

Soil Site Information Sheet

FLINDERS

FI104V

Site Information

Easting: 587352
Northing: 5557355 GDA94 MGA zone: 55
Date Description: 15/11/13
Elevation (m): 5
Aspect (degrees): 47

Rain (mm/yr): 723
Runoff: Slow
Drainage: Imperfectly drained
Permeability: Slow
Land Capability: 5s



Soil Description

A1	0 - 0.14 m	Black (7.5YR2.5/1-Moist); Sandy loam; Moderate grade of structure, 5-10 mm, polyhedral;
B2	0.14 - 0.35 m	Dark brown (10YR3/3-Moist); Few (2-10%), mottles; Sandy light clay; Moderate grade of structure, 5-10 mm, subangular blocky; Few (2-10%), coarse gravelly (20-60 mm), subrounded, dispersed, strong, limestone, coarse fragments; Soil matrix is slightly calcareous;
B3	0.35 - 0.53 m	Very dark grey (10YR3/1-Moist); Few (2-10%), substrate mottles; Light clay; Massive grade of structure; Many (20-50%), cobbly (60-200 mm), subrounded, dispersed, strong, limestone, coarse fragments; Soil matrix is highly calcareous;

Land Form Element (20m radius from site)

Slope Class: Very gently sloped
Elem. Type: Plain
Morph. Type: Flat

Stoniness

Few (2-10%), cobbles (60-200 mm)

Geology

Observed: Limestone at 0.53 m.
Mapped: Undifferentiated Quaternary sediments.

Soil Classification

Australian Soil Classification: Brown Dermosol
ASC Confidence: No analytical data and little or no knowledge of this soil.

Notes

Site: Whitemark soil type - shallow sandy loam over limestone.
Substrate: Shallow profile due to underlying limestone.