

**Project Name:** Soil Carbon Paired Sites project  
**Project Code:** SC2      **Site ID:** WHS4      **Observation ID:** 1  
**Agency Name:** Agriculture Western Australia

**Site Information**

<b>Desc. By:</b>	Brendan Nicholas	<b>Locality:</b>	
<b>Date Desc.:</b>	21/02/01	<b>Elevation:</b>	No Data
<b>Map Ref.:</b>		<b>Rainfall:</b>	No Data
<b>Northing/Long.:</b>	6300566 AMG zone: 51	<b>Runoff:</b>	No Data
<b>Easting/Lat.:</b>	415003 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

**Landform**

<b>Rel/Slope Class:</b>	No Data	<b>Pattern Type:</b>	No Data
<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>	%	<b>Aspect:</b>	No Data

**Surface Soil Condition**

**Erosion**

**Soil Classification**

<b>Australian Soil Classification:</b>		<b>Mapping Unit:</b>	N/A
Hypercalcic Subnatric Grey Sodosol		<b>Principal Profile Form:</b>	N/A
<b>ASC Confidence:</b>		<b>Great Soil Group:</b>	N/A
All necessary analytical data are available.			

**Site Disturbance**

**Vegetation**

**Surface Coarse Fragments**

**Profile Morphology**

- m ;  
 - m ;  
 - m ;  
 0.3 - 0.7 m ;  
 0.7 - 1 m ;

**Morphological Notes**

generated from SAMPLES  
 generated from SAMPLES  
 generated from SAMPLES  
 generated from SAMPLES  
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**Observation Notes**

**Site Notes**

Description as per WHS2

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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 - 0.1										
0 - 0.1										
0 - 0.1										
0.1 - 0.2										
0.1 - 0.2										
0.1 - 0.2										
0.2 - 0.3										
0.2 - 0.3										
0.2 - 0.3										
0.3 - 0.7										
0.3 - 0.7										
0.5 - 0.6										
0.7 - 1										
0.7 - 1										
0.8 - 0.9										

Depth	CaCO3	Organic C Clay	Avail. P	Total P	Total N	Total K	Bulk Density	Particle GV	Size CS	Analysis FS	Silt
m	%	%	mg/kg	%	%	%	Mg/m3			%	
0 - 0.1		1.38D							86.5l		3.5
10											
0 - 0.1		1.38D							86.5l		3.5
10											
0 - 0.1		1.38D							86.5l		3.5
10											
0.1 - 0.2		0.62D							54.5l		2.5
43											
0.1 - 0.2		0.62D							54.5l		2.5
43											
0.1 - 0.2		0.62D							54.5l		2.5
43											
0.2 - 0.3		0.41D							43l		5
52											
0.2 - 0.3		0.41D							43l		5
52											
0.2 - 0.3		0.41D							43l		5
52											
0.3 - 0.7		0.22D							46l		5.5
48.5											
0.3 - 0.7		0.22D							46l		5.5
48.5											
0.5 - 0.6											
0.7 - 1		0.11D							30.5l		3
66.5											
0.7 - 1		0.11D							30.5l		3
66.5											
0.8 - 0.9											

**Laboratory Analyses Completed for this profile**

2A1 Air-dry moisture content  
 6A1\_UC Organic carbon (%) - Uncorrected Walkley and Black method  
 P10\_gt2MI > 2mm particle size analysis mineral fragments, (method not recorded)  
 P10\_gt2OM > 2mm particle size analysis organic fragments, (method not recorded)  
 P10\_NR\_C Clay (%) - Not recorded  
 P10\_NR\_S Sand (%) - Not recorded  
 P10\_NR\_Z Silt (%) - Not recorded  
 P3A1\_C4 Bulk density - core, 100mm by 81mm dia



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