

Project Name: 1968 ISSS Congress Tour  
Project Code: IS4 Site ID: A1052 Observation ID: 1  
Agency Name: CSIRO Division of Soils (SA)

**Site Information**

Desc. By:	R.W. Jessup	Locality:	
Date Desc.:	14/12/67	Elevation:	30 metres
Map Ref.:	Sheet No. : SI53-12 1:250000	Rainfall:	355
Northing/Long.:	137.619444444445	Runoff:	Rapid
Easting/Lat.:	-34.123611111111	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:	Swale	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

**Surface Soil Condition (dry):**

**Erosion:**

**Soil Classification**

Australian Soil Classification:	Mapping Unit:	N/A
Haplic Petrocalcic Red Kandosol	Principal Profile Form:	N/A
ASC Confidence:	Great Soil Group:	Red 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**

0 - 0.05 m	Yellowish red (5YR5/6-Dry); ; Sandy loam; Massive grade of structure; Weak consistence; Diffuse change to -
0.05 - 0.1 m	Yellowish red (5YR4/6-Dry); ; Loam; Massive grade of structure; Very firm consistence;
0.1 - 0.16 m	Yellowish red (5YR4/6-Dry); ; Loam; Massive grade of structure; Very firm consistence; Diffuse change to -
0.16 - 0.2 m	Red (2.5YR4/6-Dry); ; Clay loam; Massive grade of structure; Very firm consistence;
0.2 - 0.3 m	Red (2.5YR4/6-Dry); ; Clay loam; Massive grade of structure; Very firm consistence; Abrupt change to -
0.3 - 0.4 m	; Calcrete, Strongly cemented, Continuous, Nodular;

**Morphological Notes**

**Observation Notes**

AT 30CM ABRUPT ON LAYER OF VERY HARD PINK KUNKAR OR KUNKAR NODULES THEN KUNKAR SHEET:

**Site Notes**

TIPARRA

**Observation ID: 1**

[illegible]

**Project Name:** 1968 ISSS Congress Tour  
**Project Code:** IS4                      **Site ID:** A1052                      **Observation ID:** 1  
**Agency Name:** CSIRO Division of Soils (SA)

**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 <sub>3</sub> ) - 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 <sub>2</sub> 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