Project Name:	Handbook of Australian Soils					
Project Code:	HAS	Site ID:	A1009			
Agency Name:	<b>CSIRO</b> Division	of Soils (NS	SW)			

Observation ID: 1

Site Information Desc. By: Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	C.G. 08/04 Shee 151.6	Stephens 4/67 tt No. : SH56-10 584722222222 7222222222222222	1:250000	Locality: Elevation: Rainfall: Runoff: Drainage:	No Data 0 Rapid No Data		
<u>Geology</u> ExposureType: Geol. Ref.:	No D No D			Conf. Sub. is Pare Substrate Materia		No Data No Data	•
Land Form Rel/Slope Class: Morph. Type: Elem. Type: Slope:	: No D No D Hillsl 0 %	Data		Pattern Type: Relief: Slope Category: Aspect:	No Data No Data No Data No Data		
Surface Soil C	onditi	<u>on (dry):</u>					
Erosion: Soil Classifica	tion						
Australian Soil C		ootion		Manni	na    n;t.		N/A
Haplic Eutrophic					ng Unit: pal Profile	Form:	N/A
ASC Confidence:		Great Soil Group:			Chocolate soil		
	,	data are available					
		1 0		ive or improved, but			
Vegetation:			•	*Species includes - N		ded	
			. *Species ir	ncludes - Eucalyptus	species		
Surface Coars		ments:					
A 0-0.1 n		Dualay red (2 E)	(D2/2 Maint)	Clay loom . Cran	ulan Vanuu	waak aan	oistanaa, Diffusa shanaa ta
			,				sistence; Diffuse change to -
AB 0.1 - 0.3	m	Dark reddish broch	own (2.5YR	3/3-Moist); ; Clay loa	m; , Granul	ar; Very	weak consistence; Diffuse
B 0.3 - 0.4	8 m		``	3/4-Moist); ; Medium astic; Diffuse change	<i></i>	ular blocl	ky; , Granular; Very weak

C 0.48 - 0.66 m Dark reddish brown (2.5YR3/4-Moist); ; Medium clay; , Angular blocky; , Granular; Very weak consistence; Moderately plastic;

## Morphological Notes

Observation Notes Site Notes

GUYRA

Project Name:	Handboo	k of Australian So	oils		
Project Code:	HAS	Site ID:	A1009	Observation ID:	1
Agency Name:	CSIRO Di	ivision of Soils (N	SW)		

