Project Name: Project Code: Agency Name:	Central Aust. Exped. 1956 CAE Site ID: CSIRO Division of Soils (S		bservation ID: 1			
Site Information Desc. By:	E.A. Jackson	Locality:	SITE ON GILGAI SHELF			
•	02/06/56	Elevation:	No Data			
Map Ref.:	10100000000000	Rainfall:	0			
• •	134.988333333333 -29.03555555555556	Runoff: Drainage:	Slow Imperfectly drained			
Geology						
1	No Data	Conf. Sub. is Parent. Mat.: No Data				
	No Data	Substrate Materia	I: No Data			
Land Form	No Doto	Dettern Tunes	Dieie			
	No Data Flat	Pattern Type: Relief:	Plain 15 metres			
Elem. Type:	Pediment	Slope Category:	No Data			
	0 %	Aspect:	No Data			
	ndition (dry): Self-mulching, C	Cracking				
Erosion:						
Soil Classificatio			NI/A			
Australian Soil Cla	Issification: If-Mulching Red Vertosol		ing Unit: N/A pal Profile Form: N/A			
ASC Confidence:	in-indicining red vertosor		Soil Group: N/A			
	are available but confidence is fair					
Site Disturbance	: No effective disturbance other t	than grazing by hoofe	ed animals			
Vegetation:	Low Strata - Tussock grass, , .	*Species includes - I	None recorded			
	Tall Strata - Shrub, , . *Species	s includes - Atriplex v	esicaria			
Surface Coarse	Fragments: 20-50%, cobbly, 60	0-200mm, , Gravel				
Profile Morpholo	bav					
0 - 0.01 m	; Loam; Loose consistence change to -	; 20-50%, cobbly, 60	-200mm, Gravel, coarse fragments; Abrupt			
0.01 - 0.15	5 m Red (2.5YR4/8-Moist); ; Me fine gravelly, 2-6mm, Grave		n, Columnar; Very weak consistence; 2-10%, Diffuse change to -			
0.15 - 0.38	( ), ,		Columnar; Very weak consistence; 0-2%, fine / (2 - 10 %), Gypseous, , ; Diffuse change to -			
0.38 - 0.56	gravelly, 2-6mm, Gravel, co	Red (2.5YR4/6-Moist); ; Medium clay; 10-20 mm, Columnar; Very firm consistence; 0-2%, fine gravelly, 2-6mm, Gravel, coarse fragments; Few (2 - 10 %), Gypseous, Fine (0 - 2 mm), ; Abrupt change to -				
0.56 - 0.71		Red (2.5YR4/6-Moist); ; Medium clay; 20-50 mm, Columnar; Strong consistence; 0-2%, fine gravelly, 2-6mm, Gravel, coarse fragments; Diffuse change to -				
0.71 - 0.89		; Medium clay; 20-50 mm, Columnar; Strong consistence; 0-2%, fine gravelly, 2-6mm, Gravel, coarse fragments; Few (2 - 10 %), Gypseous, Coarse (6 - 20 mm), Crystals;				
0.89 - 1.14	1 m ; Medium clay; Very weak o	; Medium clay; Very weak consistence; 10-20%, fine gravelly, 2-6mm, Gravel, coarse				
1.14 - 1.44	m; Sandy loam; Loose consis	stence; 2-10%, mediu	um gravelly, 6-20mm, Gravel, coarse fragments;			
		. ,				

Morphological Notes

## **Observation Notes**

STONES CONSIST OF BILLY SOME Fe STAINED.

Site Notes

N.W. PASTORAL

Project Name:	Central A	ust. Exped. 1956			
Project Code:	CAE	Site ID:	A387	Observation ID:	1
Agency Name:	CSIRO D	ivision of Soils (S	A)		

## Laboratory Test Results:

Depth	рН	1:5 EC		nangeable C	Cations K		changeable	CEC	I	ECEC	E	SP
m		dS/m	Ca i	Иg	n	Na Cmol (+)/k	Acidity g				9	6
0 - 0.01 0.01 - 0.15 0.15 - 0.38 0.38 - 0.56 0.56 - 0.71 0.71 - 0.89 0.89 - 1.14	7H 6.3H 6.5H 6.3H 6.3H 6.4H 6.7H	0.11C 3C 4.6C 3.7C 3.3C 8.9C 10.8C			16							
1.14 - 1.44	6.8H	6.1C										
Depth m	CaCO3 %	Organic C %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Pa GV	rticle CS	Size A FS %	nalysis Silt (	Clay
0 - 0.01 0.01 - 0.15 0.15 - 0.38 0.38 - 0.56 0.56 - 0.71 0.71 - 0.89 0.89 - 1.14 1.14 - 1.44				0.045F	0.02	2B		57 14 5 3 30	11C 12C 5C 4C 4C 30C	54 50 33 32 28 41	23 19 18 14 5 10	12 20 48 50 51
Depth m	COLE	Sat.	Grav 0.05 Bar	0.1 Bar	ımetric W 0.5 Bar - m3/m3	/ater Conter 1 Bar }		Bar	K sa mm/		K unsat mm/h	

0 - 0.01 0.01 - 0.15 0.15 - 0.38 0.38 - 0.56 0.56 - 0.71 0.71 - 0.89 0.89 - 1.14 1.14 - 1.44 Project Name:Central Aust. Exped. 1956Project Code:CAESite ID:Agency Name:CSIRO Division of Soils (SA)

Observation ID: 1

## Laboratory Analyses Completed for this profile

15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
2_LOI	Loss on Ignition (%)
2A1	Air-dry moisture content
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
9A_NR	Total element - P(%) - Not recorded
P10_GRAV	Gravel (%)
P10_NR_C	Clay (%) - Not recorded
P10_NR_CS	Coarse sand (%) - Not recorded
P10_NR_FS	Fine sand (%) - Not recorded
P10_NR_Z	Silt (%) - Not recorded
XRD_C_II	Illite - X-Ray Diffraction
XRD_C_ls	Interstratified clay minerals - X-Ray Diffraction
XRD_C_Ka	Kaolin - X-Ray Diffraction
XRD_C_Qz	Quartz - X-Ray Diffraction
XRD_C_St	Smectite - X-Ray Diffraction