

Project Name: Trace Elements
Project Code: TR1 Site ID: A759 Observation ID: 1
Agency Name: CSIRO Division of Soils (SA)

Site Information

Desc. By:	G. Blackburn	Locality:	GORDONS QUARRY - GRAZING
Date Desc.:	03/11/60	Elevation:	122 metres
Map Ref.:		Rainfall:	640
Northing/Long.:	141.41944444	Runoff:	Very rapid
Easting/Lat.:	-37.49444444	Drainage:	Rapidly drained

Geology

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

Land Form

Rel/Slope Class:	Rolling low hills 30-90m 10-	Pattern Type:	Low hills
Morph. Type:	Simple-slope	Relief:	76 metres
Elem. Type:	Hillslope	Slope Category:	Gently inclined
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:	Krasnozern

No analytical data are available but confidence is fair.

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

Vegetation: Low Strata - , , . *Species includes - None recorded
Tall Strata - Shrub, , . *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

0 - 0.05 m ; Loam;
0.3 - 0.45 m ; Medium clay;
0.75 - 1.05 m ; Medium clay; 20-50%, bouldery, 600mm-2m, coarse fragments;
1.5 - 1.8 m ;

Morphological Notes

chips of newly quarried stone (serpentine)

Observation Notes

BOULDERS
CARBONATE OF MAGNESIUM
CARBONATE VEIN THROUGH OLDER WORKED STONE: LAYER 3 - WEATHERED ROCK & CLAY BETWEEN

CALCIUM

Site Notes

Observation ID: 1

Agency Name: CSIRO Division of Soils (SA)

Laboratory Test Results:

[illegible][illegible][illegible]

Project Name: Trace Elements

Project Code: TR1 **Site ID:** A759

Observation ID: 1

Agency Name: CSIRO Division of Soils (SA)

Laboratory Analyses Completed for this profile

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 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