1	Opening	Slots - Horizontal	17.00	30.00	135		0	Mechanically Slotted, PVC Class 9, Glued, SL: 100.0mm, A: 0.25mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
21.00	22.00	1.00	Unknown	16.00		0.23		02:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	8.00	8.00	Clay; granite, sandy	Clay	

8.00	10.00	2.00	Granite; fractured	Granite	
10.00	21.00	11.00	Granite; grey, hard	Granite	
21.00	22.00	1.00	Granite; weathered	Granite	
22.00	50.00	28.00	Granite; grey, hard	Granite	

Remarks

03/10/2014: Form A Remarks:

Nat Carling, 15-Apr-2015; Coordinates based on location map provided with the Form-A.

***** End of GW971205 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

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WaterNSW

Work Summary

GW971228

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Down Hole Hammer

Owner Type: Private

Commenced Date:
Completion Date: 15/09/2014

Final Depth: 74.00 m
Drilled Depth: 74.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller: Nigel Hawkins

Property:

Standing Water Level: 36.000 (m)

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.440

Site Details

Site Chosen By:

Form A: SANDON **County** URALLA **Parish** URALLA **Cadastre** 203//755846

Region: 90 - Barwon

CMA Map: 9136-1S

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6604620.000
Easting: 353440.000

Latitude: 30°40'55.9"S
Longitude: 151°28'11.8"E

GS Map: -

MGA Zone: 56

Coordinate Source: Unidentified

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.00	215			Down Hole Hammer
1		Hole	Hole	5.00	74.00	165			Rotary - Percussion - Foam Injection
1		Annulus	Cement Grout	0.00	5.00	215	168		PL:Pouring/Shovelled
1	1	Casing	Pvc Class 9	-0.50	74.00	135	125		Cemented, Glued, S: 45.00-74.00m
1	1	Casing	Steel - Erw	-0.50	2.00	168	156		Cemented, Welded - Butt
1	1	Opening	Slots - Horizontal	40.00	50.00	135		0	Mechanically Slotted, PVC Class 9, Glued, SL: 100.0mm, A: 0.25mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
44.00	45.00	1.00	Unknown	36.00		0.44		02:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	1.00	1.00	Clay; red	Clay	

1.00	14.00	13.00	Granite; broken	Granite	
14.00	42.00	28.00	Granite; grey	Granite	
42.00	57.00	15.00	Shale; black	Shale	
57.00	74.00	17.00	Granite; grey	Granite	

Remarks

15/09/2014: Form A Remarks:

Nat Carling, 16-Apr-2015; GPS provided on the Form-A was incorrect. Coordinates based in the centre of the authorised land, map sent to owner for true location.

***** End of GW971228 *****

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

67.10	73.20	6.10	Unknown	18.30	1.01	01:00:00
82.30	88.40	6.10	Unknown		1.49	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.30	0.30	Topsoil; brown, coarse grained	Topsoil	
0.30	6.10	5.80	Granite; decaying, yellow, medium/coarse grained	Granite	
6.10	82.30	76.20	Granite; blue, medium/coarse grained	Granite	
82.30	93.00	10.70	Sand; black, fine/medium grained	Sand	

Remarks

09/01/2015: Form A Remarks:
 Nat Carling, 17-Apr-2015; Coordinates based on location map provided with the Form-A.

*** End of GW971235 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

DRAFT

WaterNSW Work Summary

GW971296

Licence:

Licence Status:

Authorised Purpose(s):
Intended Purpose(s): STOCK, DOMESTIC

Work Type: Bore

Work Status: Supply Obtained

Construct.Method: Rotary Air

Owner Type: Private

Commenced Date:
Completion Date: 20/12/2014

Final Depth: 68.00 m
Drilled Depth: 68.00 m

Contractor Name: TAMWORTH DRILLING CO

Driller: Garry Stanley Strudwick

Assistant Driller: Nigel Hawkins

Property:

Standing Water Level 27.000
(m):

GWMA:
GW Zone:

Salinity Description: Potable
Yield (L/s): 0.125

Site Details

Site Chosen By:

County SANDON Parish ARDING Cadastre 5/203471
Form A: Licensed:

Region: 90 - Barwon

CMA Map: 9236-4N

River Basin: 418 - GWYDIR RIVER
Area/District:

Grid Zone:

Scale:

Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6620980.000
Easting: 357556.000

Latitude: 30°32'06.4"S
Longitude: 151°30'54.5"E

GS Map: -

MGA Zone: 56

Coordinate Source: GIS - Geogra

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel
Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	12.00	200			Rotary Air
1		Hole	Hole	12.00	68.00	165			Rotary - Percussion - Foam Injection
1		Annulus	Cement Grout	0.00	12.00	200	170		PL:Pooured/Shovelled
1	1	Casing	Pvc Class 9	0.00	62.00	135	125		Seated on Bottom, Glued, S: 59.00-68.00m
1	1	Casing	Steel - Erw	0.00	12.00	170	158		Other
1	1	Opening	Slots - Horizontal	30.00	60.00	135		0	Mechanically Slotted, PVC Class 9, Glued, SL: 100.0mm, A: 0.35mm

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
35.00	36.00	1.00	Unknown	27.00		0.07			
58.00	59.00	1.00	Unknown			0.05		01:00:00	

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments

0.00	12.00	12.00	Clay; red	Clay	
12.00	26.00	14.00	Shale; grey	Shale	
26.00	30.00	4.00	Shale; weathered	Shale	
30.00	57.00	27.00	Shale; grey	Shale	
57.00	60.00	3.00	Shale; weathered	Shale	
60.00	68.00	8.00	Shale; hard, grey	Shale	

Remarks

20/12/2014: Form A Remarks:

Nat Carling, 23-Apr-2015; Coordinates based on location map provided with the Form-A.

