Project Name: **Jerramungup soils inventory (=JER LRS)**
Project Code: **JSI** **Site ID:** **1149** **Observation ID:** **1**
Agency Name: **Agriculture Western Australia**

Site Information

Desc. By:	Tim Overheu	**Locality:**	
Date Desc.:	17/11/94	**Elevation:**	140 metres
Map Ref.:		**Rainfall:**	500
Northing/Long.:	6203284 AMG zone: 50	**Runoff:**	No Data
Easting/Lat.:	681387 Datum: AGD84	**Drainage:**	Moderately well drained

Geology

ExposureType:	Existing vertical exposure	**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:** Sand plain

Morph. Type:	No Data	**Relief:**	2 metres
Elem. Type:	Plain	**Slope Category:**	No Data
Slope:	2 %	**Aspect:**	No Data

Surface Soil Condition

Loose

Erosion:

(wind); (scald) (sheet) (rill) (mass) (gully) (stbank) (tunnel)

Soil Classification

Australian Soil Classification: **Mapping Unit:** N/A
Yellow Chromosol **Principal Profile Form:** Dy5.82
ASC Confidence: **Great Soil Group:** N/A
No analytical data and little or no knowledge of this soil.

Site

Complete clearing. Pasture, native or improved, cultivated at some stage

Vegetation:

Surface Coarse

No surface coarse fragments; No surface coarse fragments

Profile

Ap 0 - 0.16 m Very dark greyish brown (10YR3/2-Moist); , 0-0% ; Loamy fine sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; Very few (0 - 2 %), Ferruginous, Fine (0 - 2 mm), Concretions; Water repellent; Field pH 6 (pH meter); Abrupt change to -

A21 0.16 - 0.3 m Light brownish grey (10YR6/2-Moist); , 0-0% ; Fine sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Loose consistence; Few (2 - 10 %), Ferruginous, Fine (0 - 2 mm), Concretions; Field pH 6 (pH meter); Clear change to -

A22 0.3 - 0.65 m Light yellowish brown (10YR6/4-Moist); , 0-0% ; Fine sand; Single grain grade of structure; Sandy (grains prominent) fabric; Dry; Very weak consistence; Very many (50 - 100 %), Ferruginous, Very coarse (20 - 60 mm), Concretions; Field pH 8.6 (pH meter); Clear change to -

B21 0.65 - 1.25 m Brownish yellow (10YR6/8-Moist); Mottles, 10YR72, 10-20% , 5-15mm, Distinct; Light medium clay; Massive grade of structure; Sandy (grains prominent) fabric; Moderately moist; Very firm consistence; Common (10 - 20 %), Ferruginous, Medium (2 -6 mm), Concretions; Field pH 8 (pH meter);

Morphological Notes

Observation Notes

Site Notes

Very gently undulating to level plain. As per the last site. This site is a shallow gravel. A typical sandplain soil.

Project Name: Jerramungup soils inventory (=JER LRS)
Project Code: JSI **Site ID:** 1149 **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 - 0.16	5B 5.5H	26B								
0.16 - 0.65	5.1B 6.5H	2B								
0.65 - 1.25	6.1B 6.8H	8B								

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	GV	Particle Size Analysis CS	FS	Silt
m	%	Clay %	mg/kg	%	%	%	Mg/m3			%	
0 - 0.16 1.5		4.34D		320B	0.386E	0.13A			96I		2.5
0.16 - 0.65 2.5		0.24D		22B	0.018E	0.11A			96I		1.5
0.65 - 1.25 33		0.14D		34B	0.015E	0.27A			62.5I		4.5

Laboratory Analyses Completed for this profile

17A1	Total Potassium - X-ray fluorescence
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
4B_AL_NR	Aluminium in 1:5 soil/0.01M calcium chloride extract - method not recorded
4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
7A1	Total nitrogen - semimicro Kjeldahl, steam distillation
9A3	Total Phosphorus (ppm) - semimicro kjeldahl, automated colour
9H1	Anion storage capacity
P10_NR_C	Clay (%) - Not recorded
P10_NR_S	Sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded