

**Project Name:** Inspection for Division of Animal Health  
**Project Code:** DAH                      **Site ID:** A1060                      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (VIC)

**Site Information**

<b>Desc. By:</b>	K.H. Northcote	<b>Locality:</b>	
<b>Date Desc.:</b>	30/07/69	<b>Elevation:</b>	122 metres
<b>Map Ref.:</b>		<b>Rainfall:</b>	480
<b>Northing/Long.:</b>		<b>Runoff:</b>	Moderately rapid
<b>Easting/Lat.:</b>		<b>Drainage:</b>	Moderately 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>	No Data
<b>Morph. Type:</b>	Upper-slope	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	No Data	<b>Slope Category:</b>	Very gently sloped
<b>Slope:</b>	0 %	<b>Aspect:</b>	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Haplic Mesotrophic Red Chromosol		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	Red-brown earth

No analytical data are available but confidence is fair.

**Site Disturbance:** No effective disturbance other than grazing by hoofed animals

**Vegetation:** Low Strata - Tussock grass, , . \*Species includes - None recorded

**Surface Coarse Fragments:** 20-50%, bouldery, 600mm-2m, , Basalt

**Profile Morphology**

A	0 - 0.08 m	Dark reddish brown (5YR2/3-Moist); ; Loam; Single grain grade of structure; Moist; Weak consistence; Sharp change to -
B	0.08 - 0.2 m	Dark reddish brown (5YR3/3-Moist); ; Medium heavy clay; 5-10 mm, Angular blocky; , Prismatic; Moist; Moderately plastic;
B	0.2 - 0.3 m	Dark reddish brown (5YR3/3-Moist); ; Medium heavy clay; , Angular blocky; Moderately plastic;
B	0.3 - 0.4 m	Dark reddish brown (5YR3/3-Moist); ; Medium heavy clay; , Angular blocky; Moderately plastic;
B	0.4 - 0.5 m	Dark reddish brown (5YR3/3-Moist); ; Medium heavy clay; , Angular blocky; Moderately plastic;
B	0.5 - 0.6 m	Dark reddish brown (5YR3/4-Moist); ; Medium heavy clay; , Angular blocky; Moderately plastic;
B	0.6 - 0.7 m	Dark brown (7.5YR3/4-Moist); ; Medium heavy clay; , Angular blocky; Very weak consistence;
B	0.7 - 0.8 m	Dark brown (10YR3/3-Moist); ; Medium heavy clay; , Angular blocky; Very weak consistence;
	0.8 - 0.9 m	Dark brown (10YR3/3-Moist); ; Medium heavy clay;

**Morphological Notes**

**Observation Notes**

SURFACE STREW OF BASALT STONES & BOULDERS 5-400 CM ACROSS LAYER 9 COARSE FRACTIONS NP36 STONE

**Site Notes**

BOURKE

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**Laboratory Test Results:**

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
		Ca	Mg	K	Na	Acidity			
m		dS/m				Cmol (+)/kg			%

0 - 0.08  
0.08 - 0.2  
0.2 - 0.3  
0.3 - 0.4  
0.4 - 0.5  
0.5 - 0.6  
0.6 - 0.7  
0.7 - 0.8  
0.8 - 0.9

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
		C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		

0 - 0.08  
0.08 - 0.2  
0.2 - 0.3  
0.3 - 0.4  
0.4 - 0.5  
0.5 - 0.6  
0.6 - 0.7  
0.7 - 0.8  
0.8 - 0.9

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m					g/g - m3/m3				mm/h	mm/h

0 - 0.08  
0.08 - 0.2  
0.2 - 0.3  
0.3 - 0.4  
0.4 - 0.5  
0.5 - 0.6  
0.6 - 0.7  
0.7 - 0.8  
0.8 - 0.9

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Laboratory Analyses Completed for this profile