

UNDERGROUND WATER ON PROPERTY OF
M. F. GIBSON, CAMPBELL TOWN

Mr Gibson is anxious to obtain supplies of Underground Water at two localities on his property. The first position is about one mile North West of Campbell Town. Rock outcropping on this portion of the property is basalt which has weathered in places to several feet of soil and boulders. Supplies of Underground Water may be obtained from the following sources :-

1. Small to moderate supplies from the surface soil, weathered basalt and joints in the basalt.
2. Larger and more permanent supplies from a deeper bore that would need to pass through the basalt to a possible sand bed below.

The basalt flows in this area undoubtedly overlie Tertiary sediments. However, the beds of the Launceston Tertiary Basin include large extents of clays and it is not certain that a bore would necessarily pierce a sand or gravel bed. The thickness of the basalt cannot be ascertained with accuracy. P. B. Nye states that this basalt is 100 or more feet in thickness. Thus it cannot be said with certainty that supplies of Underground Water could be obtained. Mr Gibson, however, is so anxious to secure supplies of water that he is willing to risk a negative result. A bore should be sited in a natural depression channel which would contain the most plentiful supply of the upper seepage water.

The second locality is five miles North of Campbell Town and one mile East of the Midland Highway. Here a well has been sunk to 40 feet in Tertiary Sands and Clays and is quite dry. A bore should continue from here until impervious rock is encountered.

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