Agency Name:	DE Site CSIRO Division of S		Observation ID:	: 1
Site Informatio	<u>n</u>			
Desc. By:	W.M. MacArthur	Locality:	1.6KM along Ba Road	ald Hills Road from Armidale/Dorrigo
Date Desc.: Map Ref.: Northing/Long.: Easting/Lat.:	22/11/59 Sheet No. : 9337 1:1000 152.4541666666667 -30.351944444445	Elevation: 000 Rainfall: Runoff: Drainage:	1370 metres 1250 Moderately rapi Moderately wel	
<u>Geology</u> ExposureType: Geol. Ref.:	No Data No Data	Conf. Sub. is Pa Substrate Mater		Data porous, dense, Basalt
Land Form Rel/Slope Class:	Undulating low hills 30-90	m 3- Pattern Type:	Low hills	
Morph. Type: Elem. Type: Slope:	Lower-slope Bench 6 %	Relief: Slope Category: Aspect:	30 metres Gently inclined 270 degrees	
Surface Soil Co	ondition (dry): Soft			
Erosion:				
Soil Classificat	ion			
Australian Soil C			ping Unit:	N/A
				110.40
ASC Confidence	:	Grea	cipal Profile Form at Soil Group:	: Um6.13 Chocolate soil
ASC Confidence Analytical data are Site Disturbanc Vegetation: pecies Surface Coarse	: e incomplete but reasonable : <u>e:</u> Low Strata - Sod grass <u>e Fragments:</u> No surface	Grea e confidence. s, 0.26-0.5m, Closed or den	at Soil Group:	Chocolate soil
ASC Confidence Analytical data are Site Disturbanc Vegetation: pecies	: e incomplete but reasonable : <u>e:</u> Low Strata - Sod grass <u>e Fragments:</u> No surface <u>logy</u> n Dark reddish brown	Grea e confidence. a, 0.26-0.5m, Closed or den e coarse fragments	at Soil Group: se. *Species includ ny; Moderate grade	Chocolate soil
ASC Confidence Analytical data are Site Disturbanc Vegetation: Decies Surface Coarse Profile Morphol	: e incomplete but reasonable e: Low Strata - Sod grass Fragments: No surface logy Dark reddish brown blocky; Very weak o 3 m Dark reddish brown	Grea e confidence. 5, 0.26-0.5m, Closed or den coarse fragments a (5YR3/2-Moist); ; Light cla consistence; Field pH 5.8 (p	at Soil Group: se. *Species includ by; Moderate grade bH meter); heavy clay; Strong	Chocolate soil les - Bothriochloa decipiens, Unknown
ASC Confidence Analytical data are <u>Site Disturbanc</u> Vegetation: becies Surface Coarse Profile Morphol 0 - 0.15 r	: e incomplete but reasonable <u>e:</u> Low Strata - Sod grass <u>e Fragments:</u> No surface <u>logy</u> n Dark reddish brown blocky; Very weak o 3 m Dark reddish brown Polyhedral; Weak o m Dark reddish brown	Grea e confidence. 5, 0.26-0.5m, Closed or den e coarse fragments a (5YR3/2-Moist); ; Light cla consistence; Field pH 5.8 (p a (5YR3/3-Moist); ; Medium consistence; Field pH 5.7 (p	at Soil Group: se. *Species includ by; Moderate grade bH meter); heavy clay; Strong bH meter); m heavy clay; Mod	Chocolate soil les - Bothriochloa decipiens, Unknown of structure, 5-10 mm, Angular
ASC Confidence Analytical data are Site Disturbanc Vegetation: Decies Surface Coarse Profile Morphol 0 - 0.15 r 0.15 - 0.3	: e incomplete but reasonable <u>e Fragments:</u> No surface logy n Dark reddish brown blocky; Very weak o 3 m Dark reddish brown Polyhedral; Weak o m Dark reddish brown mm, Polyhedral; Weak	Grea e confidence. 5, 0.26-0.5m, Closed or den e coarse fragments a (5YR3/2-Moist); ; Light cla consistence; Field pH 5.8 (p a (5YR3/3-Moist); ; Medium consistence; Field pH 5.7 (p a (2.5YR3/4-Moist); ; Mediu eak consistence; Field pH 5	at Soil Group: se. *Species includ by; Moderate grade oH meter); heavy clay; Strong oH meter); m heavy clay; Mod 5.7 (pH meter); ay; Weak grade of	Chocolate soil les - Bothriochloa decipiens, Unknown of structure, 5-10 mm, Angular grade of structure, 5-10 mm, erate grade of structure, 10-20 structure, 10-20 mm, Subangular
