

UNDERGROUND WATER ON PROPERTY OFMR J. M. GILLIES, ULVERSTONE

Mr Gillies' property is situated a mile and a half south-west of Ulverstone Post Office, a few chains south of the Leven River. It is a market garden property and Mr Gillies requires sufficient water to introduce a spray watering system, that is water at the rate of many hundreds of gallons per hour. An old well on the property is reported to be down 30 feet and when drained to make only 3 feet in twelve hours. This well has fallen in at the top.

The rock type exposed in the Nietta Railway cutting just below the house is basalt and the old well has been sunk into this rock. Consequently, supplies of water obtained in this or any other similar well would not be great. An aquifer may be encountered under the basalt but this is a doubtful proposition. I inspected an alleged spring on a neighbouring property but found it only to be a surface soak of no great extent.

I suggest that forms be sent to Mr Gillies for application for the boring plant and that if he is willing to take the risk of a dry hole put down to sub-basaltic level, the plant be sent there.

Terence D. Hughes

GEOLOGIST

17/10/1950