

FB/3

10th August, 1956

MEMORANDUM

Boring for Underground Water on Property of  
K. Chancellor, Sandford.

This area was examined on 1st <sup>August</sup> ~~July~~, 1956,  
with the object of siting a bore hole for possible  
underground water.

The eastern portion of the property is an  
alluvial flat lying within a sub-artesian basin as  
indicated on the geological map accompanying Underground  
Water Supply Paper No. 3,

Clays are exposed below the surface soil in  
several shallow water holes, excavated at various points  
along drainage channels. Bedrock in this vicinity will  
likely consist of Permian sandstones and mudstones.

The possibility of obtaining underground water  
depends largely on the probable existence of sand or  
gravel beds below the clays.

The owner desires to obtain a sufficient  
water supply of a quality suitable for irrigation  
purposes. Since there is no record of any previous  
bores in this vicinity the quality and quantity of  
possible underground water in the local Tertiary deposits  
is open to conjecture.

A proposed bore site was indicated to the  
property owner and the position shown on Air Photo,  
Hobart, Run 14, No.1619.

(F.Blake)  
GEOLOGIST

The Director of Mines,  
Department of Mines,  
HOBART