Project Name: NER
Project Code: NER **Site ID:** P385 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (WA)

Site Information

Desc. By:	E. Bettenay	**Locality:**	Wagin L.A. 388/80: 2.4KM south east of site P379: south east side of Lake Camm:
Date Desc.:	17/05/58	**Elevation:**	No Data
Map Ref.:		**Rainfall:**	0
Northing/Long.:	119.5811111	**Runoff:**	Rapid
Easting/Lat.:	-32.99694444	**Drainage:**	Poorly drained

Geology

ExposureType:	No Data	**Conf. Sub. is Parent. Mat.:**	No Data
Geol. Ref.:	No Data	**Substrate Material:**	Unconsolidated material (unidentified)

Land Form

Rel/Slope Class:	No Data	**Pattern Type:**	Pediplain
Morph. Type:	No Data	**Relief:**	No Data
Elem. Type:	Pediment	**Slope Category:**	No Data
Slope:	0 %	**Aspect:**	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:
Gypsic Massive Hypocalcic Calcarosol
ASC Confidence:
No analytical data are available but confidence is fair.

Mapping Unit: N/A
Principal Profile Form: N/A
Great Soil Group: Solonized brown soil

Site Disturbance:

Vegetation:

Tall Strata - Tree mallee, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.25 m	Greyish brown (10YR5/2-Moist); ; Sand;
B	0.25 - 0.46 m	Light olive grey (5Y6/2-Moist); ; Sandy medium clay;
Bk	0.46 - 0.61 m	Light olive grey (5Y6/2-Moist); ; Sandy medium clay; Many (20 - 50 %), Gypseous, , Soft segregations;
BC	0.61 - 0.76 m	Olive grey (5Y5/2-Moist); ; Sandy medium clay;
D	0.81 - 0.91 m	Light olive grey (5Y6/2-Moist); ; Sandy medium clay;

Morphological Notes

Observation Notes

81-91CM PALLID ZONE:

Site Notes

WAGIN L.A.

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
m		dS/m	Cmol (+)/kg							%
0.46 - 0.61	9.3A	1.4A								
0.61 - 0.76	8.8A	1.28A								
0.81 - 0.91	8.3A	1.1A								

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	GV	Particle Size Analysis CS	FS	Silt	Clay
m	%	%	mg/kg	%	%	%	Mg/m3			%		
0.46 - 0.61	2A								36D	21	4	36
0.61 - 0.76	<1A								34D	21	2	43
0.81 - 0.91	<1A								46D	17	4	33

Depth	COLE	Gravimetric/Volumetric Water Contents							K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
m		g/g - m3/m3							mm/h	mm/h
0.46 - 0.61										
0.61 - 0.76										
0.81 - 0.91										

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Laboratory Analyses Completed for this profile

19A1	Carbonates - rapid titration
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
3A1	EC of 1:5 soil/water extract
4A1	pH of 1:5 soil/water suspension
5A2	Chloride - 1:5 soil/water extract, automated colour
P10_PB_C	Clay (%) - Plummet balance
P10_PB_CS	Coarse sand (%) - Plummet balance
P10_PB_FS	Fine sand (%) - Plummet balance
P10_PB_Z	Silt (%) - Plummet balance