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22nd September, 1952.

MEMORANDUM:UNDERGROUND WATER POSSIBILITIES ON PROPERTY  
OF STAN CLARK, DROMEDARY.

This property is situated on either side of the road which leads past the Dromedary Hall to connect with the Brighton - Broadmarsh Road, and about half a mile from the North Derwent Road. From the road the hill side rises fairly rapidly to the East but West of the Road is a narrow stream flat.

The rock underlying the major portion of the property is a sandstone of Triassic age and forms portion of a down faulted block some 30 chains in width. This sandstone is a good aquifer and plentiful supplies of underground water should be obtainable from this rock. The depth to the water table will vary according to the spot selected but in the valley it should be less than fifty feet. The water may contain a percentage of salt but should be suitable for stock or agricultural purposes. Two well defined faults which occur in this area cross the River Derwent, which here has a high salt content. Water from the River would tend to move up these faults and pollute the ground water. However as this property is more than half a mile from the River the effect of the River water should be very slight if not non-existent.

The above information was discussed with Mr. Clark and it is suggested that boring contract forms should be sent to him.

A general geological report and maps of the Dromedary- Magra District is being prepared.

(Sgd.) Terence D. Hughes

GEOLOGIST

The Director of Mines,  
HOBART.