

**Project Name:** BOC  
**Project Code:** BOC      **Site ID:** P102      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (WA)

**Site Information**

<b>Desc. By:</b>	T.R. Poutsma	<b>Locality:</b>	.8KM south along road 68 from junction of road 68 with road 6101:
<b>Date Desc.:</b>	18/09/51	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>	Sheet No. : 2135 1:100000	<b>Rainfall:</b>	0
<b>Northing/Long.:</b>	116.378333333333	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	-31.1511111111111	<b>Drainage:</b>	Moderately well drained

**Geology**

<b>ExposureType:</b>	Soil pit	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	Unconsolidated material (unidentified)

**Land Form**

<b>Rel/Slope Class:</b>	Gently undulating plains <9m 1-3%	<b>Pattern Type:</b>	Peneplain
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Plain	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	0 %	<b>Aspect:</b>	135 degrees

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Mesotrophic Subnatic Grey Sodosol		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	N/A
Analytical data are incomplete but reasonable confidence.			

**Site Disturbance:** Limited clearing, for example selective logging

**Vegetation:**

Mid Strata - Tree, , . \*Species includes - None recorded  
Tall Strata - Tree, , . \*Species includes - None Recorded

**Surface Coarse Fragments:**

**Profile Morphology**

A1	0 - 0.1 m	Grey (10YR5/1-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; Diffuse, Irregular change to -
A2	0.1 - 0.33 m	Light brownish grey (10YR6/2-Moist); ; Sand; Single grain grade of structure; Dry; Loose consistence; 2-10%, medium gravelly, 6-20mm, Substrate material, coarse fragments; Clear, Irregular change to -
B1	0.33 - 0.53 m	Light brownish grey (10YR6/2-Moist); ; Sandy medium clay; Dry; Rigid consistence; 20-50%, medium gravelly, 6-20mm, Substrate material, coarse fragments; Diffuse, Irregular change to -
B2	0.53 - 0.96 m	Grey (10YR6/1-Moist); , 10YR56; Medium clay; Dry; Rigid consistence;

**Morphological Notes**

**Observation Notes**

10-53CM GV FERRUGINISED:

**Site Notes**

AVON LD

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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
5A2	Chloride - 1:5 soil/water extract, automated colour