*** End of GW971296 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

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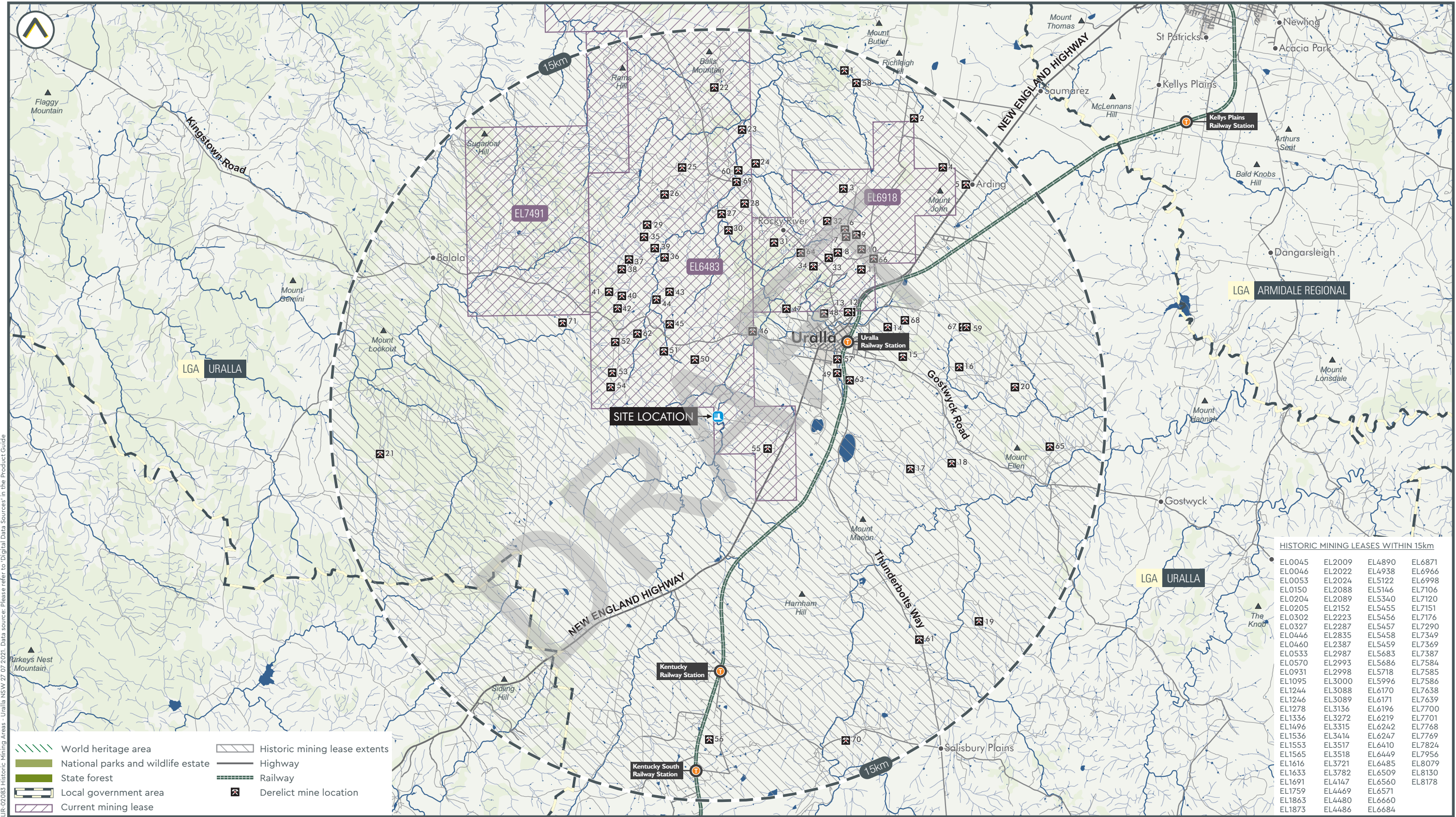


APPENDIX C

HISTORICAL MINE LOCATIONS

DRAFT

Historic Mining Areas - Uralla NSW



0 5km



Land Insight & Resources do not warrant the accuracy or completeness of information in this publication and any person using or relying upon such information does so on the basis that this company shall bear no responsibility or liability whatsoever for any errors, faults, defects or omissions in the information.



I. *General Geological character with special reference to the Metalliferous deposits of value.*

The Rocky River Goldfield, which embraces the town of Uralla, and lies principally to the west of it, has an area of 22½ square miles. The field is situated on the western watershed of the Dividing Range, and at the nearest point is only one mile distant from the main line of water-parting. The Dividing Range is here so flat that it is impossible to tell with the unaided eye in which direction the surface slopes. This evenness of surface is chiefly due to the filling up of pre-existing valleys by extensive flows of basalt. Tabular hills, composed of basalt and laterite, rise in places to a height of 150 feet above the general level of the country. At a distance of from 1 to 3 miles west of the main line of water-parting, the basalt has been denuded by the deeply-eroded valleys of the Rocky River and its tributaries, leaving bare the underlying granite and altered Siluro-Devonian claystone.

The local formations may be divided into six classes:—

Quaternary Tertiary: 6. Recent alluvials; 5. Basalt and laterite; 4. Tertiary alluvials; 3. Quartzite; 2. Granite hornblendic and intrusive, with associated dykes of quartz-porphphy and ewrite.

Siluro-Devonian: 1. Claystone and granitoid.

Quaternary: 6. *Recent alluvials.*—These consist chiefly of quartz-sand and quartz-gravel intermixed with greenish micaceous soapy clay, derived from the waste of the granite. The thickness varies from a few feet to 20 feet. Pieces of subangular quartz are occasionally found 6 inches in diameter. The sandgrains in these alluvials are more or less angular or subangular, but contain rounded grains and pebbles, derived from the Tertiary alluvials, of quartz, zircon, spinel, and litaniferous iron. Litaniferous iron (= ilmenite) is abundant at Wallaby Gully, where a pebble of that mineral has been found 2 inches in diameter. The gold associated with these beds is coarser and more angular than that contained in the Tertiary alluvials. This formation is principally developed along the banks of the Rocky River and its tributaries, Kentucky and Uralla Creeks, and Green, Cabbagetree, Wallaby, Post-office, Mount Welsh, and Sawpit Gullies, &c. Volcanic bombs of glassy basalt, called locally "buttonstones," are plentifully distributed through these beds, especially near the junction of the Green Gully with Kentucky Creek. The bombs are spherical discs, shaped like a doubly convex lens, from the size of a sixpence up to that of a penny. The under surface shows spinal grooves, while the upper is cellular. Many of the bombs have delicate rims curved slightly upwards so as to form tiny saucers, and the edges are translucent.

