

WLM/3

19th September, 1960.

MEMORANDUMVisit to Water Bore Applicants at Ranelagh.L. B. Woods and Son

Mrs. Woods and her son require water for irrigation of an orchard of 2½ acres and also for irrigation of grass paddocks.

The farm in question is underlain by fossiliferous sandstone of the Woodbridge Glacial formation, on the side of a hill to the north west of Ranelagh township. This is overlain by mudstone. The lower parts of the district are underlain by river deposits of the Mountain River.

Some springs coming from the side of the hill are said to be permanent and it was suggested that it might be more economic to develop these by bulldozing holes around them. Apart from this, the position would probably be unfavourable on the side of the hill. However a valley on the south side of the property, and the flood plain on the eastern side of the property would be suitable for boring and Mrs. Woods may bore in one of these localities.

Mr. Reg Walton.

Mr. Walton's property is situated near the middle of the Mountain River Valley. He requires water for irrigation of an orchard.

River gravels, sands and clays underlie the valley and in this area probably reaches a considerable thickness. Underlying the gravels is a Permian mudstone. If water is not found in the river deposits, then it is likely, that the mudstone will yield a supply. The site was recommended.

Mr. Ron Sheppard (J. Sheppard & Son)

Mr. Sheppard's property adjoins that of Mr. Walton's and the same conditions apply.

W.L. Matthews
(W.L. Matthews)
GEOLOGIST.

Director of Mines,
Department of Mines,
HOBART.