Project Name: **Jerramungup soils inventory (=JER LRS)**
Project Code: **JSI** **Site ID:** **1916** **Observation ID:** **1**
Agency Name: **Agriculture Western Australia**

Site Information

Desc. By:	Henry Smolinski	**Locality:**	
Date Desc.:	01/01/94	**Elevation:**	No Data
Map Ref.:		**Rainfall:**	No Data
Northing/Long.:	6343621 AMG zone: 50	**Runoff:**	No Data
Easting/Lat.:	761110 Datum: AGD84	**Drainage:**	No Data

Geology

ExposureType:	Soil pit	**Conf. Sub. is Parent. Mat.:**	No Data
Geol. Ref.:	No Data	**Substrate Material:**	No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	**Pattern Type:**	Alluvial plain
Morph. Type:	Open depression (vale)	**Relief:**	No Data
Elem. Type:	No Data	**Slope Category:**	No Data
Slope:	0.5 %	**Aspect:**	No Data

Surface Soil Condition

Cracking

Erosion:

Soil Classification

Australian Soil Classification:
Epihypersodic Regolithic Supracalcic Calcarosol

ASC Confidence:
Confidence level not specified

Mapping Unit: N/A
Principal Profile Form: Gc1.12
Great Soil Group: N/A

Site

Vegetation:

Surface Coarse

Profile

A1k 0 - 0.17 m Dark greyish brown (2.5Y4/2-Moist); ; Silty loam; Weak grade of structure, Subangular blocky; Dry; Loose consistence; Few (2 - 10 %), , , ; Field pH 8.5 (pH meter); Common, fine (1-2mm) roots; Gradual change to -

B1k 0.17 - 0.4 m Greyish brown (2.5Y5/2-Moist); ; Silty clay loam; Weak grade of structure, ; Moderately moist; Field pH 9.2 (pH meter); Gradual change to -

B2k 0.4 - 1.25 m Light olive grey (5Y6/2-Moist); ; Silty clay loam; Loose consistence; Field pH 8.9 (pH meter);

Morphological Notes

A1k Calcareous ZL.
B1k Calcareous ZCL.
B2k Structureless, loose.

Observation Notes

Site Notes

Soil Pit: 6 (south face). Soil Class: Calcareous gradational soils (kopi). Soil surface: Thin surface crust and polygonal cracking. Loose and powdery when disturbed.

Project Name: Jerramungup soils inventory (=JER LRS)
Project Code: JSI **Site ID:** 1916 **Observation** 1
Agency Name: Agriculture Western Australia

Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations Ca	Mg	K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m	Cmol (+)/kg							%
0 - 0.17										
0 - 0.17										
0.17 - 0.4										
0.17 - 0.4										
0.17 - 0.4										
0.4 - 0.8										

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis GV	CS	FS	Silt
		Clay									
m	%	%	mg/kg	%	%	%	Mg/m3			%	
0 - 0.17											
0 - 0.17											
0.17 - 0.4											
0.17 - 0.4											
0.17 - 0.4											
0.4 - 0.8											

Laboratory Analyses Completed for this profile

14B1	Electrical conductivity/SE
14C1	pH/SE
14D1_C	Bicarbonate/SE and carbonate/SE - potentiometric titration
14D2_BC	Bicarbonate/SE and carbonate/SE - indicator method
14E3	Chloride/SE - ICPAES
14F1	Sulfate/SE - ICPAES
14H1_CA	Soluble bases/SE (Ca,Mg,K,Na)
14H1_K	Soluble bases/SE (Ca,Mg,K,Na)
14H1_MG	Soluble bases/SE (Ca,Mg,K,Na)
14H1_NA	Soluble bases/SE (Ca,Mg,K,Na)
2D1	Moisture content - approximate saturation paste