Tertiary: 5. *Basalt and Laterite.*—This formation occurs in oval patches at the outliers of Mts. Mutton, Beef, Welsh, Harris, and Monopoly, and at Cherrytree Hill, and in a wedge-shaped mass at Mt. Jones and Sydney Flat, widening to the N. E., where it becomes united at Doherty's Hill to a sheet, 1¼ miles in width. Its thickness ranges from 15 to 140 feet. The color varies from dark-green to dark-blue. In some places this rock can be pierced with a pick, while in others it is so hard as to require blasting powder for its removal. Columnar structure is prevalent, especially at the outlier close to Uralla, called Mt. Beef, where a fine section is exposed in a quarry. At the No. 2 Bullion shaft the basalt, which was soft and friable, contained large erupted fragments of granite, some of them being tons in weight. The granite blocks are roughly rounded, and were described as being rudely bedded in the basalt as though tipped from a cart, the beds dipping steeply northwards.

Laterite, composed of red volcanic dust and fragments of decomposed erupted basalt, forms the capping of the Sugarloaf, near Doherty's Hill, of Doherty's Hill and of a hill near Mount Butler, in portion 26, parish of Ellon. The summits of these hills have a cindery scoriaceous appearance, and have certainly been points of eruption.

RECENT
ALLUVIALS
1 to
7m thick

4. *Tertiary Alluvials*.—The sands, gravel, and clay of the deep leads. These beds are mostly capped by basalt though not co-extensive with it, as has been proved by several shafts in which the basalt has been found resting directly on the granite. The alluvial beds, as shown on plan No. 2, were found to lie in long hollows in the granite. The width varies from 5 to over 40 chains, and the thickness from a few feet up to 114 feet. The average thickness on the main lead, between Mount Jones and Doherty's Hill, was about 30 feet. The greater part of the beds is composed of a very fine yellowish grey quartz sand, much rounded; and near the bed rock the sand becomes much coarser, passing into a fine gravel, composed of rounded doubly hexagonal quartz crystals, locally called "hailstone gravel." The gravel immediately overlying the wash is cemented in places by brown iron ore, so as to form a hard crust about an inch in thickness. Round lumps of greenish decomposed dolerite (a variety of coarse crystalline basalt) are found in this gravel at Mount Jones, in Mr. French's new tunnel, and at Mount Multon. These blocks, which are from 3 inches to 2 feet in diameter, are not waterworn, but erupted, and resemble those found in the laterite at Doherty's Hill, and do not therefore imply that the leads in which they occur are younger than those which do not contain such fragments. The gold gravel is usually rich near these blocks, owing probably to eddies having formed round them, in the water by which the gold was drifted.

It is a feature worthy of notice, in connection with the occurrence of these alluvials under outlying patches of basalt, that the bed rock on which they rest has a slight dip on all sides towards the centres of the hills, from which it may be inferred that the preservation of the outliers is due to the fact of their lying in slight hollows, where they would be less exposed to denudations than at higher levels.

The clays are pale greenish grey, yellow, and black. The black and yellow varieties often contain fossil leaves. One of these, given me by Mr. W. Cleghorn, is identical with one of most common occurrence in the deep leads of stream-tin at Rose Valley, near Emmaville. In the long tunnel, a bed of grey clay was noticed by me, over 5 feet in thickness, and with the exception of a few interstratified seams of fine sandy clay, was remarkably pure and free from grit; and being strongly plastic, might form a good pottery clay, though this could not be determined without actual experiment.

There is not sufficient evidence afforded, by the Rocky River lead, to determine whether the tertiary alluvials are of marine or of freshwater origin. The shape of the worked lead is suggestive of an old river channel, with tributaries; but the fineness and clean character of the drift, and the smallness of fall in the bed rock, favour the inference that it is a deposit partly of marine origin, though no marine fossils have ever been found in the beds. There is, however, the most conclusive evidence that the alluvials under Doherty's Hill were laid down on a land surface, as is proved by the great quantities of fossil leaves and wood preserved in dark clays, which were found in sinking the Phoenix, Parker, and Edmonds' shafts, &c., north of Doherty's Hill. From the width of the alluvials at the Bullion shafts, and from the great thickness and persistence of the black carbonaceous clay lying next to the bed rock (37 feet thick at No. 4 Bullion, and about 30 feet in No. 5), as well as from the rapidity of the fall into this deep ground from Sydney Flat, it would appear that this part of the deposit is of lacustrine origin.

Probably all the leads in this neighbourhood were brought into their present positions by the agency of fresh water only, though much of the material in them may have been derived from marine beds.

The main lead appears to have been laid down by one or more rivers, or by one river flowing at different levels at different ages, running from Mount Welsh to Mount Jones, and through Sydney Flat to Doherty's Hill, and thence into a small lake, on the west margin of which was worked the "Sons of Temperance" lead. At Mount Welsh, the bottoms of the channel at both ends of the outline are so nearly on a level, that it is difficult to determine the direction of the flow; and Mr. W. French, who worked part of the lead here, is of opinion that the fall is here from east to west, but the general fall of the main lead is in the direction already indicated.

2. *Granite*.—The granite is of a medium coarseness of grain, composed of quartz, felspar, dark mica, and hornblende. The mica is occasionally aggregated into nests, from ½ to 2 inches in diameter. The granite is jointed in a direction 32° E. of N. and W. of S.; and is intersected by veins of eurite, coursing N. to S., and 15° N. of E. and S. of W., from ¼ to 1 foot wide, and by dykes of felspathic and micaceous trap rock. The strike of these dykes is 10° N. of W. and S. of E. The largest dyke observed, in Mount Welsh Gully, is 8 feet wide, and strikes at 20° S. of W. and N. of E., and is highly micaceous. A dyke of trap rock at the S.W. end of Mount Jones contains a little pyrites, but the actual presence of gold in the dyke has not yet been detected. Dykes of quartz-porphry, probably connected with the granite, have cut the claystone and granitoid on the west side of the main deep lead, in portions 238, 241, and water reserve, 338, parish of Arding. The granite is slightly intrusive at its line of junction with the granitoid. Veins of quartz traverse the granite in places, chiefly composed of white milky quartz, barren of any metal excepting iron. A promising looking reef of porous ferruginous quartz, near the junction of Jackson's Gully with the Rocky River, is 2½ feet wide, and strikes 36° E. of N. and W. of S. A sample of stone selected by me, and assayed by the Government Analyst, showed only a trace of gold under 2 dwts. per ton. A large barren quartz reef about 5 feet wide, and having an E. and W. strike, occurs 1 mile W. of Uralla, about the point shown on the plan.

The only reef in the district in which gold is said to have been found is one situated in portion 91, parish of Devon, at the point shown on the map. From the general non-auriferous character of the quartz veins where the alluvials are richly gold-bearing, and from the fact that the bed-rock in places for a radius of more than a mile from the gold-bearing alluvials, is composed of granite as well as from the fine and crystalline nature of the gold itself, it would appear that the gold was originally derived from the granite.

Siluro-Devonian(?): 1. *Claystone and granitoid.*—The Palaeozoic sedimentary rocks, which have been slightly intruded by the gold-bearing granite, are dark-blue to brownish claystones passing towards the margin of the granite into a fine-grained greenish-brown crystalline rock, in appearance resembling basalt. This rock is seen at O'Brien Sugarloaf, extending thence to the head of Wallaby Gully, and in the parish of Arding in portion 244 (James Bishop's) near Mrs. Bullen's house in portion 90, &c., striking south-easterly across the main road from Uralla to Armidale. It is a true bed-rock and it is useless to search under it for alluvial gold. A shaft has, however, been sunk to a considerable depth with such an expectation in Wiggin's selection, portion 241, parish of Arding.

(a) The main Sydney Flat lead was almost exhausted in a single year by the labour of 3,000 diggers. Since then many attempts have been made to prove the continuation of this lead, the most successful being those conducted by Mr. J. Anderson and others, which led to the discovery of the Sons of Temperance lead. (See plan No. 2.) At the base of Doherty's Hill a bar in the bed-rock split the lead, sending one branch easterly and the other northerly. The northerly branch was proved by the Esperanza tunnel, and was picked up further north and followed for a distance of nearly ¼-mile in the Sons of Temperance lead. The sinking here was through basalt, and about 130 feet deep. The lead was from two to three chains wide and the wash from 2 to 3 in. thick, stated as yielding sometimes over 1 oz. per load. The bed-rock was very flat. At Haythorne's shaft, however (No. 14 on No. 2 plan), a perpendicular fall was found in the bed-rock of at least 5 ft. The lead proved payable and was worked up to the edge of the fall. The miners were unable to get down to the bed-rock beyond, owing to the great quantity of water in the sand. The Phoenix shaft (No. 10 on plan No. 2) was sunk in the hope of striking the right branch of the E side of the bar. The shaft was bottomed on to granite at a depth of 166 ft. and then sunk in the granite to a depth of 182 ft. A drive was then put in in an easterly direction at a level of 179 ft. from the surface, which tapped the drift and proved the bed-rock to be still dipping. A monkey-shaft was then sunk in the bottom of the drive, and a second drive put in at a lower level which cut the drift again at a distance of 20 ft. from the main shaft, proving that the bed-rock dipped 24 ft. in that distance. The workings were choked with running sand and water before the prospectors could get down to the bottom of the channel. Parker and Edmond's shaft (No. 9 on 2 plan) was sunk to a depth of 96¼ ft., through 86 ft. of basalt, 2¼ ft. of carbonaceous clay, with fossil leaves, and 3 ft. of compact sand. Water then rose in the shaft so rapidly that the men barely had time to escape, and had to leave their tools behind them. The shaft was subsequently bottomed by Mr. R. Roberts with boring rods at a depth of 106 ft.

Annual Report Compilation – Uralla Division – Manilla/Dorrigo Sheet 1875 – 1975; Geological Survey of New South Wales, 1975

seem to be satisfactory to themselves.

10. At the Rocky River, however, much enterprise is being displayed, but the fruits are not yet apparent. Nearly all the gold-mining operations here are carried out under the sluicing system, and as the miners depend upon their water supply mainly from storm waters, the recent drought has seriously militated against them; I cannot perhaps better allude to the condition of this field than by drawing your attention to Appendix No. 1, kindly furnished me by Mr. Roman. The Long Tunnel Company therein referred to, I may add for your information, was formed to work a large area of ground known in the early history of the field as Sydney Flat. Very good results were obtained in several shafts sunk here; in fact some of the claims proved immensely rich. In certain claims the water beat the miners, and they were compelled to abandon the ground for want of appliances. The object of the party who now propose working this locality is to drain it by means of a tunnel driven through one of the ridges surrounding the flat, and subsequently working the auriferous stratum in the ordinary way. Seeing that the most prominent shareholders in the company are old Rocky River miners and thoroughly familiar with the ground, there is every prospect of the enterprise being singularly profitable.

1879/145

79/145 Rocky River, 29th December, 1879.

Sir,—I have the honor to report for your information, that this company have continued prospecting operations during the present year, and hope to be able to continue them until the rich gold lead of Sydney Flat shall be proved to extend through the deep wet ground to the east of the ground worked and abandoned about twenty years ago, the miners of that period being unable to proceed further on account of excess of water together with a heavy deposit of loose sand, which came away with the water, when the ordinary method of bailing or pumping was adopted. The bed rock (granite) rises to or near the surface on each side of the supposed deep lead, at a distance of about $\frac{2}{3}$ of a mile apart. When the Bullion company began operations advantage was taken of the soft granite which forms the rim of the deep basin or hollow. The first shaft reached the granite at a depth of sixty feet dry, it was then carried down a further depth of 41 feet in the soft granite, the close greasy texture of which renders it almost impervious to water, after a sufficient well hole had been provided in the bottom of the shaft and the pump duly fixed for work, a tunnel was cut in the direction of the dip, and test holes bored upwards with an auger, when the water and drift were tapped overhead, a tube 3 inches in diameter perforated with $\frac{1}{2}$ inch holes about $1\frac{1}{2}$ inch apart, was driven into the hole made by the auger, and stopped at the bottom with a wooden plug, the tunnel was driven further until five similar tubes were fixed, the plugs were then withdrawn and the water allowed to flow in such quantities as the pump could manage, or altogether stopped at pleasure. This experiment succeeded beyond the most sanguine expectations of the company, as the water came away perfectly clear, soon after the tubes were opened, a few pebbles settled around each hole at the back of the tubes and effectually prevented the fine loose sand from coming through, a shaft was then sunk over the tunnel and the ground being thoroughly drained, could be worked without trouble. It was

Water supply is of course a most momentous question in the prosperity of the company. Our water reservoir, which is capable to a large extent of increased storage, is at present full, and although no water has yet been tapped from the alluvial, yet the constant drainage and leakage through the granite pierced in the workings, amounts to about one-third of a box since lead, giving indications of a water supply of a most permanent character.

PEEL AND URALLA DISTRICT—URALLA DIVISION.

