

Project Name: Corrigin land resources survey
Project Code: COR **Site ID:** 0029 **Observation ID:** 1
Agency Name: Agriculture Western Australia

Site Information

Desc. By:	Bill Verboom	Locality:	
Date Desc.:	01/04/96	Elevation:	No Data
Map Ref.:		Rainfall:	No Data
Northing/Long.:	6406210 AMG zone: 50	Runoff:	No Data
Easting/Lat.:	592460 Datum: AGD84	Drainage:	No Data

Geology

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

Land Form

Rel/Slope Class:	No Data	Pattern Type:	No Data
Morph. Type:	Upper-slope	Relief:	No Data
Elem. Type:	Drainage depression	Slope Category:	No Data
Slope:	4 %	Aspect:	315 degrees

Surface Soil Condition

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
N/A		Principal Profile Form:	N/A
ASC Confidence:		Great Soil Group:	N/A
Confidence level not specified			

Site

Vegetation:

Surface Coarse

Profile

A1	0 - 0.06 m	Olive brown (2.5Y4/4-Moist); ; Sand; Weak grade of structure, 200-500 mm; Very weak consistence; 10-
-		20%, medium gravelly, 6-20mm, Ironstone, coarse fragments; Abrupt, Smooth change to -
B2	0.06 - 0.8 m	Olive yellow (2.5Y6/8-Moist); ; Loamy sand; Single grain grade of structure; Very weak consistence;
		Diffuse, Smooth change to -

Morphological Notes

A1 Partial bleaching---structure: W.OEV--C.P.S.S.???

Observation Notes

Site Notes

"Pit #5"--Gorge Rock field day -aeolian residual sands---in small depression between gravelly rises

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Laboratory Test Results:

Depth	pH	1:5 EC	Ca	Exchangeable Mg	Cations K	Na	Exchangeable Acidity	CEC	ECEC	ESP
m		dS/m				Cmol (+)/kg				%
0 - 0.06	5.2B 5.8H	20B	1.08H	0.85	0.38	0.48	0.04J		2.79D	
0.06 - 0.4	4.5B 5H	5B	0.46H	0.32	0.18	0.1	0.11J		1.06D	
0.4 - 0.8	5.1B 5.5H	4B	0.74H	0.48	0.06	0.08	0.03J		1.36D	

Depth	CaCO3	Organic C Clay	Avail. P	Total P	Total N	Total K	Bulk Density	Particle Size Analysis
m	%	%	mg/kg	%	%	%	Mg/m3	GV CS FS Silt
0 - 0.06		0.64D		120B	0.058E			2.1
7.7								
0.06 - 0.4		0.07D		22B	0.008E			2
11.2								
0.4 - 0.8				18B				2.1
11.8								

Laboratory Analyses Completed for this profile

15_NR_BSa	Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available
15_NR_CMRR	Exchangeable bases (Ca/Mg ratio) - Not recorded
15_NR_MN	Exchangeable bases (Mn++) - meq per 100g of soil - Not recorded
15E1_AL	Exchangeable Al - by compulsive exchange, no pretreatment for soluble salts
15E1_CA	Exchangeable bases (Ca2+,Mg2+,Na+,K+) by compulsive exchange, no pretreatment for soluble salts
15E1_K	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15E1_MG	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15E1_NA	Exchangeable bases, CEC and AEC by compulsive exchange, no pretreatment for soluble salts
15J_BASES	Sum of Bases
15N1_b	Exchangeable sodium percentage (ESP) - Auto calculated from available using Sum of Cations
3_NR	Electrical conductivity or soluble salts - Not recorded
4_NR	pH of soil - Not recorded
4B_AL_NR	Aluminium in 1:5 soil/0.01M calcium chloride extract - method not recorded
4B1	pH of 1:5 soil/0.01M calcium chloride extract - direct
6A1_UC	Organic carbon (%) - Uncorrected Walkley and Black method
7A1	Total nitrogen - semimicro Kjeldahl, steam distillation
9A3	Total Phosphorus (ppm) - semimicro kjeldahl, automated colour
9H1	Anion storage capacity
P10_1m2m	1000 to 2000u particle size analysis, (method not recorded)
P10_20_75	20 to 75u particle size analysis, (method not recorded)
P10_75_106	75 to 106u particle size analysis, (method not recorded)
P10_NR_C	Clay (%) - Not recorded
P10_NR_Saa	Sand (%) - Not recorded arithmetic difference, auto generated
P10_NR_Z	Silt (%) - Not recorded
P10106_150	106 to 150u particle size analysis, (method not recorded)
P10150_180	150 to 180u particle size analysis, (method not recorded)
P10180_300	180 to 300u particle size analysis, (method not recorded)
P10300_600	300 to 600u particle size analysis, (method not recorded)
P106001000	600 to 1000u particle size analysis, (method not recorded)

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