

Project Name: 1968 ISSS Congress Tour
Project Code: IS2 **Site ID:** A977 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	W.T. Ward	Locality:	
Date Desc.:	08/08/66	Elevation:	91 metres
Map Ref.:		Rainfall:	0
Northing/Long.:		Runoff:	Very rapid
Easting/Lat.:		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:	Fan	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Bleached Mesotrophic Red Kurosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	Solodized solonetz

No analytical data are available but confidence is fair.

Site Disturbance: Highly disturbed, for example, quarrying, roadworks, mining, landfill, urban

Vegetation:

Surface Coarse Fragments:

Profile Morphology

0 - 0.1 m	Very dark brown (10YR2/2-Moist); ; Loamy fine sand; Weak grade of structure, Granular; Firm consistence; Clear change to -
0.1 - 0.2 m	Grey (10YR6/1-Moist); ; Fine sand; Massive grade of structure; Very firm consistence;
0.2 - 0.3 m	Light grey (10YR7/2-Moist); ; Fine sand; Massive grade of structure; Very firm consistence; Abrupt change to -
0.3 - 0.45 m	Dark grey (10YR4/1-Moist); ; Clayey sand; Strong grade of structure, Prismatic; Strong consistence; Gradual change to -
0.45 - 0.6 m	Dark reddish brown (5YR3/4-Moist); ; Medium clay; Strong grade of structure, Prismatic; Very firm consistence; Gradual change to -
0.6 - 0.75 m	Reddish brown (5YR4/4-Moist); ; Medium clay; Massive grade of structure; Firm consistence; Gradual change to -
0.75 - 0.9 m	Yellowish brown (10YR5/6-Moist); ; Medium clay; Massive grade of structure; Firm

Morphological Notes

Observation Notes

Site Notes

WILLUNGA

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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
4B_C_2.5	pH of soil - pH of 1:2.5 Soil/0.1M CaCl ₂ suspension
5_NR	Water soluble Chloride - Cl(%) - Not recorded
7_NR	Total nitrogen (%) - Not recorded
9_NR	Available P (mg/kg) - 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