(Edward Marriott, Mining Registrar) 82/81

Since forwarding you my annual report on the Uralla Division of the Peel and Uralla Mining District for the year 1882, I have received the enclosed report from Mr. S. Betheras, Manager of the Long Tunnel Gold-mining Company, Rocky River, relative to the operations of that Company during the past year. I have now the honor to request you will append the report now forwarded to my report for this district.

“Mr. S. Betheras, of Long Tunnel Gold-mining Company (Limited), Uralla, reports:—“I have the honor to report, for your information, that the above company's tunnel has been driven 1,800 feet from the mouth. The company, for some time past, have tried by various means to get into the wash above, but through the great pressure of water in the drift, found it impossible to do, so from the tunnel. They have, within the last two months, sunk a shaft from surface to the water level, then drove two 4-inch pipes through into a jump-up from the tunnel, enabling them to sink the shaft through to the jump-up, and so drain the ground. They are now driving into the wash, and hope to commence sluicing in a week or two. They have now every prospect of having a good payable mine.”

The official visit of Mr. David, Geological Surveyor, and Mr. Stonier, of the Mines Department, their survey, inspection, and report thereon, has caused some activity amongst the resident miners, and several blocks of ground have been taken up in the direction pointed out by Mr. David as the probable continuation of the Sydney Flat lead by Mount Doherty. One shaft (Rico's) has been sunk into the bottom drift, showing very favourable indications, as also gold. The water, however, is heavy, and pumping gear and machinery must be obtained before the ground can be fully tested and developed. The sinking is heavy (basaltic) and deep. There

It was hoped that the gold obtained from the worked sands of Sydney Flat would be sufficient to pay for the expense of driving the tunnel. These expectations have, however, not yet been realized, as the worked gold-sands at present are stated to produce only from 1 to 8 dwts. per load, 8 dwts. being about the richest yield. The drift here is a fine ferruginous quartz-sand with some clay. The ultimate success of this Company will, of course, depend on how far the unworked portion of the lead under Doherty's Hill is payable, as the Company have conclusively proved that the percentage of gold in the worked deep lead ground under Sydney Flat is, by itself, quite inadequate to pay the expenses of extending the tunnel. A great deal of work has been done at Mount Jones by Mr. W. French, and he is at present engaged single-handedly in the great task of putting a tunnel into Mount Jones at a level of about 70 feet above that of the Sydney Flat gold-wash, to strike what he believes will prove an upper lead of payable auriferous gravel under the basalt of which Mount Jones is formed. Mr. French has already tunnelled into Mount Jones at its N.W. end for a distance of 700 feet, and proved that there exists, between the granite and the basalt a considerable body of fine quartz sand containing a little gold. The sands are composed of clean, well-worn quartz grains, showing current bedding, which, in Mr. French's old tunnel, dip in a direction S. 20° E., as though the currents by which they were deposited flowed from N.N.W. In Mr. French's new tunnel large rounded lumps of dolorite basalt are of frequent occurrence in the sand, and rest immediately on the granite. Similar lumps were observed by me in the gold wash at Mount Mutton, and in the red laterite on the top of Doherty's Hill. They are quite unlike the overlying basalt, though clearly of volcanic origin, and indicate that Mr. French's lead is as old as that at Mount Mutton. Fragments of true basalt tuff are associated with them in the drift in this tunnel. Mr. French is doing a valuable work in testing the payability of these high level auriferous sands. At Fiddler's rush, on Sydney Flat, Mr. John Anderson is working the deep lead sands on the northern edge of the Sydney Flat lead in an open cutting. At Mount Jones Mr. Klindest is working on the edge of the old Mount Jones lead, his shaft being 16 feet deep, giving the following descending section—35½ feet basalt; 3 feet sandy clay; 5½ feet fine yellow clayey sand; 4½ feet fine current bedded quartz sand, resting on a section of rotten granite.

At Mount Welsh, Mr. James Young is working the recent alluvials in Mount Welsh Gully, and at the S.W. end of Mount Welsh Mr. W. Herbert is tunnelling into the hill. The Messrs. Tebbs are working the gold gravel at the N.E. end of Mount Mutton. The tertiary alluvials here consist of fine red sands and grey sandy clay, with intensely worn pebbles of granite quartz ¼-inch in diameter. The payable auriferous part of the drift (wash) lies next to the red rock, having a thickness of 3 inches, and is composed of fine-quartz gravel (= "hailstone gravel.") A great deal of mica is mixed with it, making it soapy to the touch. Round lumps of rotten dolorite are found in the wash here as at French's tunnel; and round pebbles of smoky quartz and grains of red and yellow zircon are not uncommon. Above the wash comes reddish brown sand and grey clayey sand; the total thickness of the alluvial beds being about 9 feet, though towards the centre of the hill, as much as 20 feet. The whole is capped by dense columnar basalt, having a thickness of about 45 feet.

(2.) *Tertiary Alluvials* form a vast subterranean reservoir in which a practically inexhaustible supply of water is stored under the line of water-parting of the Dividing Range. Owing to these beds being hidden under thick sheets of basalt, it is impossible to estimate their exact extent. Some idea of it may be formed from the following already ascertained facts. To the north of Doherty's Hill, these beds are water-bearing for a width of at least half a mile, and vary in thickness from 10 to 70 feet. Their length is to be estimated in miles. Numerous wells have been sunk at intervals through the basalt covering these alluvials for over 3 miles northerly from Doherty's Hill, and with few exceptions have struck good supplies of water in the underlying alluvials. At the No. 2 Bullion shaft, the water is 69 feet deep; at the No. 4 Bullion shaft, 70 feet; and at Parker and Edmund's shaft, 38 feet. At the No. 2, Bullion shaft, the flow of water was so strong that a plunge and lift pump, throwing 3,000 gallons of water per hour was barely able to lower the water. As future mining operations on this gold-field will be centred on the deep leads, it appears to me that it should always be possible to obtain water in sufficient quantity for mining purposes from the water-bearing beds contained in the leads. When the leads are worked, it will be obviously necessary to constantly pump large quantities of water to the surface, to drain the mines, and the water so raised might, without further expense, be utilised for sluicing, as was done so successfully by the late Mr. T. Flannery on his tribute area to the Wesley Company, at Rose Valley, on Vegetable Creek, and is now being done here on a small scale by the Long Tunnel Company.

III. I have reported elsewhere on the modification of the present boundaries of the Rocky River and Uralla Gold-field Reserve.

