

GROUNDWATER MONITORING IN THE STRATHBOGIE RANGES



**BOGIES
& BEYOND**

EXPRESSION OF INTEREST FORM

Project background

One of the most important natural resources in the Strathbogie Ranges is accessible, good quality and plentiful groundwater. Many of us rely on groundwater to fill dams and tanks and it's critical for maintaining the health of our creeks and wetlands. The importance of groundwater in the Strathbogies was highlighted by drought of 2002-2009, when many bores, dams and wetlands dried up.

It may come as a surprise, but the groundwater resources in the Strathbogie Ranges are currently poorly understood. To improve our understanding we are embarking on a long-term groundwater monitoring program. Many landholders in the Strathbogie Ranges have a groundwater bore, either for stock and domestic use, or for irrigation. These bores provide a window for observing changes in groundwater.

We are seeking to work with landholders who have a groundwater bore/well and would be interested in learning how their groundwater varies from season to season and year to year, over the next three to five years. The project will use a combination of fully automated

monitoring and manual 'bore-dipping' equipment to measure the height of your water table, water chemistry, aquifer connectedness and, ultimately, groundwater reliability.

The project plans to collect general groundwater information from bores in different parts of the Strathbogie Ranges, as well as detailed information from bores in the Seven Creeks catchment above Polly McQuinn's reservoir. We'll be having a field day early in 2018 for landholders to learn more about groundwater in the Strathbogie Ranges and this project.

Are you interested in participating?

If you:

- Have a bore/well located in the granitic or volcanic geology of the Strathbogie Ranges?
- Are interested in learning more about your groundwater?
- Are happy for the groundwater data collected by this project to be used in scientific research to better understand groundwater in the Strathbogie Ranges?

... then complete and return the attached form.



The project is investigating groundwater in the fractured rock aquifers of the Strathbogie Granite and Violet Town Volcanics landscape. If you are unsure of whether your bore is in the project area, or if you wish to be part of the project anyway, contact us to discuss.

EXPRESSION OF INTEREST – LANDHOLDER DETAILS

Personal Details

Title:	Firstname:	Lastname:
Postal Address:		
Street Address:		
Phone:	Email:	

To help us in understanding how your bore might assist the project, please answer the following questions:

1. What is the geographic location of your bore? Provide a sketch-map (attach a separate sheet), grid reference, bore number, or distance and bearing from a landmark.

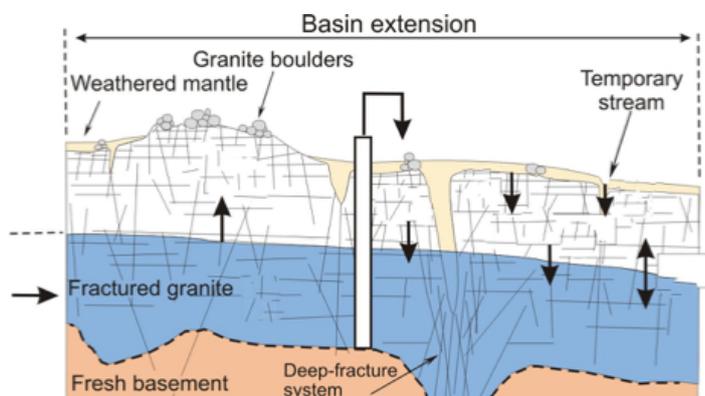
2. What is your bore’s depth and casing diameter?

Depth:	Casing diameter:
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3. What do you use the bore for eg. irrigation, stock water, domestic/household water, nothing?

4. Are you interested in attending a groundwater field day for landholders?

5. Other comments?



Schematic cross-section through a granitic landscape showing relationship between fractured rock aquifers, water table and bores.

Please return this Expression of Interest by January 31, 2018

For more information, please contact:

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