

**Project Name:** Corrigin land resources survey  
**Project Code:** COR **Site ID:** 0185 **Observation ID:** 1  
**Agency Name:** Agriculture Western Australia

#### Site Information

<b>Desc. By:</b>	Bill Verboom	<b>Locality:</b>	
<b>Date Desc.:</b>	14/06/96	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>		<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	6416337 AMG zone: 50	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	622308 Datum: AGD84	<b>Drainage:</b>	No Data

#### Geology

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

#### Land Form

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	Peneplain
<b>Morph. Type:</b>	No Data	<b>Relief:</b>	No Data
<b>Elem. Type:</b>	No Data	<b>Slope Category:</b>	No Data
<b>Slope:</b>	1 %	<b>Aspect:</b>	No Data

**Surface Soil Condition** Surface crust

#### Erosion:

#### Soil Classification

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

#### Site

#### Vegetation:

**Surface Coarse** ; No surface coarse fragments

#### Profile

A1	0 - 0.07 m	Brown (7.5YR4/4-Moist); , 0-0% ; Fine sandy loam; Weak grade of structure, <2 mm, Granular;
		Moderately moist; Weak consistence; 2-10%, medium gravelly, 6-20mm, subrounded, Ironstone, coarse fragments; AbundantClear, Smooth change to -
A2c	0.07 - 0.2 m	Strong brown (7.5YR5/6-Moist); , 0-0% ; Fine sandy loam; Weak grade of structure, 2-5 mm; Moderately
		moist; Weak consistence; 20-50%, medium gravelly, 6-20mm, subrounded, Ironstone, coarse fragments; AbundantGradual, Wavy change to -
B2cw	0.2 - 0.3 m	Strong brown (7.5YR5/6-Moist); , 0-0% ; Fine sandy loam; Moderately moist; 20-50%, medium gravelly,
		6-20mm, subrounded, Ironstone, coarse fragments; ManyGradual, Tongued change to -
B2cm	0.3 - 0.66 m	Red (2.5YR4/6-Moist); , 0-0% ; Sand; , Platy; Dry; Ferricrete, Massive; Few

#### Morphological Notes

A1	
A2c	Structure 2-5mm subrounded blocky.
B2cw	Gravelly

#### Observation Notes

#### Site Notes

Slight surface crust.

**Project Name:** Corrigin land resources survey  
**Project Code:** COR **Site ID:** 0185 **Observation** 1  
**Agency Name:** Agriculture Western Australia

**Laboratory Test Results:**

Depth m	pH	1:5 EC dS/m	Ca	Exchangeable Mg	Cations K	Na Cmol (+)/kg	Exchangeable Acidity	CEC	ECEC	ESP %
0 - 0.07	5B 5.6H	9B	4.36H	1.3	0.48	0.24	0.12J		6.38D	
0 - 0.07	5B 5.6H	9B	4.36H	1.3	0.48	0.24	0.12J		6.38D	
0 - 0.04										
0.1 - 0.2	4B 4.5H	10B	1.3H	0.65	0.13	0.22	1.09J		2.3D	
0.1 - 0.2	4B 4.5H	10B	1.3H	0.65	0.13	0.22	1.09J		2.3D	
0.1 - 0.14										
0.2 - 0.3	3.9B 4.3H	10B	0.98H	0.52	0.1	0.14	1.39J		1.74D	
0.2 - 0.3	3.9B 4.3H	10B	0.98H	0.52	0.1	0.14	1.39J		1.74D	

Depth m	CaCO3 %	Organic C Clay %	Avail. P mg/kg	Total P %	Total N %	Total K %	Bulk Density Mg/m3	Particle GV CS	Size FS	Analysis Silt
0 - 0.07		1.76D		95B	0.085E					11
19.7										
0 - 0.07		1.76D		95B	0.085E					11
19.7										
0 - 0.04							1.44			
0.1 - 0.2		0.59D		48B	0.038E					7.7
32.2										
0.1 - 0.2		0.59D		48B	0.038E					7.7
32.2										
0.1 - 0.14							1.38			
0.2 - 0.3				43B						7.1
32.8										
0.2 - 0.3				43B						7.1
32.8										

**Laboratory Analyses Completed for this profile**

15_NR_BSa	Exchangeable bases (Ca++) - meq per 100g of soil - Auto calculated from available
15_NR_CMV	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_MN	Exchangeable bases (Mn2+) 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)



**Project Name:** Corrigin land resources survey  
**Project Code:** COR **Site ID:** 0185 **Observation** 1  
**Agency Name:** Agriculture Western Australia

P10\_gt2m > 2mm 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)  
 P3A\_NR Bulk density - Not recorded