

UR 1953/25

TDH:2

22nd January, 1953.

MEMORANDUM:WATER POSSIBILITIES AT PROPERTY
OF DR. J. MC.DONALD, ROSEVEARS.

Dr. McDonald has a small property, situated on the River Tamar about two miles beyond the Rosevears Jetty and he is desirous of obtaining adequate water supplies for domestic and garden needs. Just a few feet from the high tide mark he has a small hole about two feet deep which yields up to 100 gallons of water per day.

The property is covered by dolerite soil and boulders and the rock outcrops further up the hill. Coarse grained sandstones outcrop right at the waters edge. It is useless to look for supplies of underground water in the dolerite, nor would it be practicable to obtain water from the sandstones as any water from these would be salty due to the river water. Therefore, it appears that the only water to be obtained is that seeping down through the soil and boulders and which is in effect not underground, but surface water. This is already being done in part and the supply could be augmented by extending the hole to form a ditch running parallel with the surface contours. A surface seep further up the hill could also perhaps be exploited. I have discussed these matters with Dr. McDonald.

(Sgd.) Terence D. Hughes

GEOLOGISTThe Director of Mines,
HOBART.