

Project Name: WAG
Project Code: WAG **Site ID:** C51 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	Beattie, John	Locality:	APPApprox 1km N of Road at NE corner of Fortram 20, Parsih of Derry>
Date Desc.:	22/01/57	Elevation:	290 metres
Map Ref.:	Sheet No. : 8327 1:100000	Rainfall:	454
Northing/Long.:	147	Runoff:	Slow
Easting/Lat.:	-35.25	Drainage:	Well drained

Geology

ExposureType:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Plain
Morph. Type:	No Data	Relief:	0 metres
Elem. Type:	No Data	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	N/A
		Great Soil Group:	No suitable group

Site Disturbance:

Vegetation: Low Strata - , , . *Species includes - Danthonia species
 Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.08 m	Yellowish red (5YR4/8-Moist); , 5YR58; Fine sandy clay loam (Light); Weak grade of structure, 10-20 mm, Platy; Moderate grade of structure, 2-5 mm, Platy; Dry; Very firm consistence; 2-10%, Quartz, coarse fragments;
A3	0.08 - 0.18 m	Red (2.5YR5/8-Moist); ; Fine sandy light clay; Weak grade of structure, Subangular blocky; Dry; Firm consistence;
B1	0.18 - 0.3 m	Dark yellowish brown (10YR4/6-Moist); , 2.5YR48; Light medium clay; Moderate grade of structure, 5-10 mm, Subangular blocky; Dry; Firm consistence;
	0.41 - 0.51 m	Dark yellowish brown (10YR3/6-Moist); , 2.5YR58; Light medium clay; Firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
B2	0.61 - 0.74 m	Dark red (10R3/6-Moist); , 2.5YR58; Medium clay; Moderately moist; Very firm consistence;
	0.96 - 1.06 m	Dark red (10R3/6-Moist); , 2.5YR58; Medium clay; Very firm consistence;
B2k	1.37 - 1.47 m	Dark red (2.5YR3/6-Moist); , 2.5YR58; Fine sandy light clay; Moderately moist; Firm consistence; Very few (0 - 2 %), Calcareous, , Concretions;
	1.6 - 1.67 m	Dark red (2.5YR3/6-Moist); , 5YR58; Fine sandy light clay; Very firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
2A	1.83 - 1.93 m	Light yellowish brown (2.5Y6/4-Moist); , 10YR64; Fine sandy light clay; Moderately moist; Very firm consistence;
2B	2.13 - 2.23 m	Light yellowish brown (2.5Y6/4-Moist); , 10YR64; Clay loam; Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
2B	2.34 - 2.44 m	Light yellowish brown (2.5Y6/4-Moist); , 10R46; Clay loam; Dry; Firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments; Few (2 - 10 %), Calcareous, Coarse (6 - 20 mm), Tubules;

Morphological Notes

Observation Notes

DEVLIN LOAM; SEE ORIGINAL FOR MORE DETAIL:

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Laboratory Test Results:

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

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

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