

NLM/3

15th November, 1960.

MEMORANDUM

VISIT TO APPLICANTS FOR WATER BORES IN CIRCULAR HEAD
MUNICIPALITY DURING WEEK ENDED 11th NOVEMBER.

M. House, Stanley.

Mr. House's property is situated on the northern end of Green Hills which consists mainly of Tertiary basalt. Of four bores in the area, only one has been successful. Some wells have also been successful. The northern end of the property is a flat which slopes gently towards the sea. A site was selected in a small basin in this flat. However, Mr. House has selected a site on a small hill not far from where a well was dug to a depth of 40' without success and unweathered basalt was encountered. He intends boring here first because of its nearness to the power line.

Blake Bros., Forest.

A site for boring has been selected by a water diviner on the edge of a basalt hill, where, it is said, that two underground creeks begin. A site was recommended to the North East of the house in a valley which runs down into the valley of one of the above mentioned creeks (where it reaches the surface). The Blakes intend boring on the divined site.

L.E. Reid, Alcomie.

Alcomie is situated in an area of basalt and Mr. Reid wants his bore in his back yard which is on a small ridge, since this is the most convenient place. A site was picked about 6 chains to the east, not far from a well which met success at a shallow depth. Mr. Reid intends to move to the latter site if the first fails.

Director of Mines, Hobart.

E.H. Quilliam, Montagu.

Mr. Quilliam requires water on his property at West Montagu. One attempt has already been made without success. The site is on a hill of Cambrian siltstones with lavas at a fairly shallow depth. Mr. Quilliam intended to drill within about 30' of the old hole but when told he would probably encounter the same problem, as in the previous hole (i.e. lavas) he was undecided whether to bore. It was suggested that it may be better to try in a shallow valley to the south of the house, where the lavas may be weathered. The lavas, here, appear to come to the surface, however, and the site was not recommended. Other places on the property would be suitable for boring but supplies from creeks would probably be more economic.

S. Tatlow, Stanley.

Mr. Tatlow has a small property at Wiltshire on the west side of the Black River. Outcrops of Precambrian quartzite occur in places. Otherwise the landsurface is very flat. A well dug to a depth of 6' has water in it and the rock type was black siltstone. Water has been obtained from similar siltstones in the South Forest area.

A new railway line has been surveyed and will cut this property in half. Mr. Tatlow intends leaving the bore until this has been completed.

E.J. Hope, West Kentish.

Mr. Hope enquired about a bore but has decided to dig a well instead.

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

Director of Mines,
Department of Mines,
HOBART.