Project Name Project Code Agency Name	: MEF			Observati	on ID:	1
Site Informati Desc. By: Date Desc.: Map Ref.: Northing/Long. Easting/Lat.: Geology	E. Bett 22/09/5 Sheet : 118.16		Locality: Elevation: Rainfall: Runoff: Drainage:	On Old N 288 me 300 Rapid Well drai	tres	d at 743KM peg on south boundary
ExposureType: Geol. Ref.:	: Soil pit No Da		Conf. Sub. is Pare Substrate Materia		No Dat Uncons	a solidated material (unidentified)
Land Form Rel/Slope Class Morph. Type: Elem. Type: Slope:		ata r-slope	Pattern Type: Relief: Slope Category: Aspect:	Sand pla No Data Gently ir No Data		
Surface Soil (	Conditio	<u>on (dry):</u>				
Erosion: Soil Classific:	ation					
Australian Soil Classification:Mapping Unit:N/AClass Undetermined Pedal Lithocalcic CalcarosolPrincipal Profile Form:N/AASC Confidence:Great Soil Group:Solonized brownAnalytical data are incomplete but reasonable confidence.soilSite Disturbance:No effective disturbance. Natural						N/A Solonized brown
Vegetation: Surface Coars	se Fragn	ments:				
Profile Morph A1 0 - 0.06	6 m	Greyish brown (10YR5/2-M consistence; 20-50%, Quar Smooth change to -				
A2 0.06 - 0		Yellowish red (5YR5/6-Moist); ; Sandy medium clay; 20-50 mm, Angular blocky; Very firm consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Soil matrix is Highly calcareous; Diffuse, Smooth change to -				
AB 0.23 - (	0.23 - 0.3 m Yellowish red (5YR5/6-Moist); ; Sandy medium clay; Massive grade of structure; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Few (2 - 10 %), Calcareous, , Soft segregations; Diffuse, Smooth change to -					
B 0.36 - (		Light brown (7.5YR6/4-Moist); ; Sandy medium clay; , Columnar; Very firm consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Many (20 - 50 %), Calcareous, , Soft segregations; Diffuse, Smooth change to -				
BC 0.76 - 7		Light brown (7.5YR6/4-Moist); ; Sandy medium clay; , Granular; Very firm consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Very many (50 - 100 %), Calcareous, Extremely coarse (> 60 mm), Nodules;				
C 1.37 - 7	1.37 - 1.73 m Reddish brown (2.5YR4/4-Moist); ; Sandy medium clay; Very strong consistence; 2-10%, fine gravelly, 2-6mm, Quartz, coarse fragments; Very few (0 - 2 %), Calcareous, , Soft segregations; Field pH 8.5 (pH meter);					
Morphologica	al Notes					

Observation Notes 76-137CM 20-50% OF SOFT CARBONATES ALSO:

Site Notes

NARROGIN LA.

Project Name:	MER				
Project Code:	MER	Site ID:	P294	Observation ID: 1	
Agency Name:	<b>CSIRO</b> Division	of Soils (W	/A)		

## Laboratory Test Results:

Depth	pН	1:5 EC		nangeable			kchangeable	CEC	I	ECEC	E	ESP
m		dS/m	a I	Иg	К	Na Cmol (+)/	Acidity kg					%
0 - 0.06	8.4A	0.104A										
0.06 - 0.23	9.2A	0.185A										
0.23 - 0.3	9.6A	0.357A										
0.36 - 0.76	9.8A	0.417A										
0.76 - 1.37	9.7A	0.506A										
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Pa GV	rticle CS	Size A FS	Analysis Silt	
m	%	%	mg/kg	%	%	%	Mg/m3	•••		%	•	•,
0 - 0.06 0.06 - 0.23 0.23 - 0.3	0.61A 7A 11A	0.96D		0.006D	0.06 0.05			10 1 3	20D 20D 22D	59 33 24	4 14 15	12 22 24
0.36 - 0.76	20A			0.007D	0.02	1B		6	17D	22	11	28
0.76 - 1.37	26A			0.005D	0.01	2B		54	12D	18	4	36
Depth m	COLE	Sat.	Grav 0.05 Bar		umetric W 0.5 Bar ı - m3/m3	1 Bar		Bar	K sa mm/		K unsat mm/h	t
0 - 0.06 0.06 - 0.23 0.23 - 0.3 0.36 - 0.76												

0.76 - 1.37

Project Name:	MER		
Project Code:	MER	Site ID:	P294
Agency Name:	CSIRO Divi	sion of Soils (V	VA)

## 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
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
7_NR	Total nitrogen (%) - Not recorded
9A_HCL	Total element - P(%) - By boiling HCl
P10_GRAV	Gravel (%)
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

## Observation ID: 1