



ACCESS DATA FROM THE ST KILDA MANGROVES PIEZOMETER NETWORK

A network of piezometers is collecting information on groundwater levels in the vicinity of the St Kilda mangroves. Data from these piezometers are available for anyone to access, review, and download through the Government of South Australia's WaterConnect website.

Instructions on how to access the data is provided below.

1. Access the WaterConnect website using this link:

<https://www.waterconnect.sa.gov.au/Systems/GD/Pages/>

2. Navigate to the St Kilda mangroves piezometer network by clicking *Obswell* → *Select options* → *St Kilda mangroves* → *Search*.

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Trend Data Download Browse Mode Start Over Help About

Unit Number **Obswell** Permit Number Hundred & Parcel Property Coordinates NRM Region Landscape Board Prescribed Area

Obswell Network **1 selected** or

Obswell numbers SA Water Waikerie SIS SA Water Woolpunda SIS South East Non-Prescribed Area Southern Basins PWA **St Kilda mangroves** Streaky Bay Non-Prescribed Area Tatiara PWA

Map Layers Legend

Map

Gerakton Perth Adelaide Melbourne Brisbane Gold Coast Sydney Canberra ACT

20874 6282 2661 37203 51918 5593 125831

Map data ©2021 Google 200 km Terms of Use

Select	Detail	Unit No	Obs No	Obs Network	Permit No	Date Drilled	Max Depth (m)	Latest Depth (m)	SWL (m)	SWL Date	SWL Status	Yield (L/sec)	Yield Date	TDS (mg/L)	TDS Date	Salinity Status	Purpose	Aquifer	Status
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- Use the zoom tool (+ and – buttons) to view the locations of each piezometer. The *Satellite* view helps show each location relative to the mangroves and the salt fields. When the cursor is placed over a bore, the *Unit No* of the bore is displayed.

29 wells found.

Download Data Print Data Map Layers Legend

Map Satellite

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	Details	6628-31080		STKILD_MA		25/02/2014	3.50	3.50	1.74	20/01/2021	C			295000	21/12/2020	C			
	Details	6628-31081		STKILD_MA		25/02/2014	1.60	1.60	-0.02	20/01/2021	C			246000	21/12/2020	C			
	Details	6628-31082		STKILD_MA		25/02/2014	1.20	1.20	-0.05	20/01/2021	C			212000	21/12/2020	C			
	Details	6628-31083		STKILD_MA		25/02/2014	1.60	1.60	0.06	20/01/2021	C			164000	21/12/2020	C			

- Navigate to the piezometer you want to view data for using the scroll bar. Access the data by clicking *Details*.

29 wells found.

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Map Satellite

Select	Detail	Unit No	Obs No	Obs Network	Permit No	Date Drilled	Max Depth (m)	Latest Depth (m)	SWL (m)	SWL Date	SWL Status	Yield (L/sec)	Yield Date	TDS (mg/L)	TDS Date	Salinity Status	Purpose	Aquifer	Status
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	Details	6628-31081		STKILD_MA		25/02/2014	1.60	1.60	-0.02	20/01/2021	C			246000	21/12/2020	C			
	Details	6628-31082		STKILD_MA		25/02/2014	1.20	1.20	-0.05	20/01/2021	C			212000	21/12/2020	C			
	Details	6628-31083		STKILD_MA		25/02/2014	1.60	1.60	0.06	20/01/2021	C			164000	21/12/2020	C			

- Select the *Summary*, *Water Level*, *Salinity*, *Construction*, or *Elevation* tabs to view the corresponding data recorded by the piezometer you have selected.

Home » Data Systems » Groundwater Data » Details

Summary Water Level Salinity Well Yield Water Chemistry **Construction** Elevation Drillers Log Lithological Log Hydrostratigraph

Stratigraphic Log Photos

6628-31081

Drillhole No. 353873

Name P02 Permit No.
 Class WW Status
 Obswell No. Network STKILD_MAN
 Purpose Aquifer

Previous Next Data Download

Depth

Original Drilled Depth (m)	1.6	Date	25/02/2014
Maximum Depth (m)	1.6	Date	25/02/2014
Latest Open Depth (m)	1.6	Date	25/02/2014
Ref Elev (m AHD)	2.27	Date	01/03/2014
Cased To (m)		Min Diameter (mm)	

- Use the *Previous* and *Next* buttons to navigate to other piezometers in the network. You can also download the data you are viewing using the *Data Download* button.

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Cased To (m)		Min Diameter (mm)	

Tips and Further Information

- The *Water Level* and *Salinity* tabs will show all data collected by the piezometer you are viewing, including historical data. You can use the *Date Start* and *End* fields to filter data by the dates you are interested in.
- The *Water Level* and *Salinity* tabs present 'SWL' and 'RSWL' values. The SWL values represent the depth of the water level below ground level. The RSWL values represent the elevation of the water level above sea level.
- Because of the very high groundwater salinities in this area, the density of the water can affect the groundwater level. Care should be taken when comparing water levels from bores with widely different groundwater salinities.