Project Name: **Lower Eyre Penin., S.A.**
Project Code: **LE1** **Site ID:** **A552** **Observation ID:** **1**
Agency Name: **CSIRO Division of Soils (SA)**

Site Information

Desc. By:	C.D. Smith	**Locality:**	
Date Desc.:	//	**Elevation:**	No Data
Map Ref.:	Sheet No. : SI53-11 1:250000	**Rainfall:**	0
Northing/Long.:	135.966944444445	**Runoff:**	No Data
Easting/Lat.:	-34.3783333333333	**Drainage:**	No Data

Geology

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

Land Form

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

Surface Soil Condition (dry):

Erosion:

Soil Classification

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

Site Disturbance: No effective disturbance. Natural

Vegetation:

Mid Strata - Shrub, , . *Species includes - Xanthorrhoea species
Tall Strata - Tree mallee, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.15 m	; Loam; 20-50%, coarse fragments; Sharp change to -
C	0.15 - 0.45 m	;

Morphological Notes

Observation Notes

VEG-SCLERO SCRUB

Site Notes

FLINDERS

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations				Exchangeable	CEC	ECEC	ESP
			Ca	Mg	K	Na	Acidity			
m		dS/m				Cmol (+)/kg				%
0 - 0.15	7H	0.03C	6.4K	4.1	0.53	0.61				
0.15 - 0.45	7.1H	0.061C								

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 - 0.15		2E		0.014F	0.11B	0.11B		37	25C	37	16	20
0.15 - 0.45												

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							mm/h	mm/h
0 - 0.15										
0.15 - 0.45										

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Laboratory Analyses Completed for this profile

15_NR_CA	Exch. basic cations (Ca++) - meq per 100g of soil - Not recorded
15_NR_K	Exch. basic cations (K++) - meq per 100g of soil - Not recorded
15_NR_MG	Exch. basic cations (Mg++) - meq per 100g of soil - Not recorded
15_NR_NA	Exch. basic cations (Na++) - meq per 100g of soil - Not recorded
17A_NR	Total element - K(%) - 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
6Z	Organic carbon (%) - Not recorded
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