

Project Name: New Farm Forest
Project Code: NFF **Site ID:** MOO4 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	I. Hollingsworth	Locality:	
Date Desc.:	05/03/97	Elevation:	55 metres
Map Ref.:	Sheet No. : 7029 1:100000	Rainfall:	No Data
Northing/Long.:	6184820 AMG zone: 54	Runoff:	Slow
Easting/Lat.:	463900 Datum: AGD66	Drainage:	Well drained

Geology

Exposure Type:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	Auger boring, 1.8 m deep, Porous, Eolian sand

Land Form

Rel/Slope Class:	Undulating plains <9m 3-10%	Pattern Type:	Dunefield
Morph. Type:	Mid-slope	Relief:	0 metres
Elem. Type:	Duneslope	Slope Category:	Very gently sloped
Slope:	6 %	Aspect:	No Data

Surface Soil Condition (dry): Soft

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Calcareous Arenic Orthic Tenosol Thick Non-gravelly Sandy		Principal Profile Form:	N/A
Sandy Very deep			

ASC Confidence:		Great Soil Group:	N/A
No analytical data are available but confidence is fair.			

Site Disturbance: Cultivation. Irrigated, past or present

Vegetation:

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

O	0 - 0.02 m	Organic Layer; ; Moderately moist; Sharp, Smooth change to -
A1	0.02 - 0.35 m	Dark reddish brown (5YR3/4-Moist); ; Loamy sand; Moderately moist; Gradual, Wavy change to
Bw	0.35 - 0.7 m	Yellowish red (5YR5/8-Moist); ; Sandy loam; Moist; Gradual, Wavy change to -
C	0.7 - 1.8 m	Yellowish red (5YR5/8-Moist); ; Sandy loam; Moist; Gradual, Wavy change to -

Morphological Notes

Observation Notes

Moore's irrigated woodlot, best site - deep neutral profile without a drainage problem. GRANDIS A plot

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Laboratory Test Results:

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

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

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

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Laboratory Analyses Completed for this profile