

REPORT ON POSSIBILITY OF OBTAINING UNDERGROUND
WATER ON MR. TRIFFITT'S PROPERTY

The part of this property on which it is desired to obtain water is situated several hundred yards east of the Township Lagoon, Tunbridge.

The rocks occurring here are quartz sandstones belonging to the Ross series of the Trias-Jura system. They are generally horizontally bedded, but at certain outcrops moderate dips are apparent.

Diabase (ironstone) of Upper Mesozoic age occurs to the west and south of the sandstones. The intrusive nature of the diabase is evident from the occurrence of cherts near its boundaries. Near the proposed bore-site the sandstones appear to have been slightly altered to types resembling quartzites.

Generally the possibilities of obtaining supplies of water in the Ross sandstones are favourable. The apparent slight alteration of the sandstones by the diabase and the possible occurrence of the latter at moderate depths somewhat decreases the possibilities.

The case is by no means hopeless, and if a water supply is desired at this locality the only procedure possible is to take the risk of obtaining a supply under these conditions and to put down a bore-hole.

No definite information can be given as to the quantity and quality of the water. The water will contain a certain amount of common salt, but the amount of this substance present, which determines the use of the water for various purposes, can be determined only by a test.

(Sgd.) P. B. Nye.
GOVERNMENT GEOLOGIST.

Hobart,
3rd July, 1925.