Every assistance was rendered by Mr. Stonier and myself, by Mr. James Glendenning, Secretary of the Miners' League, and Mr. W. Cleghorn, J.P., supplied much valuable information. I have also to acknowledge the kind help afforded by the following residents:—Messrs. John Anderson, Dawson, W. French, J. D. Lacey, R. Roberts, H. Roman, A. P. Smith, Tebbs Bros., J. Young, and others.

I have, &c.,

T. W. E. DAVID,
Geological Surveyor.

1887/21

At Doherty's Hill (Uralla) a shaft has been bottomed with great difficulty owing to the quantity of water, and prospects obtained of about 3 oz. per load. Machinery has now been erected for draining the mine. Other companies have sunk shafts and erected machinery, but have not yet overcome the water. A rush to Wallaby Rocks occurred. The ground is now sinking about 20 feet. One party realized at first from

At Doherty's Hill, about 3 miles west of Uralla, a considerable amount of work has been done during the year. It will be remembered that Mr. Surveyor David, when sinking the district at the latter end of 1886, pointed out this locality as one likely to bear rich deposits. Every available piece of land in the vicinity has been secured, either by lease application or under the Mining Board regulations. I am informed by old residents that the ground was tried many years ago, but the water proved an insuperable obstacle, which frustrated all the efforts of the early miners to reach the bed rock and test the ground.

Rice and party, however, have bottomed at a depth of 120 feet, obtaining (with great difficulty, on account of the rising water) prospects of about 3 oz. to the load. In January last pumping gear and machinery were erected at this claim, but proved of so unsatisfactory a character that it had to be removed. A new engine of 12-horse power is now on the ground and ready for work, which will, effectually combat the water, and the party are confident of success in the near future.

Uralla Division. 1404/19

The gold won from the alluvial deposits in this Division amounted to 448 oz. Sluicing operations were conducted with difficulty owing to the scarcity of water.

In quartz mining Fraser and party were engaged sinking a shaft at Dogtrap, near Uralla, but operations were hampered owing to a heavy flow of water being met with. The prospectors were hopeful of being able to cope with the difficulty. At Enmore, Perrott and party were prospecting a reef, and had met with encouraging indications.

The quartz reefs received considerable attention during the year. Further development on the Goldsworth Gold Mines, Limited, reef was carried out in driving on both No. 1 and No. 2 levels. Operations were, however, mainly confined to No. 1 level. From the 1st February the influx of water arising from the connection of No. 1 level with the original syndicate's workings rendered the working of No. 2 level too severe a strain on the plant, and considerably increased the expense of mining therein. A 10-head battery and 50 B.H.P. suction gas plant were installed and commenced running on the 30th July. Since that date 1,600 tons of ore were raised and treated, for a return of 174 oz. 5 dwt., valued at £621 10s. These returns, although low, were considered sufficient to encourage further prospecting. The lode is of a pyritic granite nature, carrying veins of quartz, and averages 3 feet in width. The country rock is granite, and is no great distance from the junction with an altered slate formation. The shareholders are making a determined effort to further prospect this reef. Some further prospecting was also done by the Goldsworth Gold Mining Syndicate in an endeavour to locate this reef in an adjoining lease, but without success.

It may be better to put all the historical stuff into an Appendix

24/11
Uralla Division.—The gold won during the year amounted to 136 oz., valued at £528, of which 112 oz. were won by fossickers operating on abandoned workings in the vicinity of Rocky River and Maitland Point. At Enmore, Samuel Dodds raised 4 tons of stone from his prospecting area and obtained 24 oz., valued at £96. In the parish of Arding, S. C. Browning sank a shaft to a depth of 85 feet, 72 feet of which was through hard basalt and 13 feet of river bed. Owing to heavy flow of water, he is experiencing difficulty in bottoming the shaft. The prospector considers that the lead is one of the feeders of the old Rocky River Field. The Alluvial Mineral Recovery Co. Ltd. of Brisbane has applied for a dredging lease of 40 acres at Maitland Point, but no plant is on the ground yet.

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APPENDIX D

CROSS SECTIONS

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Plan of
DEEP LEAD WORKINGS
ROCKY RIVER GOLD FIELD

To accompany report by Geological Surveyor T.W.E. DAVID, B.A.




JUNE 1886.

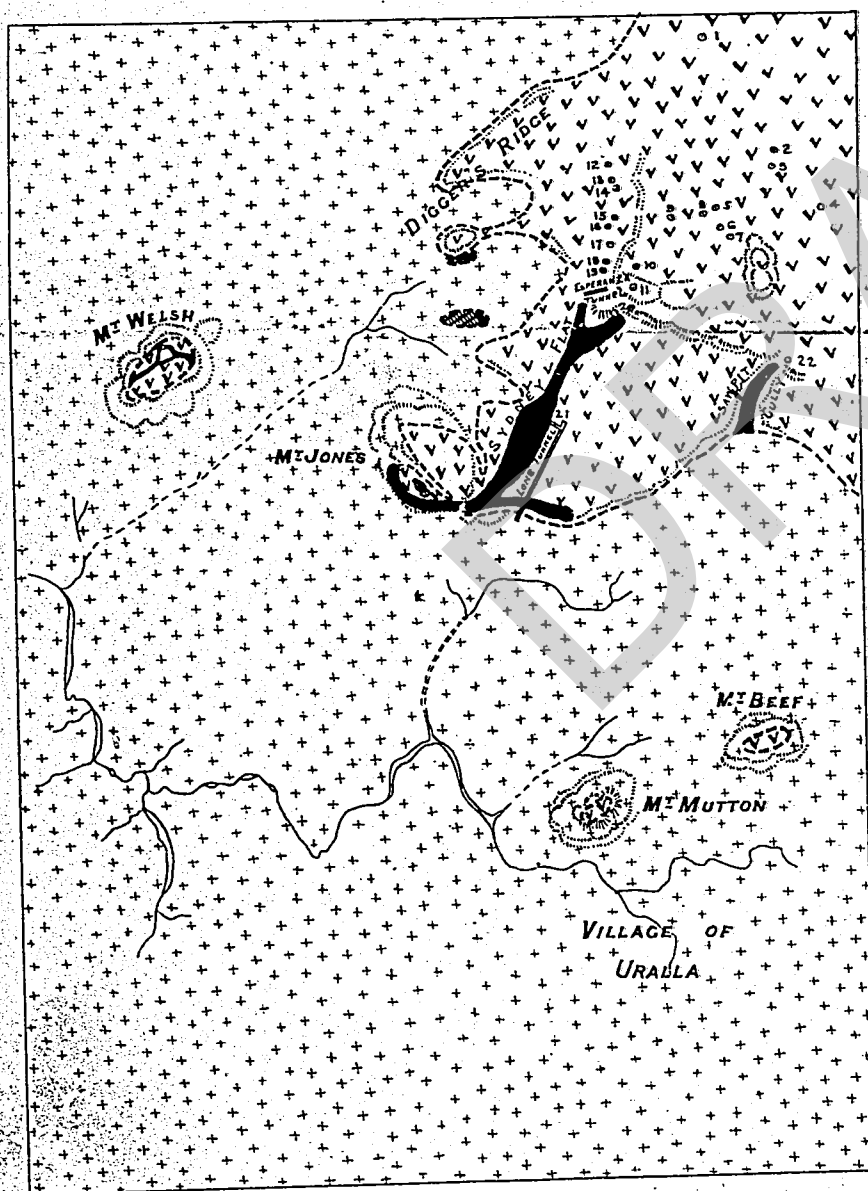
SCALE.

