

## INFORMATION SHEET – WATER USE

Some drilling methods require the use of water.

Water is used to lubricate and stabilise the drill hole, cool the drill equipment, and return the drill cuttings to surface as it drills through rock. From time to time groundwater may also be intersected in the drilling process.

Water used for exploration drilling in the Armstrong area is sourced from a water bore and standpipe located on Garden Gully Road which is managed by the Northern Grampians Shire.

The drilling method that requires the most water use is Diamond Drilling. Over the four month period the diamond drill rig operated during the 2016/2017 field season, Navarre used on average approximately 1-2 truckloads of water per day.

The water used in the drilling process is returned to its source – the groundwater table. All drilling additives are fully biodegradable and environmentally friendly so as to prevent contamination of aquifers as per Navarre's *Exploration Licence* requirements and *DEDJTR Code of Practice for Mineral Exploration* recommended practice.

The use of groundwater for drilling is authorised by Local Government (Ararat or Northern Grampians). The use of potable water is authorised by Grampians Wimmera Mallee Water.

**More information:** Code of Practice for Mineral Exploration, Part C – 10 & 11.  
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