

REPORT

on

UNDERGROUND WATER - PEARCE'S PROPERTY, BERRIEDALE

The examination of this locality has shown that the conditions are not favourable for the obtaining of supplies of underground water.

The greater part of the property, particularly the higher ground, consists of Permo-Carboniferous mudstones and limestones which will not carry water. There are also some areas of diabase which, of course, carry no water.

The only locality which will carry any appreciable underground water is at the site of the old dam up the creek above the lower orchard. At this point the diabase crosses the creek and will serve as an underground dam for the water contained in a sandstone which underlies the limestones and mudstones. A porosity test of this sandstone, however, has shown 7 per cent only so that the conditions are not suitable for the yielding by the sandstone of water in a bore.

The only way to obtain the limited supply of water that will be available will be by sinking a well and driving a small tunnel underneath.

A further supply of water will be obtained in the sandstone country in the lower orchard. This also would be best done by sinking a well and not a bore.

The amount of water in any case will have definite limitations.

(Sgd.) Loftus Hill,

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Launceston,

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