10 50 100 200 300 400 500 600 700 800 900 Chs

Reference

- 1 N^o 1 Bullion - 60 ft - water
- 2 N^o 2 " - 147½ ft - water level 58 ft.
- 3 N^o 3 " - water at 61 ft
- 4 Shaft 70 ft - dry
- 5 N^o 4 Bullion - 154 ft - w.l. 84 ft.
- 6 N^o 5 " - 188 ft - w.l. 128 ft.
- 7 N^o 6 " - 126½ ft
- 8 Long Tunnel shaft - 98 ft.
- 9 Parker & Edmunds' shaft - 106 ft - w.l. 68 ft
- 10 Phoenix engine shaft - 166 ft to granite
190 ft to bottom of dip
- 11 Ingle's shaft - 186 ft.
- 12 Shaft 82 ft.
- 13 Whip shaft 95 ft - dry
- 14 Haythorne's - 95 ft to water
- 15 N^o 5 Temperance shaft 132 ft.
- 16 " 4 " " " "
- 17 " 3 " " " "
- 18 " 2 " " " "
- 19 " 1 " " " "
- 20 Shaft 130 ft.
- 21 " 74 ft
- 22 " about 130 ft.

-  Basalt
 Granite
 Quartzite
 Worked deep lead



Drawn by G.A. Stöniér. Geological Survey Branch

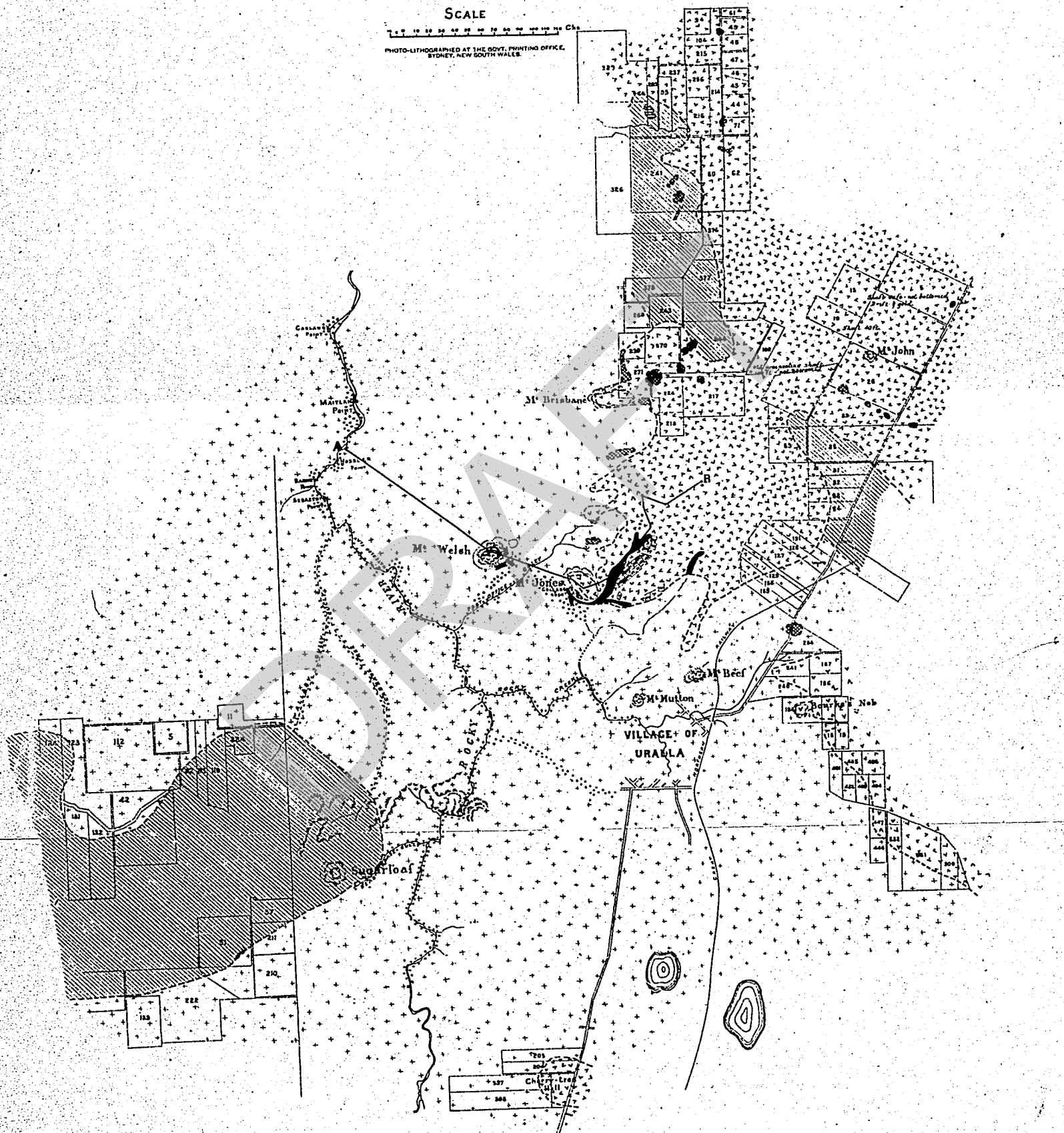
9361

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GEOLOGICAL SKETCH MAP OF THE ROCKY RIVER GOLD FIELD

To accompany report by Geological Surveyor T.W.E. David B.A. F.G.S.

