

Project Name: Nullabor Plain
Project Code: NP **Site ID:** A929 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	G. Blackburn	Locality:	
Date Desc.:	08/04/64	Elevation:	168 metres
Map Ref.:		Rainfall:	0
Northing/Long.:	124.78333333	Runoff:	Very slow
Easting/Lat.:	-32.36666667	Drainage:	Poorly 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:	Flat	Relief:	3 metres
Elem. Type:	Plain	Slope Category:	Very gently sloped
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Petrocalcic Leptic Calcarosol		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	N/A

No analytical data are available but confidence is fair.

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, , . *Species includes - None recorded
Tall Strata - Shrub, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.03 m	; Loam; , Granular; Very weak consistence; Few (2 - 10 %), Calcareous, , Soft segregations;
0.03 - 0.1 m	; Loam; , Granular; Weak consistence;
0.13 - 0.2 m	; Loam; Very firm consistence; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Concretions;
0.2 - 0.3 m	; Loam; Common (10 - 20 %), Calcareous, Medium (2 -6 mm), Concretions;

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations	Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca Mg K	Na Cmol (+)/kg	Acidity		%
0 - 0.03	8.4H	0.084C					
0.03 - 0.1	8.5H	0.085C					
0.13 - 0.2	8.9H	0.08C					
0.2 - 0.3	9.3H	0.13C					

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		
0 - 0.03	27C				0.23B			8	1C	28	14	25
0.03 - 0.1	26C							8	1C	25	15	28
0.13 - 0.2	31C							9		22	13	29
0.2 - 0.3	38C							20		20	12	25

[illegible]

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Laboratory Analyses Completed for this profile

19B_NR	Calcium Carbonate (CaCO3) - 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
7_NR	Total nitrogen (%) - 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