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9th January, 1951.

MEMORANDUM:

UNDERGROUND WATER ON PROPERTY OF

D. W. FLACK, DROMEDARY.

Mr. Flack has a small property near the Northern shore of the Derwent River, two miles West of Bridgewater.

There are no springs or creeks on the property and he urgently requires water to enable him to grow vegetables.

An old well in the property, although full of water, has been almost filled with rubbish. From information received from previous owners he states that the well is 30-40 feet deep and at that depth did not make much water.

This well is located in a small patch of sandstone and the collar is almost 20 feet above high tide level of the river. Some underground water would be expected in this stratum and its depth should not be greater than river level, i.e. not more than 20 feet from the surface. Thus if the well is the supposed depth there is no point in deepening it or in boring for water in the hope of an improved supply. The well is 10 chains from the tidal flats of the river and the water in it should not be polluted to any extent by salt water.

I have suggested to Mr. Flack that he should clean out the well and thus obtain some supply of water which even if it is not sufficient for his needs would at least be of some use.

(Signed) T. D. HUGHES

GEOLOGIST.

W. H. Williams,
DIRECTOR OF MINES.