

NURSES HOME, NEW NORFOLK.

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On 20th December, 1955, I submitted a report tendering information relative to the foundations at the site selected for the New Nurses Home at New Norfolk.

On re-reading that report I have concluded that I have misinterpreted the geological structure occurring there.

I have stated that to the south of the site sandstones and mudstones of Permian age occur but the next paragraph of my report does not bear investigation.

As the permian strata occur at a much greater altitude than the basalt which are Tertiary in age it must follow that the Tertiary strata over which the basalts flowed have been down thrown by faulting.

The material passed through by sinking is in fact younger than the basalts and consist of clays and soils resulting from deposition of river and lake sediments which may be overlying basalt or other lake sediments.

The corrected section of the country to bedrock should therefore read

- (1) Surface soils, clayey in nature, with some vegetation.
- (2) A thickness of hard dark clayey soil probably resulting from decomposition of basalt, and deposition of sediments.
- (3) A brown clayey soil with rounded boulders deposited by river action.
- (4) Tertiary shales and mudstones or basalt in situ.
- (5) Tertiary sediments clays and gravels.

It is only by boring or further pit sinking that proof will be obtained as to whether basalt or sediments occur at depth.



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