### Laboratory Test Results:

рН	1:5 EC					•	CEC	E	CEC	ESP
	dS/m	ia N	Лg	К						%
5.2J 6.3H	0.02C	9.6K	5.1	1.1	0.1					
5.2J 6.3H	0.01C									
5.4J 6.6H	0.008C	6.4K	6.7	0.5	0.16					
5.5J 6.7H	0.011C	8.3K	8.9	0.62	0.2					
CaCO3	Organic	Avail.	Total P	Total	Total K	Bulk				alysis Silt Clay
%	%	mg/kg	%	%	%	Mg/m3		00	%	ont only
		225C					16	39C	17	16 26
									-	18 27
		315C			-				-	17 28
				0.04	15B		24	26C	19	20 33
COLE		Gravi	metric/Vo	lumetric V	Vater Cont	ents		K sat	к	unsat
	Sat.	0.05 Bar		0.5 Bar g - m3/m3	1 Bar 3	5 Bar 1	5 Bar	mm/h	I	mm/h
	5.2J 6.3H 5.2J 6.3H 5.4J 6.6H 5.5J 6.7H CaCO3	COLE	Ca Ca M dS/m 5.2.J 0.02C 9.6K 6.3H 5.2.J 0.01C 6.3H 5.4.J 0.008C 6.4K 6.6H 5.5.J 0.011C 8.3K 6.7H CaCO3 Organic Avail. C P % % mg/kg 225C 390C 315C COLE Gravi	Ca Mg dS/m 5.2.J 0.02C 9.6K 5.1 6.3H 5.2.J 0.01C 6.3H 5.4.J 0.008C 6.4K 6.7 6.6H 5.5.J 0.011C 8.3K 8.9 6.7H CaCO3 Organic Avail. Total C P P % % mg/kg % 225C 390C 315C COLE Gravimetric/Vo Sat. 0.05 Bar 0.1 Bar	Ca Mg K   dS/m S.2J 0.02C 9.6K 5.1 1.1   6.3H 5.2J 0.01C 6.3H 5.4J 0.008C 6.4K 6.7 0.5   6.6H 5.5J 0.011C 8.3K 8.9 0.62   6.7H % mg/kg % %   225C 0.11 390C 0.07 315C 0.04   0.04 0.04 0.04 0.04 0.04 0.04	Ca Mg K Na Cmol (+)   5.2.J 0.02C 9.6K 5.1 1.1 0.1   6.3H 5.2.J 0.01C 6.3H 0.01C 6.3H   5.4.J 0.008C 6.4K 6.7 0.5 0.16   6.6H 5.5.J 0.011C 8.3K 8.9 0.62 0.2   6.7H 0.011C 8.3K 8.9 0.62 0.2   6.7H 0.011C 8.3K 8.9 0.62 0.2   CaCO3 Organic Avail. Total Total Total   % % mg/kg % % %   225C 0.18B 390C 0.071B   315C 0.045B 0.045B 0.045B   COLE Gravimetric/Volumetric Water Contervice	Ca Mg K Na Acidity Cmol (+)/kg   5.2.J 0.02C 9.6K 5.1 1.1 0.1   6.3H 5.2.J 0.01C 6.3H 0.01C 6.3H   5.4.J 0.008C 6.4K 6.7 0.5 0.16   6.6H 5.5.J 0.011C 8.3K 8.9 0.62 0.2   6.7H N K Density Mg/m3   225C 0.18B 390C 0.071B   315C 0.045B 0.045B 0.045B   COLE Gravimetric/Volumetric Water Contents 5 Bar 1 Bar 5 Bar 1	Ca Mg K Na Acidity Cmol (+)/kg   5.2.J 0.02C 9.6K 5.1 1.1 0.1   6.3H 5.2.J 0.01C 6.3H 6.3H 6.3H   5.4.J 0.008C 6.4K 6.7 0.5 0.16   6.6H 5.5.J 0.011C 8.3K 8.9 0.62 0.2   6.7H C P N K Density GV   % mg/kg % % Mg/m3 GV   % 90C 0.071B 29 315C 0.045B 27   0.045B 24 COLE Gravimetric/Volumetric Water Contents 5at. 0.05 Bar 0.1 Bar	Ca Mg K Na Acidity Cmol (+)/kg   5.2.J 0.02C 9.6K 5.1 1.1 0.1   6.3H 5.2.J 0.01C 6.3H 5.2.J 0.01C   6.3H 5.4.J 0.008C 6.4K 6.7 0.5 0.16   6.6H 5.5.J 0.011C 8.3K 8.9 0.62 0.2   6.7H 0.011C 8.3K 8.9 0.62 0.2   6.7H 0.011C 8.3K 8.9 0.62 0.2   % % mg/kg % % Mg/m3 GV CS   % % mg/kg % % Mg/m3 GV CS   % % mg/kg % % Mg/m3 GV CS   225C 0.18B 16 39C 315C 0.045B 27 37C   315C 0.045B 24 26C 24 26C   COLE Gravimetric/Volumetric Water	Ca Mg K Na Acidity Cmol (+)/kg   5.2.J 0.02C 9.6K 5.1 1.1 0.1   6.3H 5.2.J 0.01C 6.3H 5.2.J 0.01C   6.3H 5.4.J 0.008C 6.4K 6.7 0.5 0.16   6.6H 5.5.J 0.011C 8.3K 8.9 0.62 0.2   6.7H 0.011C 8.3K 8.9 0.62 0.2   6.7H 0.011C 8.3K 8.9 0.62 0.2   CaCO3 Organic Avail. Total Total Bulk Particle Size An   % % mg/kg % % Mg/m3 % %   225C 0.18B 16 39C 17 390C 0.071B 29 40C 15   315C 0.045B 27 37C 18 0.045B 24 26C 19   COLE Gravimetric/Volumetric Water Contents K sat </td

0.3 - 0.48 0.48 - 0.66

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### Observation ID: 1

#### Laboratory Analyses Completed for this profile

15_NR_CA 15_NR_K 15_NR_MG 15_NR_NA 2_LOI 2A1 3A_TSS 4_NR 4B_C_2.5 5_NR 7_NR 9_NR P10_GRAV P10_NR_C P10_NR_CS P10_NR_CS	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded Exch. basic cations (K++) - meq per 100g of soil - Not recorded Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded Exch. basic cations (Na++) - meq per 100g of soil - Not recorded Loss on Ignition (%) Air-dry moisture content Electrical conductivity or soluble salts - Total soluble salts % pH of soil - Not recorded pH of soil - Not recorded pH of soil - Ph of 1:2.5 Soil/0.1M CaCl2 suspension Water soluble Chloride - Cl(%) - Not recorded Total nitrogen (%) - Not recorded Available P (mg/kg) - Not recorded Gravel (%) Clay (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded