

TDH:1

2nd March, 1951.

MEMORANDUM:PROPOSED DEDICATION AS A STATE FOREST
OF 36,000 ACRES IN PARISHES OF BARROW
AND NORTH ALBERTON.

I have this week carried out a brief geological reconnaissance of this area and have obtained the following information :-

The area is divided geologically into two portions by a fault, which we may call the Musselboro Fault, running along the course of Musselboro Creek and the Eastern scarp of the Mount Barrow Plateau. To the west of this fault, comprising about two-thirds of the proposed dedication, is an area of dolerite with small remnants of the intruded Permian strata. To this area we can have no objection.

To the East of the fault is an area of Mathinna Slates and Quartzites intruded by granite. The Mathinna Series is a gold bearing rock type and colours of gold may be washed in creeks in this area. We must, therefore, raise an objection to the area covered by these rocks. I think that also we must object to the granite area as in the past alluvial gold has been obtained from decomposed granite in the Camden Plains Area.

These distinct portions of the proposed dedication are shown on the attached tracing which is made to fit over the chart supplied.

It should be placed on record that the geological map of Tasmania is incorrect in this district. It is only to be expected that the boundaries are not accurate but a large area of basalt shown here is non-existent.

Signed: Terence D. Hughes,

GEOLOGIST.