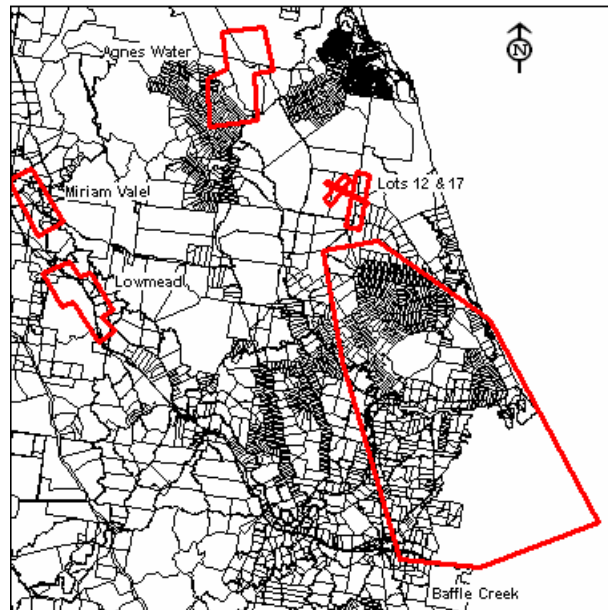


Ground Water Investigations for Agnes Water/1770 Water Supply

Council commissioned URS Australia Pty Ltd to undertake an airborne geophysical survey to assist with identification of possible groundwater sources for Agnes Water/1770 water supply.



URS used an electromagnetic system that was slung under a helicopter. The missile shaped sond emits an electromagnetic field at various frequencies. When this intersects a conductive region below ground, such as groundwater or different geological formation, it induces a secondary field. Sensitive receiving equipment in the tail of the sond is used to measure the characteristics of the secondary field.



Targets were identified from a preliminary hydrogeological review that was carried out in stage one of the project. They were Agnes Water, Lowmead, Miriam Vale and Baffle Creek. Data was collected in October – November 2004.

Results of the survey indicated that the prospects for finding groundwater generally ranged from poor to moderate. The survey did not identify any potential sources of groundwater that might be able to supply the ultimate requirements for Agnes Water/1770.

Council has resolved not to release detailed information on the URS investigation.

If people require information about the potential for groundwater, it is recommended that they contact Mr Andrew Mosser of the Department of Natural Resources and Mines in Bundaberg on 4131 5863.