

Project Name: BOC
Project Code: BOC **Site ID:** P103 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	T.R. Poutsma	Locality:	~20 chains from point 0.5KM south along road 1806 from junction of road 1806 and road 6101:
Date Desc.:	18/09/51	Elevation:	No Data
Map Ref.:	Sheet No. : 2135 1:100000	Rainfall:	0
Northing/Long.:	116.384444444445	Runoff:	Moderately rapid
Easting/Lat.:	-31.149444444445	Drainage:	Moderately well drained

Geology

Exposure Type:	Soil pit	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Peneplain
Morph. Type:	Lower-slope	Relief:	No Data
Elem. Type:	Footslope	Slope Category:	Very gently sloped
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Mesotrophic Subnatic Grey Sodosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	N/A

Analytical data are incomplete but reasonable confidence.

Site Disturbance: No effective disturbance. Natural

Vegetation:

Tall Strata - Tree, , . *Species includes - None Recorded

Surface Coarse Fragments: 2-10%, , , Substrate material

Profile Morphology

A1	0 - 0.06 m	Grey (10YR6/1-Moist); ; Loamy sand; Single grain grade of structure; Dry; Loose consistence; 10-20%, fine gravelly, 2-6mm, Substrate material, coarse fragments; Diffuse, Smooth change to
A2	0.06 - 0.15 m	Light brownish grey (10YR6/2-Moist); ; Loamy sand; Single grain grade of structure; Dry; Loose consistence; 20-50%, medium gravelly, 6-20mm, Substrate material, coarse fragments; Diffuse change to -
B1	0.15 - 0.69 m	Light olive grey (5Y6/2-Moist); ; Sandy medium clay; Dry; Very weak consistence; 50-90%, medium gravelly, 6-20mm, Substrate material, coarse fragments; Diffuse change to -
B2	0.69 - 0.96 m	Grey (10YR6/1-Moist); , 10YR56; Medium clay; Very strong consistence; 50-90%, medium gravelly, 6-20mm, Substrate material, coarse fragments; Diffuse change to -
B3	0.96 - 1.4 m	Grey (10YR6/1-Moist); , 10YR56; Heavy clay; Rigid consistence; 10-20%, medium gravelly, 6-20mm, Substrate material, coarse fragments;
B4	1.4 - 2.29 m	Yellow (10YR7/8-Moist); , 10YR61; Heavy clay; Weak consistence; 10-20%, medium gravelly, 6-20mm, Substrate material, coarse fragments;

Morphological Notes

Observation Notes

GV THROUGHOUT FERRUGINISED:15-69CM TEXTURAL CHANGE OVER 58CM LS-SCL-L:

Site Notes

AVON LD

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[illegible]

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Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
15J_H	Sum of Ex. cations + Ex. acidity - Sum of basic exch. cations and exch. (Hydrogen)
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension