

SITE: GL59

Land unit: Gorae Basalt

Aust. Soil Class.: Ferric, ?, Brown CHROMOSOL (confidence level 3).

General Land Unit Description:

This land unit has a variety of soil types occurring over a short distance. Red Ferrosols and Dermosols as well as Black Chromosols are found in association with the more dominant Ferric Brown Chromosols (similar to this site). The Brown Chromosols have been used to represent this area as they are deemed to be the major soil type, and due to restrictions of scale the other soil types have not been mapped as individual units. It must be noted however, that the better drained soils (Red Ferrosols and Dermosols) have a higher capability of supporting a range of land uses (e.g. Viticulture), due to their favourable physical and chemical properties. This site illustrates the limitations of scale as it is mapped as an alluvial terrace, whereas it is actually a basalt slope leading to the terrace.

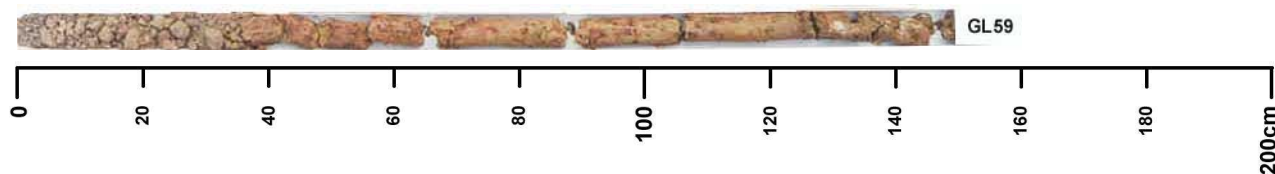
Site Description:

Geology: Quaternary Basalt

Landform pattern: Gently undulating plain

Position in landscape: Lower slope

Internal drainage: Moderately well drained



Key profile features:

- [Ferromanganiferous horizon](#)
- [Strong texture contrast between topsoil and subsoil](#)
- [Mottled subsoil](#)
- [Bleached A2 horizon](#)