Soil Site Information Sheet

FLINDERS **FI002**

Site Information

Easting:	587576	**Rain (mm/yr):**	752
Northing:	5556528 GDA94 MGA zone: 55	**Runoff:**	Moderately rapid
Date Description:	15/11/13	**Drainage:**	Imperfectly drained
Elevation (m):	5	**Permeability:**	Slow
Aspect (degrees):	214	**Land Capability:**	4d

Soil Description

A1	0 - 0.1 m	Black (7.5YR2.5/1-Moist); Fine sandy loam; Moderate grade of structure, 10-20 mm, polyhedral;
B1	0.1 - 0.2 m	Very dark greyish brown (10YR3/2-Moist); Common (10-20%) mottles; Light clay; Moderate grade of structure, 20-50 mm, subangular blocky;
B2	0.2 - 0.42 m	Very dark grey (10YR3/1-Moist); Few (2-10%) mottles; Light clay; Massive grade of structure; Common (10-20%) calcareous nodules; Soil matrix is very highly calcareous;
B3	0.42 - 0.57 m	Dark grey (10YR4/1-Moist); Few (2-10%) mottles; Light clay; Massive grade of structure; Very few (0-2%), coarse gravelly (20-60 mm), subangular, dispersed, very strong, coarse fragments; Common (10-20%) calcareous nodules; Soil matrix is very highly calcareous;
C1	0.57 - 0.75 m	Light grey (10YR7/2-Moist); Common (10-20%) substrate mottles, Clayey sand; Single grain grade of structure; Many (20-50%), fine gravelly (2-6 mm), angular, dispersed, very strong, coarse fragments; Common (10-20%) calcareous nodules; Soil matrix is very highly calcareous;
C2	0.75 - 1.02 m	Very pale brown (10YR7/3-Moist); Common (10-20%) substrate mottles; Coarse sand; Single grain grade of structure; Soil matrix is very highly calcareous;
C3	1.02 - 1.28 m	Yellowish brown (10YR5/8-Moist); Many (20-50%) substrate mottles; Coarse sand; Single grain grade of structure; Soil matrix is very highly calcareous;

Land Form Element (20m radius from site)

Slope Class: Very gently sloped
Elem. Type: Drainage depression
Morph. Type: Flat

Stoniness

No surface coarse fragments

Geology

Observed: No Data
Mapped: Undifferentiated Quaternary sediments.

Soil Classification

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

Notes:

Profile: Shells in B2, B3 and C1 horizons. Shell fragments in C2 horizon.