

Project Name: SOIL STRUCTURE & MANAGEMENT
Project Code: SSM **Site ID:** SSM219 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (ACT)

Site Information

Desc. By:	B. Murphy	Locality:	
Date Desc.:	25/03/92	Elevation:	270 metres
Map Ref.:	Sheet No. : 8430 1:100000	Rainfall:	No Data
Northing/Long.:	6249700 AMG zone: 55	Runoff:	Slow
Easting/Lat.:	581800 Datum: AGD66	Drainage:	Moderately well drained

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	Probable
Geol. Ref.:	QrOs	Substrate Material:	No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Rises
Morph. Type:	Lower-slope	Relief:	No Data
Elem. Type:	Footslope	Slope Category:	No Data
Slope:	2 %	Aspect:	180 degrees

Surface Soil Condition (dry): Hardsetting

Erosion: Not apparent (wind); No scalding (scald) Partial,
Minor (sheet) No wave erosion (wave) No rill
erosion (rill) No mass movement (mass) No gully
erosion (gully) No stream bank erosion (stbank)
No tunnel erosion (tunnel)

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	Dr2.13
		Great Soil Group:	Red-brown earth

Site Disturbance: Extensive clearing, for example poisoning, ringbarking

Vegetation:

Surface Coarse Fragments:

Profile Morphology

A11	0 - 0.1 m	Dark reddish brown (2.5YR3/3-Moist); ; Fine sandy clay loam; Weak grade of structure; Dry; Weak consistence; Non-plastic; Normal plasticity; Non-sticky; Field pH 6 (Raupach);
B21	0.1 - 0.2 m	Reddish brown (2.5YR4/4-Moist); ; Medium clay; Strong grade of structure; Dry; Moderately plastic; Normal plasticity; Moderately sticky; Field pH 6.5 (Raupach);
B22	0.2 - 0.3 m	Yellowish red (5YR4/6-Moist); ; Medium clay; Strong grade of structure; Dry; Moderately plastic; Normal plasticity; Moderately sticky; Field pH 7 (Raupach);
B22	0.3 - 0.4 m	Yellowish red (5YR4/6-Moist); ; Light medium clay; Strong grade of structure; Dry; Very firm consistence; Moderately plastic; Normal plasticity; Moderately sticky; Field pH 7.5 (Raupach);
B23	0.4 - 0.6 m	Yellowish red (5YR5/6-Moist); ; Light medium clay; Strong grade of structure; Dry; Very firm consistence; Moderately plastic; Normal plasticity; Moderately sticky; Field pH 8.5 (Raupach);
B31	0.6 - 0.8 m	Reddish yellow (5YR6/6-Moist); ; Light medium clay; Strong grade of structure; Dry; Very firm consistence; Moderately plastic; Normal plasticity; Moderately sticky; Field pH 8.5 (Raupach);
B32	0.8 - 0.9 m	Reddish yellow (5YR6/6-Moist); ; Light medium clay; Strong grade of structure; Dry; Very firm consistence; Moderately plastic; Normal plasticity; Moderately sticky; Field pH 8.5 (Raupach);

Morphological Notes

Observation Notes

Site Notes

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Laboratory Analyses Completed for this profile