

Possible landslides in the Hillwood district.

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Much of the north of this district has suffered large scale landslipping in the past. This will have weakened the clay material and left the slopes potentially unstable. The southern part of the area is considered to be relatively stable, but could be disturbed by uncontrolled development. The district immediately around Hillwood is considered safe for construction.

A map which outlines the different areas is included (fig. 1), with the following descriptions and recommendations.

Area A

This area is on dolerite and is considered to be quite safe for building.

Area B

In these areas there is a slight possibility of future landslips. The risk can be kept minimal if precautions are taken with drainage and construction.

The following precautions are recommended:

- (1) Great care should be taken not to block existing drainage paths, such as by blocking creeks, or building over springs.
- (2) Buildings should be kept off steeper slopes, and away from creeks.
- (3) Septic tanks must not be used.
- (4) Storm drainage should be intercepted and piped into the normal drainage paths.
- (5) There may be difficulties with cuttings. Deep cuttings across the slope must be avoided.
- (6) Retaining walls must be well drained, crib walls are recommended.
- (7) Heavy constructions such as reservoirs will need to be sited where there is solid base rock.

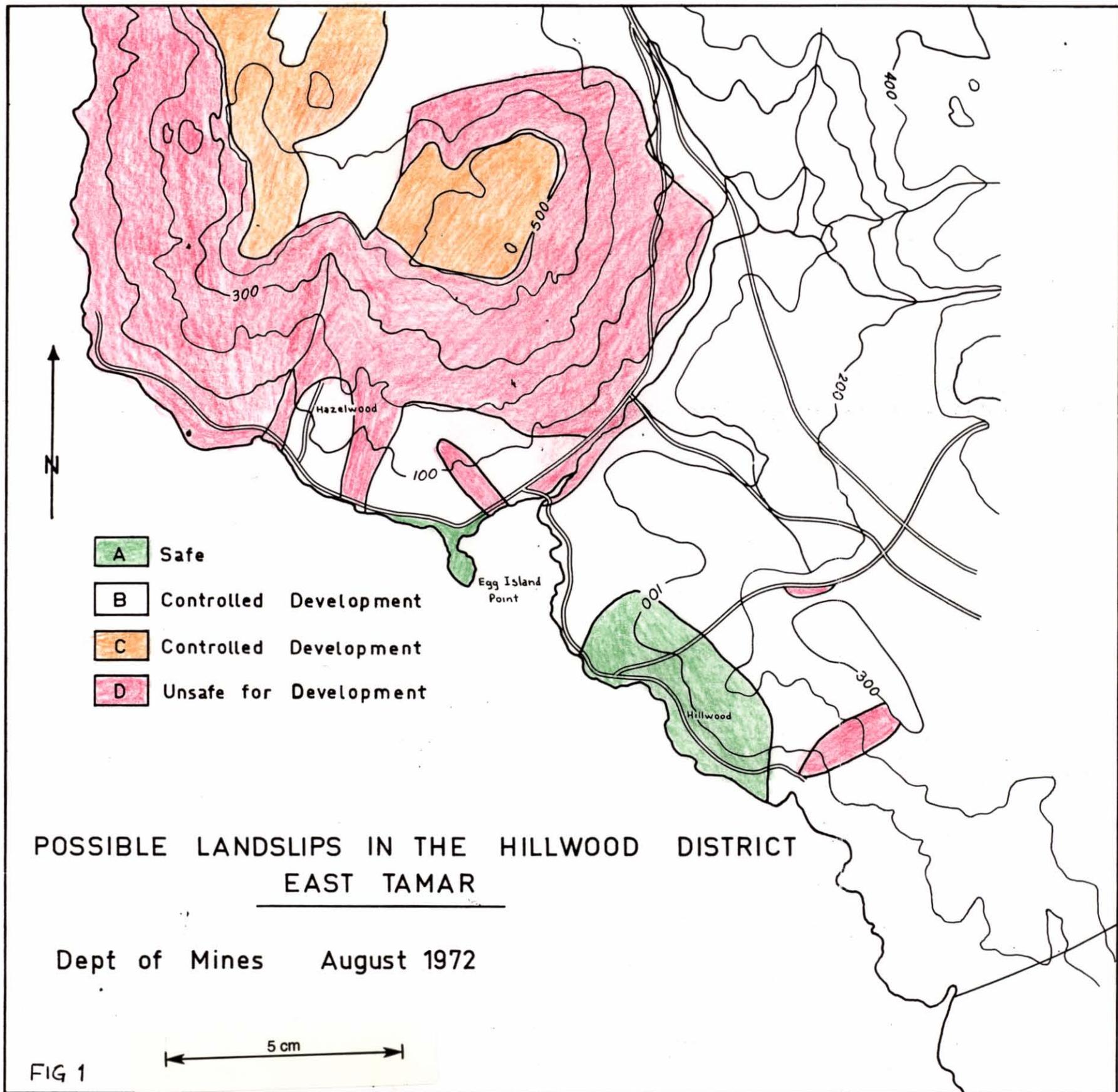
Area C

These areas are of basaltic rock. If buildings are kept away from the edge of the scarp, there should be no stability problem. However, it is essential that drainage is not permitted to flow on to the clay hillsides below. It may be carefully directed to free flowing creeks.

Area D

In these areas there is considerable possibility of landslipping and building development is not recommended.

[9 August 1972]



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