

Project Name: Upper York Penin., S.A.
Project Code: NY1 **Site ID:** A903 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	R.W. Jessup	Locality:	SOUTH SIDE ROAD AT NORTH END OF MONA RAILWAY RESERVE
Date Desc.:	01/02/63	Elevation:	100 metres
Map Ref.:		Rainfall:	380
Northing/Long.:		Runoff:	Moderately rapid
Easting/Lat.:		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:	Gently undulating plains <9m 1-3%	Pattern Type:	Plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	No Data	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Hypercalcic Subnatric Red Sodosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Red-brown earth
All necessary analytical data are available.			

Site Disturbance:

Vegetation:

Tall Strata - Malle shrub, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.1 m	Reddish brown (5YR4/4-Dry); ; Loamy sand; Massive grade of structure; Strong consistence; 0-2%, fine gravelly, 2-6mm, Gravel, coarse fragments; Diffuse change to -
0.1 - 0.36 m	Red (2.5YR5/8-Dry); ; Sandy medium clay; Moderate grade of structure, Subangular blocky; Strong consistence; 0-2%, medium gravelly, 6-20mm, Gravel, coarse fragments; Diffuse change to -
0.36 - 1.07 m	Pink (7.5YR7/4-Dry); ; Medium clay; Massive grade of structure; Strong consistence; 0-2%, medium gravelly, 6-20mm, Gravel, coarse fragments; Very many (50 - 100 %), Calcareous, , Soft segregations; Diffuse change to -
1.07 - 1.57 m	Light red (2.5YR6/8-Dry); ; Sandy medium clay; Massive grade of structure; Very strong consistence;

Morphological Notes

Observation Notes

ADJACENT LAND USED FOR WHEAT GROWING

Site Notes

NINNES

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[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