

TDH:3

28th January, 1953.

MEMORANDUM:WATER POSSIBILITIES AT CARLTON BLUFF

This is a property owned by Mr. B.S. Simmonds and situated near the mouth of the Carlton River on the opposite side from the village of Carlton.

Most of the property is underlain by massive dolerite, a non-aquifer but on the edge of the river on the inland side of Carlton Bluff beds of Triassic Sandstone outcrop.

The topography suggests that these sandstone beds extend across the low lying land between Carlton Bluff and the dolerite hills behind the homestead.

The surface of this flat land is covered by sand and beneath this is a clay washed down from the weathered dolerite. If this clay is not absolutely a continuous sheet then the sandstones should contain supplies of fresh underground water, but if it is, then the supplies would be brackish. However the former possibility is the one expected. The water should occur within twenty feet of the surface near the dairy and it is certainly worth while trying a bore hole or well here.

Meantime there appear to be good supplies of surface water on the inland side of two lagoons. This water is contained in the foot or so of sand above the clay and could be utilised by means of large shallow dams.

(Sgd.) Terence D. Hughes

GEOLOGIST

Director of Mines,
HOBART.