

Project Name: Upper York Penin., S.A.
Project Code: NY1 **Site ID:** A881 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	R.W. Jessup	Locality:	
Date Desc.:	01/02/63	Elevation:	No Data
Map Ref.:	Sheet No. : SI53-12	Rainfall:	365
Northing/Long.:	137.680555555556	Runoff:	Moderately rapid
Easting/Lat.:	-34.113888888889	Drainage:	No Data

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:	No Data
Morph. Type:	No Data	Relief:	0 metres
Elem. Type:	Plain	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Endohypersodic Regolithic Lithocalcic Calcarosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Red-brown earth
All necessary analytical data are available.			

Site Disturbance: Cultivation. Rainfed

Vegetation:

Tall Strata - Tree mallee, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.08 m	Reddish brown (5YR4/4-Dry); ; Clay loam; Moderate grade of structure, Subangular blocky; Very firm consistence; Very few (0 - 2 %), Calcareous, , Soft segregations; Diffuse change to -
B	0.08 - 0.3 m	Reddish brown (2.5YR4/4-Dry); ; Light clay; Strong grade of structure, Subangular blocky; Very firm consistence; Diffuse change to -
Bk	0.3 - 0.5 m	Reddish yellow (5YR6/6-Dry); ; Medium clay; Massive grade of structure; Very firm consistence; Very many (50 - 100 %), Calcareous, , Concretions; Diffuse change to -
	0.5 - 0.88 m	Reddish yellow (7.5YR8/6-Dry); ; Medium clay; Massive grade of structure; Very firm consistence; 0-2%, Gravel, coarse fragments; Many (20 - 50 %), Calcareous, , Soft segregations; Diffuse change to -
	0.88 - 1.32 m	Reddish brown (5YR5/4-Dry); ; Moderate grade of structure, Angular blocky; Strong consistence; 0-2%, Gravel, coarse fragments; Few (2 - 10 %), Calcareous, , Soft segregations;

Morphological Notes

Observation Notes

Site Notes

TIPARRA

Observation ID: 1

[illegible]

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Laboratory Analyses Completed for this profile

15_NR_CEC	CEC - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
19B_NR	Calcium Carbonate (CaCO ₃) - Not recorded
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A_TSS	Electrical conductivity or soluble salts - Total soluble salts %
4_NR	pH of soil - Not recorded
5_NR	Water soluble Chloride - Cl(%) - Not recorded
MIN_NR_K2O	Kaolin minerals
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
XRD_C_Hm	Hematite - X-Ray Diffraction
XRD_C_II	Illite - X-Ray Diffraction
XRD_C_Ka	Kaolin - X-Ray Diffraction
XRD_C_Qz	Quartz - X-Ray Diffraction
XRD_C_St	Smectite - X-Ray Diffraction