

Project Name: Regional
Project Code: REG **Site ID:** T74 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (QLD)

Site Information

Desc. By:	R.F. Isbell	Locality:	Yarraden turn off on Coen Road:6.4KM from Yarraden:
Date Desc.:	20/07/68	Elevation:	228 metres
Map Ref.:	Sheet No. : 7569 1:100000	Rainfall:	1150
Northing/Long.:	143.356944444444	Runoff:	Very slow
Easting/Lat.:	-14.3647222222222	Drainage:	No Data

Geology

ExposureType:	Auger boring	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	SDk	Substrate Material:	Auger boring, 1.3 m deep, Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	Gently undulating rises 9-30m 1-3%	Pattern Type:	Alluvial fan
Morph. Type:	Crest	Relief:	15 metres
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Basic Regolithic Bleached Tenosol		Principal Profile Form:	Uc2.23
ASC Confidence:		Great Soil Group:	Siliceous sand
All necessary analytical data are available.			

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

Vegetation:

Tall Strata - Tree, 12.01-20m, Sparse. *Species includes - Eucalyptus tetrodonta, Eucalyptus dichromophloia

Surface Coarse Fragments: No surface coarse fragments

Profile Morphology

A11	0 - 0.1 m	Dark grey (10YR4/1-Moist); Grey (10YR5/1-Dry); ; Sand; Single grain grade of structure; Very weak consistence; ManyClear change to -
A12	0.1 - 0.2 m	Grey (10YR5/1-Moist); Grey (10YR6/1-Dry); ; Sand; Single grain grade of structure; Very weak consistence; FewClear change to -
A2	0.2 - 0.3 m	Brownish yellow (10YR6/5-Moist); Yellow (10YR7/5-Dry); ; Sand; Single grain grade of structure; Very weak consistence; Few
A2	0.3 - 0.6 m	Brownish yellow (10YR6/5-Moist); Yellow (10YR7/5-Dry); ; Sand; Single grain grade of structure; Very weak consistence; Gradual change to -
AB	0.6 - 0.9 m	Very pale brown (10YR7/3-Moist); Very pale brown (10YR8/3-Dry); ; Sand; Single grain grade of structure; Very weak consistence; Very few (0 - 2 %), Ferruginous, Coarse (6 - 20 mm), Nodules;
AB	0.9 - 1.2 m	Very pale brown (10YR7/3-Moist); Very pale brown (10YR8/3-Dry); ; Sand; Single grain grade of structure; Very weak consistence; Very few (0 - 2 %), Ferruginous, Coarse (6 - 20 mm), Nodules; Clear change to -
C	1.2 - 1.3 m	Very pale brown (10YR7/3-Moist); Very pale brown (10YR8/3-Dry); ; Sand; Single grain grade of structure; Loose consistence; 20-50%, coarse gravelly, 20-60mm, angular, Quartz, coarse fragments;

Morphological Notes

Observation Notes

Site Notes

YARRADEN

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[illegible]

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Laboratory Analyses Completed for this profile

10A1	Total sulfur - X-ray fluorescence
12_NR_CU	Total element - Cu(mg/kg) - Not recorded
12_NR_ZN	Total element - Zn(mg/kg) - Not recorded
15A2_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) - 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_K	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_MG	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
15A2_NA	Exchangeable bases- 1M ammonium chloride at pH 7.0, pretreatment for soluble salts
17A1	Total potassium - X-ray fluorescence
2A1	Air-dry moisture content
3A_TSS	Electrical conductivity or soluble salts - Total soluble salts %
4A1	pH of 1:5 soil/water suspension
5A2	Chloride - 1:5 soil/water extract, automated colour
6A1	Organic carbon - Walkley and Black
7A2	Total nitrogen - semimicro Kjeldahl , automated colour
9A1	Total phosphorus - X-ray fluorescence
9B_9C	Available P (mg/kg) - Bicarbonate P - 0.5M NaHCO3 extractable
9G_BSES	Available P (mg/kg) - Acid P - 0.005M H2SO4 (BSES)
9H_NR	Posphate retention % - Not recorded
P10_GRAV	Gravel (%)
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded