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10th May, 1954

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MEMORANDUM

POSSIBILITIES OF UNDERGROUND  
WATER ON PROPERTIES OF  
E. ROE AND OTHERS. ROSEVEARS

This group of small properties lies on the River side of the West Tamar Road about a mile beyond the Rosevears jetty and extending to the foreshore. The greatest elevation above the high tide mark is less than 30 feet.

From river level to about the 250 feet contour the ground is underlain by thick beds of Tertiary clays covered by a thin coating of dolerite soil and talus. The possibility of water bearing sand or gravel beds occurring in these clays seems remote as extensive boring on the opposite side of the Tamar at this point indicated. Even if there were sand beds at reasonable depths the area is so close to the river that water supplies would be brackish.

I have acquainted Mr. Roe and others of these facts and suggested that while boring is unsuitable, it might be possible to obtain small quantities of surface water in long shallow trenches.

Sgd. Terence D. Hughes

GEOLOGIST

The Director of Mines,  
HOBART.