

REPORT ON THE POSSIBILITY OF OBTAINING SUPPLIES  
OF UNDERGROUND WATER ON THE PROPERTY OF  
MR. ROTHWELL

This property is situated in the township of Tunbridge between the Main Road and the railway and a distance of  $\frac{3}{4}$  mile south of the railway station.

The property consists of ancient river deposits formed along the course of the Blackmans River. On the property itself these deposits contain numerous pebbles of diabase, the matrix being of a clayey nature. Immediately to the north west they are generally of a sandy nature with very few pebbles. These deposits will overlie Upper Mesozoic diabase at depths of probably 10 to 40 feet.

It is probable that supplies of underground water will be obtained from these river deposits down to the bedrock of decomposed diabase, and possibly even in the upper part of the latter. No further supplies would be obtained once the unaltered diabase was reached.

No definite information as to the quantity and quality of the water can be given. Generally the conditions may be taken as similar to those occurring at Oak Farm where a supply exists in an old well. The water in the latter is suitable for live stock, but not so suitable for domestic purposes.

As to just how far the conditions are identical, however, could only be determined by actual boring.

P.B. Nye  
GOVERNMENT GEOLOGIST.

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