

OR 1929/50

BRIEF PRELIMINARY REPORT ON UNDERGROUND WATER AT GEEVESTON. 50

A one-day examination was made at the request of Mr. J. Avery of the Tasmanian Paper Pty. Ltd.

The Company are desirous of obtaining a large supply of underground water if possible in the Kermandie River drainage system.

The rocks of the district are:-

- (a) Permo-Carboniferous Mudstones, etc.
- (b) Ross sandstones (?)
- (c) Mesozoic diabase
- (d) Tertiary sandstones
- (e) Recent alluvium.

In the area near Geeveston, diabase occupies considerably more than 50% of the surface and the tracts of sedimentary rocks are so restricted that I would not recommend the Company boring in that area.

From information received from Mr. Avery, it appears that a much larger area of sedimentary rocks occur in the valley of Scott River.

I would recommend that this area should be geologically surveyed before the question of underground water be finally decided.

As far as I could see in the short time available the diabase bodies are transgressive and I would not recommend drilling through them in the hopes of encountering underlying sedimentary rocks.

P. B. Nye
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