

TDH:2

31st August, 1953.

MEMORANDUM:

Recently I visited the Mowbray Racecourse in connection with a request from the Tasmanian Turf Club for advice concerning possible supplies of underground water.

The Racecourse is constructed in clays of the Launceston Tertiary Basin and is about one hundred feet above the swamp at Invermay which itself approximates to sea-level. Sometimes these clays contain beds of sand that are aquifers, although these do not appear to be common in this locality. Near the eastern boundary of the property is a stream augmented by the overflow from reservoirs. On the eastern bank of this stream are outcrops of dolerite which once formed the shore of the Tertiary Lake.

It would appear that the prospect of obtaining supplies of underground water is not good. However, as there is a possibility of sand beds occurring in the clay and as no rock is expected to be encountered, it may be possible for the Club to obtain a handboring plant and sink a trial hole to a hundred feet.

(Sgd.) Terence D. Hughes

GEOLOGIST

The Director of Mines,
HOBART.