June 1886.



REFERENCE

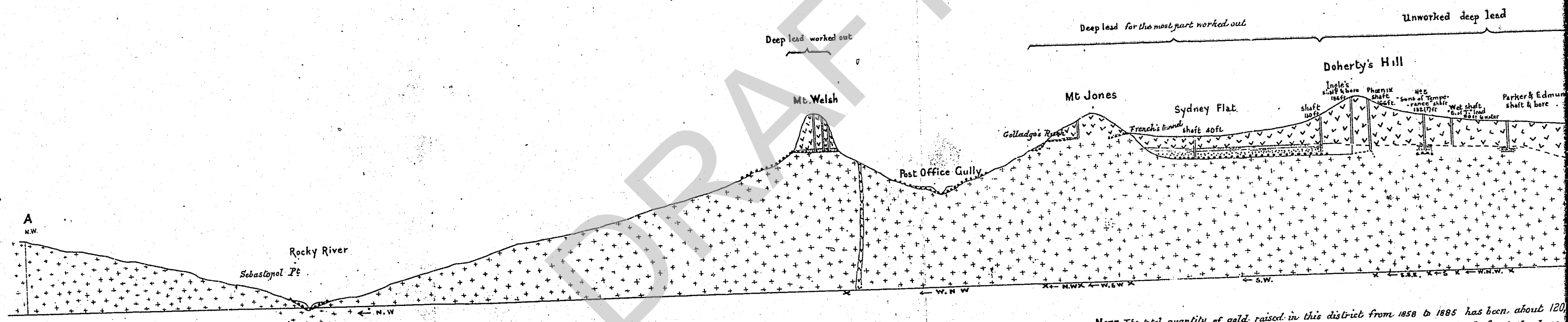
- | | | | |
|--|---|--|---|
| <p>SILURIAN ?
 Claystone (passing into Granitoid near junction with intrusive granite.)
 (Sjg 337-)</p> | <p> Quartzite (in part overlying & in part underlying basalt.)</p> | <p>TERTIARY
 Basalt (in part carrying gold-bearing strata.)</p> | <p> Granite - Intrusive gold-bearing</p> |
| <p> Basalt dyke</p> | <p> Eruptive dyke</p> | <p> Deep lead</p> | <p> Alluvial gold</p> |





SECTION ACROSS ROCKY RIVER GOLD FIELD

showing relative position of "shallow" and "deep lead" auriferous alluvials

see line A-B Geological Sketch Map

To accompany report by Geological Surveyor T.W.E. DAVID. B.A.F.G.S.



-  Recent auriferous alluvials.
-  Tertiary basalt capping tertiary gold gravel
-  Tertiary auriferous alluvials consisting of quartz sand and quartz gravel with beds of white and grey pipeclay & black clay with fossil leaves
-  Intrusive granite probably the matrix of the alluvial gold.

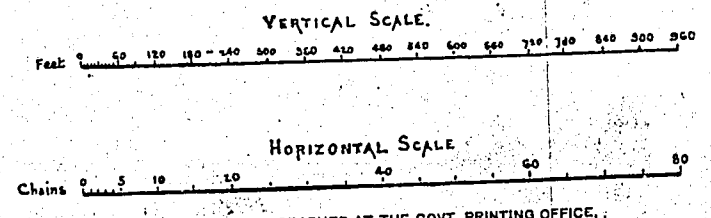


PHOTO-LITHOGRAPHED AT THE GOVT. PRINTING OFFICE,
SYDNEY, NEW SOUTH WALES.

NOTE The total quantity of gold raised in this district from 1858 to 1885 has been about 120, £455, 719. A payable branch lead has been worked between the 130 ft shaft at the base and the N° 5 "Sons of Temperance" shaft.

SECTION ACROSS ROCKY RIVER GOLD FIELD

APPENDIX I.

showing relative position of "shallow" and "deep lead" auriferous alluvials

see line A-B Geological Sketch Map

To accompany report by Geological Surveyor T.W.E. DAVID. B.A.F.C.S.

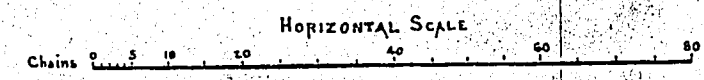
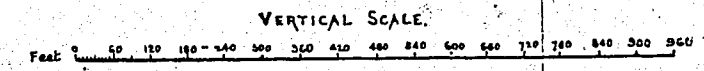
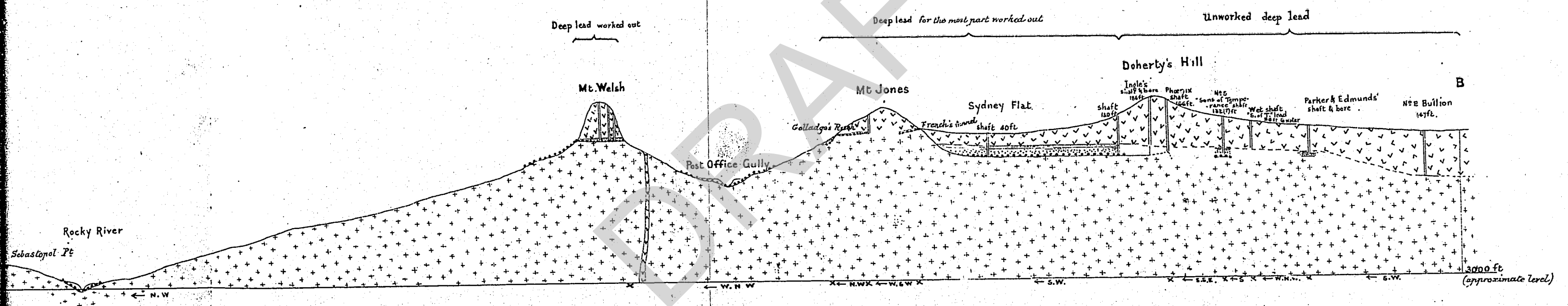


PHOTO-LITHOGRAPHED AT THE GOVT. PRINTING OFFICE, SYDNEY, NEW SOUTH WALES.

NOTE The total quantity of gold raised in this district from 1858 to 1885 has been about 120,025 ozs valued at £455,719. A payable branch lead has been worked between the 130 ft shaft at the base of Doherty's Hill and the N°5 "Sons of Temperance" shaft.

old gravel
matrix of quartz sand and quartz gravel
black clay with fossil leaves
matrix of the alluvial gold.



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