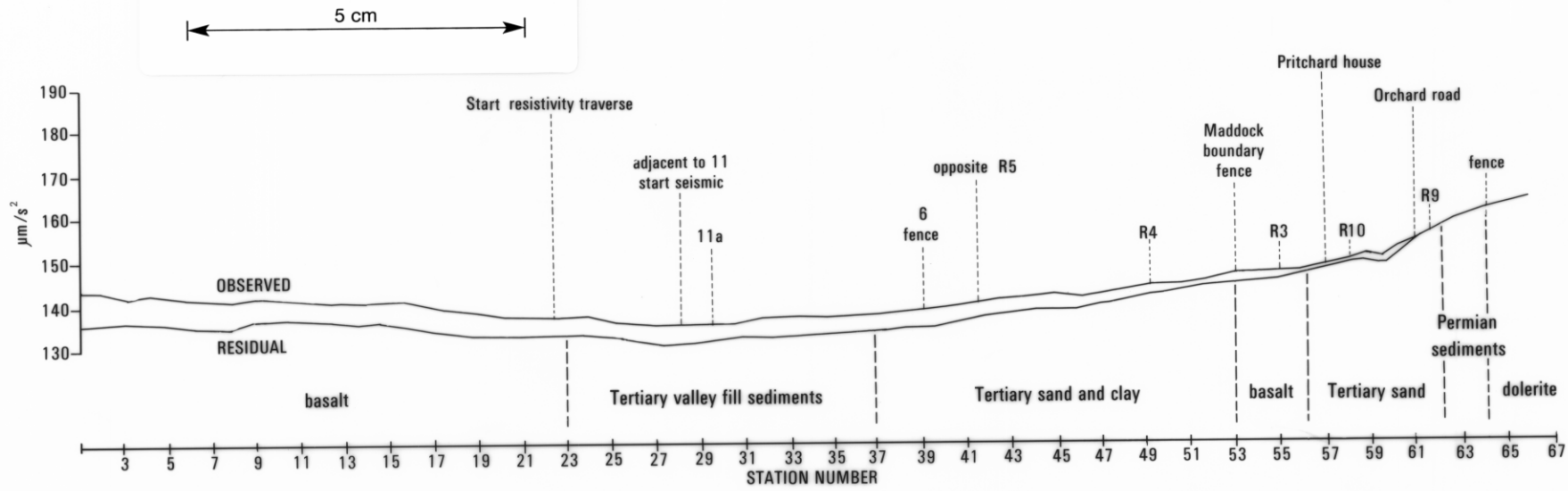


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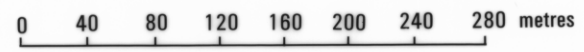
The $50 \mu\text{m/s}^2$ rise in anomaly between stations 1 and 20 reflects a thickness of 10-20 metres basalt on or near the section line. The thickness estimate presumes a consistent thickness of Tertiary sediments overlying Triassic rocks and is dependent on the state and density of the basalt.

There is insufficient data over this area to establish the thickness and form of the Tertiary sediments.

The anomaly rise between stations 37 and 59 could be due to two factors: dolerite to the west or thick flows of basalt or both. There is inadequate coverage to resolve the possibilities. If basalt, more than 20 metres thickness is implied.

Anomaly related to dolerite body. Coverage too short to establish scale of the body. Gradient implies thickness in excess of 100 metres

TEST GRAVITY PROFILE : PRITCHARDS ROAD SECTION , UPPER DAMSITE , WHITEWATER CREEK , KINGSTON



GEOPHYSICIST: D.E. LEAMAN
GEOLOGIST: W.R. MOORE

TASMANIA, DEPARTMENT OF MINES

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Figure 17