ASC Confidence Analytical data are <u>Site Disturbanc</u> Vegetation: becies Surface Coarse Profile Morphol 0 - 0.15 r 0.15 - 0.3 0.3 - 0.6	: e incomplete but reasonable Ee: Low Strata - Sod grass EFragments: No surface logy m Dark reddish brown blocky; Very weak of 3 m Dark reddish brown Polyhedral; Weak of m Dark reddish brown mm, Polyhedral; Weak 1 m Dark red (2.5YR3/6 blocky; Weak cons meter); 22 m Dark red (2.5YR3/6	Grea e confidence. 5, 0.26-0.5m, Closed or den e coarse fragments a (5YR3/2-Moist); ; Light cla consistence; Field pH 5.8 (p a (5YR3/3-Moist); ; Medium consistence; Field pH 5.7 (p a (2.5YR3/4-Moist); ; Medium eak consistence; Field pH 5 a (2.5YR3/4-Moist); ; Medium eak consistence; A (2.5YR3/4-Moist); ; Me	at Soil Group: se. *Species includ by; Moderate grade bH meter); heavy clay; Strong bH meter); m heavy clay; Mod 5.7 (pH meter); ay; Weak grade of ay; Weak grade of	Chocolate soil les - Bothriochloa decipiens, Unknown of structure, 5-10 mm, Angular g grade of structure, 5-10 mm, erate grade of structure, 10-20 structure, 10-20 mm, Subangular gments; Field pH 5.6 (pH structure, 10-20 mm, Subangular
ASC Confidence Analytical data are Site Disturbanc Vegetation: Decies Surface Coarse Profile Morphol 0 - 0.15 r 0.15 - 0.3 0.3 - 0.6 0.6 - 0.91	: e incomplete but reasonable :e: Low Strata - Sod grass • Fragments: No surface logy m Dark reddish brown blocky; Very weak of 3 m Dark reddish brown Polyhedral; Weak of m Dark reddish brown mm, Polyhedral; Weak 1 m Dark red (2.5YR3/6 blocky; Weak cons meter); 22 m Dark red (2.5YR3/6 blocky; Weak cons	Grea e confidence. 5, 0.26-0.5m, Closed or den e coarse fragments a (5YR3/2-Moist); ; Light cla consistence; Field pH 5.8 (p a (5YR3/3-Moist); ; Medium consistence; Field pH 5.7 (p a (2.5YR3/4-Moist); ; Medium eak consistence; Field pH 5 6-Moist); ; Medium heavy cla sistence; 2-10%, dispersed, 6-Moist); ; Medium heavy cla	at Soil Group: se. *Species includ by; Moderate grade oH meter); heavy clay; Strong oH meter); m heavy clay; Mod 5.7 (pH meter); ay; Weak grade of , Basalt, coarse fra ay; Weak grade of	Chocolate soil les - Bothriochloa decipiens, Unknowr of structure, 5-10 mm, Angular g grade of structure, 5-10 mm, erate grade of structure, 10-20 structure, 10-20 mm, Subangular gments; Field pH 5.6 (pH structure, 10-20 mm, Subangular

Observation Notes STEPPED LANDSCAPE:MANY WORMS AND WORM CASTS TO 30CM

Site Notes DORRIGO EBOR

Project Name:	DE				
Project Code:	DE	Site ID:	C435	Observation ID:	1
Agency Name:	CSIRO Division	of Soils (N	SW)		

## Laboratory Test Results:

Depth m	рН	1:5 EC dS/m		nangeable ( /Ig	Cations K	Exe Na Cmol (+)/k	changeable Acidity	CEC	ECE	C ESP
		uom					9			70
Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density		icle Size CS FS	Analysis Silt Clay
m	%	%	mg/kg	%	%	%	Mg/m3		%	
Depth	COLE		Gravi	metric/Vol	umetric W	ater Conter	nts		K sat	K unsat
m		Sat.	0.05 Bar		0.5 Bar - m3/m3	1 Bar	5 Bar 15	Bar	mm/h	mm/h

Project Name:DEProject Code:DESite ID:C435Agency Name:CSIRO Division of Soils (NSW)

Observation ID: 1

Laboratory Analyses Completed for this profile