Wimmera Rec. & Little Desert, Vic. **Project Name:** 

**Project Code:** Site ID: Observation ID: 1 A817

**CSIRO Division of Soils (VIC) Agency Name:** 

**Site Information** 

Desc. By: Date Desc.: G. Blackburn Locality: PREVIOUSLY SAMPLED AS A817A

Elevation: 10/04/62 183 metres

Map Ref.: Rainfall: 0 Northing/Long.: 141.63333333 Runoff: No Data Easting/Lat.: -36.41666667 Drainage: No Data

Geology

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

**Land Form** 

Rel/Slope Class: No Data Pattern Type: No Data Morph. Type: Ridge Relief: No Data Elem. Type: Slope Category: No Data Bar No Data 0 % Aspect: Slope:

Surface Soil Condition (dry):

**Erosion:** 

**Soil Classification** 

**Australian Soil Classification: Mapping Unit:** N/A **Principal Profile Form:** N/A

ASC Confidence: Solodized solonetz **Great Soil Group:** 

No analytical data and little or no knowledge of this soil.

Site Disturbance: Highly disturbed, for example, quarrying, roadworks, mining, landfill, urban

Vegetation:

Mid Strata - Shrub, , . \*Species includes - None recorded Tall Strata - Tree, , . \*Species includes - Eucalyptus leucoxylon

**Surface Coarse Fragments:** 

**Profile Morphology** 

0 - 0.15 m ; Medium clay;

0.23 - 0.45 m ; Sandy medium clay; Few (2 - 10 %), Calcareous, , Soft segregations; ; Sandy medium clay; Few (2 - 10 %), Calcareous, , Soft segregations; 0.5 - 0.58 m

0.63 - 0.75 m ; Few (2 - 10 %), Calcareous, , Soft segregations; Common, fine (1-2mm) roots;

0.75 - 0.85 m ; Medium clay; Few (2 - 10 %), Calcareous, , Soft segregations; Common, fine (1-2mm) roots;

1 - 1.2 m ; Sand; Firm consistence;

1.15 - 1.35 m 1.78 - 1.88 m

## **Morphological Notes**

## **Observation Notes**

LAYER 7 - OCCASIONAL POCKETS OR FINE TUBES FILLED WITH Br/C

Site Notes

**LOWAN** 

Project Name: Project Code: Agency Name: Wimmera Rec. & Little Desert, Vic.

WR Site ID: A817 CSIRO Division of Soils (VIC) Observation ID: 1

## **Laboratory Test Results:**

Depth	рН	1:5 EC Ca			Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m		,		Cmol	•			%
0 - 0.15	8.2H	0.051C								
0.23 - 0.45	8.8H	0.07C								
0.5 - 0.58	8.9H	0.065C								
0.63 - 0.75	8.6H	0.041C								
0.75 - 0.85	8.8H	0.054C								
1 - 1.2	8.5H	0.026C								
1.15 - 1.35	7.9H	0.036C								
1.78 - 1.88	7H	0.073C	1.6K	2.4	0.11	0.38				

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk		article		Analysi	
m	%	C %	P mg/kg	P %	N %	К %	Density Mg/m3	GV	cs	FS %	Silt	Clay
0 - 0.15					0.023	В			42C	17	2	38
0.23 - 0.45					0.019	В			41C	14	1	38
0.5 - 0.58					0.013	В			47C	16	2	34
0.63 - 0.75					0.005	В			65C	17	2	16
0.75 - 0.85									44C	13	1	41
1 - 1.2					0.006	В			71C	8	0	20
1.15 - 1.35									75C	10	1	13
1.78 - 1.88					0.004	В			74C	14	2	9

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	3			mm/h	mm/h

0 - 0.15 0.23 - 0.45 0.5 - 0.58 0.63 - 0.58 0.63 - 0.75 0.75 - 0.85 1 - 1.2 1.15 - 1.35 1.78 - 1.88 Project Name: Wimmera Rec. & Little Desert, Vic.

Project Code: WR Site ID: A817 Observation ID: 1

Agency Name: CSIRO Division of Soils (VIC)

## **Laboratory Analyses Completed for this profile**

2\_LOI Loss on Ignition (%)
2A1 Air-dry moisture content
3A\_TSS Electrical conductivity or

3A\_TSS Electrical conductivity or soluble salts - Total soluble salts %

4\_NR pH of soil - Not recorded

5\_NR Water soluble Chloride - Cl(%) - Not recordede

7\_NR Total nitrogen (%) - Not recorded

P10\_NR\_C
P10\_NR\_CS
Coarse sand (%) - Not recorded
P10\_NR\_FS
P10\_NR\_Z
Silt (%) - Not recorded
Silt (%) - Not recorded