

REPORT ON POSSIBILITIES OF OBTAINING UNDERGROUND  
WATER SUPPLIES ON THE PROPERTY OF MR. C. TRIFFITT  
TUNBRIDGE.

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The locality where it was desired, if possible, to obtain a supply was in the small cultivated paddocks near the stables.

Except for a small area corresponding to the cultivation in these paddocks the surface is occupied by the typical Tasmanian diabase of Upper Mesozoic age. The small area of cultivated land represents a small and shallow depression in the diabase. It comes into existence just south of the more southern of the two cultivated paddocks and runs through them in a northerly direction out of the property. This depression forms a natural drainage channel for these paddocks. It is filled with soil washed down from the adjacent diabase hills. The subsoil as exposed by ploughing is a rather stiff, darkish clay. Similar material will occur down to the bedrock of this depression. Such material, while it holds large quantities of water, will not yield them readily. Further, the total catchment area of the depression is only 10 to 15 acres, so that the amount of water which might enter it would be small.

The possibility of obtaining a supply of underground water is therefore small, and the quantity of water, if any, obtained would be limited.

However, Mr. Triffitt states that he only requires a few hundred gallons per day, which is a comparatively small amount. If there is an urgent need of water at the stables, and a supply cannot be readily obtained elsewhere (except by carting or pumping from the river) it might be worth while running a risk as to the quantity of water and having a bore-hole put down. That question is one for Mr. Triffitt to decide.

Sgd. P.B. Nye  
GOVERNMENT GEOLOGIST.

Hobart.

22nd May, 1925.