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

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 DataPattern Type:No DataMorph. Type:No DataRelief:No DataElem. Type:PlainSlope Category:No DataSlope:0 %Aspect:No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:Mapping Unit:N/AEndohypersodic Regolithic Lithocalcic CalcarosolPrincipal Profile Form:N/A

ASC Confidence: Great Soil Group: Solonized brown

tical data are available.

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

Project Name: Project Code: Agency Name:

Upper York Penin., S.A.
NY1 Site ID: A
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Laboratory Test Results:

Davida		4.5.50	F		0-4:	_		050		-0-0		
Depth	рН	1:5 EC		hangeable Vig	K	Na E	xchangeable Acidity	CEC	I	ECEC		SP
m		dS/m	oa i	vig	K	Cmol (+)/					o,	%
0 - 0.17 0.17 - 0.4 0.4 - 0.6 0.6 - 0.99	8.3H 8.8H 9.7H 9.5H	0.073C 0.092C 0.42C 0.8C			2	0.22						
0.99 - 1.44	9.3H	1.2C			1.8	6.6						
1.68 - 1.75	8.6H	0.71C	1.7K	12	2.9	16						
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Pa GV	rticle CS	FS	Analysis Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.17 0.17 - 0.4 0.4 - 0.6 0.6 - 0.99 0.99 - 1.44	21C 34C 50C 51C 46C							7 65 14 25 17	11C 10C 5C 5C 5C 6C	32 25 18 16 19	6 5 6	22 20 18 17 21
								17		_		
1.68 - 1.75 Depth	0.05C	Gravimetric/Volumetric Water Contents Sat. 0.05 Bar 0.1 Bar 0.5 Bar 1 Bar 5 Bar 15 Bar							15C K sa	42 it	K unsat	32
m		g/g - m3/m3 mn									mm/h	

0 - 0.17 0.17 - 0.4 0.4 - 0.6 0.6 - 0.99 0.99 - 1.44 1.68 - 1.75

Upper York Penin., S.A. **Project Name:**

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Laboratory Analyses Completed for this profile

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

19B_NR Calcium Carbonate (CaCO3) - Not recorded

2_LOI Loss on Ignition (%) 2A1 Air-dry moisture content

Electrical conductivity or soluble salts - Total soluble salts % pH of soil - Not recorded 3A_TSS

4_NR

Water soluble Chloride - Cl(%) - Not recordede 5_NR

P10_GRAV

Gravel (%)
Clay (%) - Not recorded P10_NR_C Coarse sand (%) - Not recorded Fine sand (%) - Not recorded P10_NR_CS

P10_NR_FS P10_NR_Z Silt (%) - Not recorded