

**Project Name:** Barossa Valley V, S.A.  
**Project Code:** BA5      **Site ID:** A114      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (SA)

**Site Information**

<b>Desc. By:</b>	K.H. Northcote	<b>Locality:</b>	PASTURES: SUB-CLOVER
<b>Date Desc.:</b>	06/10/54	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>		<b>Rainfall:</b>	0
<b>Northing/Long.:</b>	139.090277777778	<b>Runoff:</b>	Rapid
<b>Easting/Lat.:</b>	-34.699722222222	<b>Drainage:</b>	Well drained

**Geology**

<b>ExposureType:</b>	No Data	<b>Conf. Sub. is Parent. Mat.:</b>	No Data
<b>Geol. Ref.:</b>	No Data	<b>Substrate Material:</b>	No Data

**Land Form**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Hills
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	Hillslope	<b>Slope Category:</b>	Moderately inclined
<b>Slope:</b>	%	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

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

**Site Disturbance:**

**Vegetation:**

**Surface Coarse Fragments:**

**Profile Morphology**

A11	0 - 0.04 m	Dark greyish brown (10YR4/2-Moist); ; Sand (Heavy); Single grain grade of structure; Weak consistence; Gradual change to -
A12	0.04 - 0.15 m	Very dark greyish brown (10YR3/2-Moist); ; Sand (Heavy); Weak grade of structure; Weak consistence; Gradual change to -
A2	0.15 - 0.29 m	Dark greyish brown (10YR4/2-Moist); ; Sand (Heavy); Very firm consistence; 2-10%, Schist, coarse fragments;

**Morphological Notes**

**Observation Notes**

MICACEOUS THROUGHOUT

**Site Notes**

STURT

Project Name: Barossa Valley V, S.A.  
Project Code: BA5 Site ID: A114 Observation ID: 1  
Agency Name: CSIRO Division of Soils (SA)

**Laboratory Test Results:**

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0 - 0.04	6.5H	0.021C	6.5K	1.5	0.97	0.15	5.2D			
0.04 - 0.15	6.5H	0.013C			11	1.7				
0.15 - 0.29	6.3H	0.009C								

[illegible][illegible]

**Project Name:** Barossa Valley V, S.A.  
**Project Code:** BA5                      **Site ID:** A114                      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (SA)

**Laboratory Analyses Completed for this profile**

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_H	Hydrogen Cation - 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
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A_TSS	Electrical conductivity or soluble salts - Total soluble salts %
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recorded
7_NR	Total nitrogen (%) - Not recorded
9A_NR	Total element - P(%) - Not recorded
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded