

Project Name: Upper York Penin., S.A.
Project Code: NY1 **Site ID:** A879 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	R.W. Jessup	Locality:	
Date Desc.:	01/02/63	Elevation:	99 metres
Map Ref.:	Sheet No. : SI53-12 1:250000	Rainfall:	380
Northing/Long.:	137.718055555556	Runoff:	Moderately rapid
Easting/Lat.:	-34.097222222222	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:	No Data
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:	Solonized brown soil
All necessary analytical data are available.			

Site Disturbance: Cultivation. Rainfed

Vegetation:

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

Surface Coarse Fragments:

Profile Morphology

0 - 0.17 m	Brown (10YR5/3-Dry); ; Loam; Moderate grade of structure, Subangular blocky; Very firm consistence; Common (10 - 20 %), Calcareous, , Soft segregations; Diffuse change to -
0.17 - 0.4 m	Very pale brown (10YR7/3-Dry); ; Clay loam; Massive grade of structure; Very weak consistence; Very many (50 - 100 %), Calcareous, , Concretions; Diffuse change to -
0.4 - 0.6 m	Very pale brown (10YR8/4-Dry); ; Clay loam; Massive grade of structure; Very weak consistence; Very many (50 - 100 %), Calcareous, , Soft segregations; Diffuse change to -
0.6 - 0.99 m	Very pale brown (10YR7/4-Dry); ; Medium clay; Massive grade of structure; Very firm consistence; Very many (50 - 100 %), Calcareous, , Soft segregations; Diffuse change to -
0.99 - 1.44 m	Pink (7.5YR7/4-Dry); ; Medium clay; Massive grade of structure; Very firm consistence; Very many (50 - 100 %), Calcareous, , Soft segregations; Diffuse change to -
1.44 - 3.04 m	Red (2.5YR5/8-Dry); ; Light clay; Moderate grade of structure, Angular blocky; Strong consistence; 0-2%, Gravel, coarse fragments;

Morphological Notes

Observation Notes

PROFILE TAKEN FROM HIGHEST POINT IN THIS AREA

Site Notes

WALLAROO

Observation ID: 1

Laboratory Test Results:

[illegible]

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Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - 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
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