

TDH:3

11th May, 1953

MEMORANDUM:POSSIBILITIES OF UNDERGROUND WATER AT
SPREYTON.

The Devonport Golf Club have recently purchased a property situated on the Western Bank of the Mersey, near Spreyton a few miles south of Devonport. They are desirous of obtaining large supplies of underground water for irrigating greens, fairways &c. The area is covered by seemingly large deposits of fine river alluvium which should yield some supplies of water. However, these supplies would be inadequate for the purpose required.

Just South East of the Spreyton Railway Station, a bore put down during oil exploration yields large supplies of Artesian water of good quality. A.M. Reid in his publication "Oil Shale Resources of Tasmania" states that a water supply at the rate of 360 gallons a minute was tapped in porous Cambrian strata lying below impervious Permian beds. These latter beds dip to the North at about 10°. Between the railway line and the golf property the rocks are covered by alluvial deposits but if they continue to dip in the same direction and there is no intrusion of dolerite (and there is no evidence of such), then the artesian supply should be tapped near the Southern boundary of the property at a depth of one thousand feet.

(Sgd.) Terence D. Hughes

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