Land level surveying

Land level surveying is in place to measure any potential land subsidence (settling or sinking of the ground surface) resulting from operation of the Anglesea borefield.

What we are doing

Barwon Water has 30 survey monitoring points covering the area of likely drawdown of groundwater levels in the Lower Eastern View Formation (LEVF). This regional subsidence network is surveyed annually.

If land subsidence levels are recorded outside the permitted range of 20mm for two consecutive surveys at three survey locations or more, we must investigate further and change borefield operations as required.

What we have found

Monitoring of the 30 locations shown on the map below has found land surface levels to be relatively stable, with no significant subsidence observed since monitoring commenced, as shown on the graphs.

