Supplementary Material

Table S1. Soil chemical and physical attributes in the experimental area.

Deph	O.M	pH (H2O)	Al	H + Al	CEC efet.	CEC pH 7	Ca	Mg	P	K
(cm)	dag kg-1		----------cmolc dm-3----------						---- mg dm-3--	
0-20	0.6	4.9	0.7	2.1	1.5	2.9	0.6	0.2	8.4	16.0
20-40	0.5	5.1	0.4	2.4	1.4	3.4	0.8	0.2	13.2	14.2
40-60	0.4	5.1	0.8	2.0	1.6	2.8	0.6	0.1	10.2	13.0
60-80	0.3	5.0	0.8	2.3	1.5	3.0	0.6	0.1	9.5	12.0
80-100	0.3	5.1	0.8	2.6	1.4	3.2	0.5	0.1	9.3	14.6

Deph (cm)	m	BS	Sandy coarse	Sandy fine	Silt	Clay
	----------%					
0-20	47.1	27.7	93.1	3.6	0.0	3.3
20-40	36.0	27.0	92.8	5.8	0.0	1.4
40-60	52.2	26.3	91.9	6.3	0.0	1.7
60-80	56.5	22.8	92.8	5.0	0.0	2.2
80-100	57.6	19.3	92.2	5.5	0.0	2.3

P and K: Mehlich-1 Extractor;
Al, Ca and Mg: KCl 1 mol l^{-1} Extractor;
H + Al: $Ca(OAc)_2$ 0.5 mol l^{-1} pH 7.0 Extractor;
O.M. = Organic matter; CEC = Cation Exchange capacity; m = Aluminium saturation percentage; BS = Base saturation percentage.

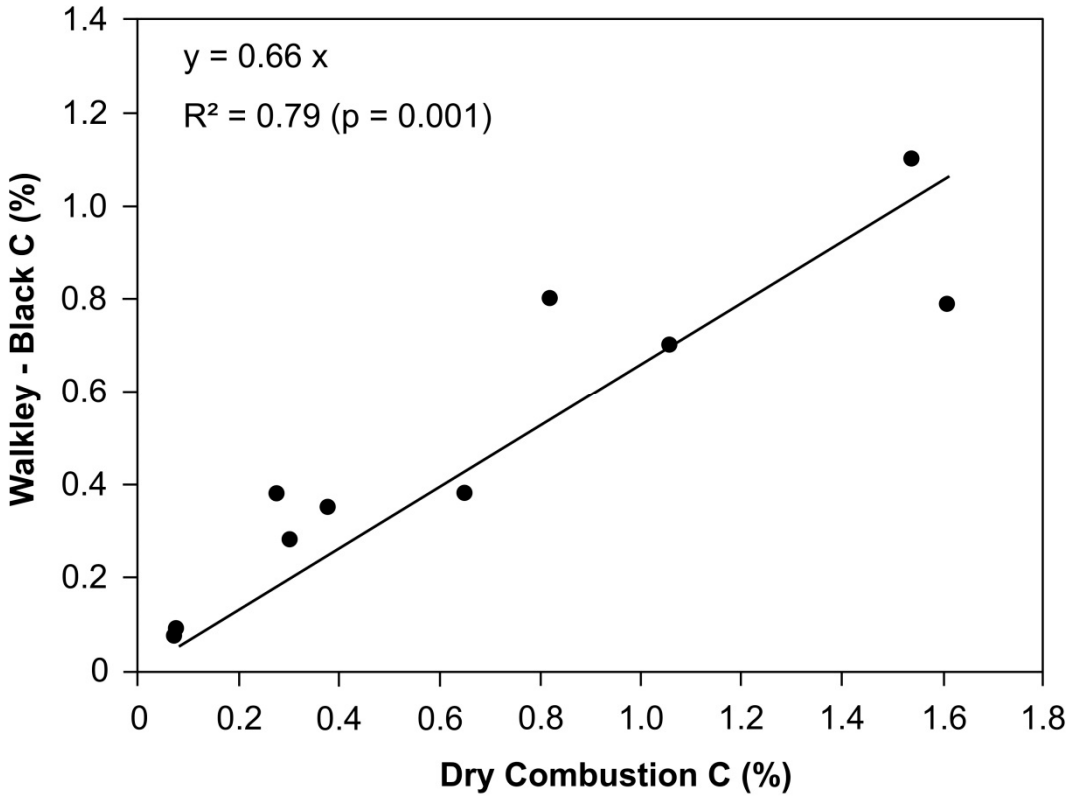

Figure S1. Relationship between C evaluated by Walkley-Black (wet digestion) method and dry combustion method.

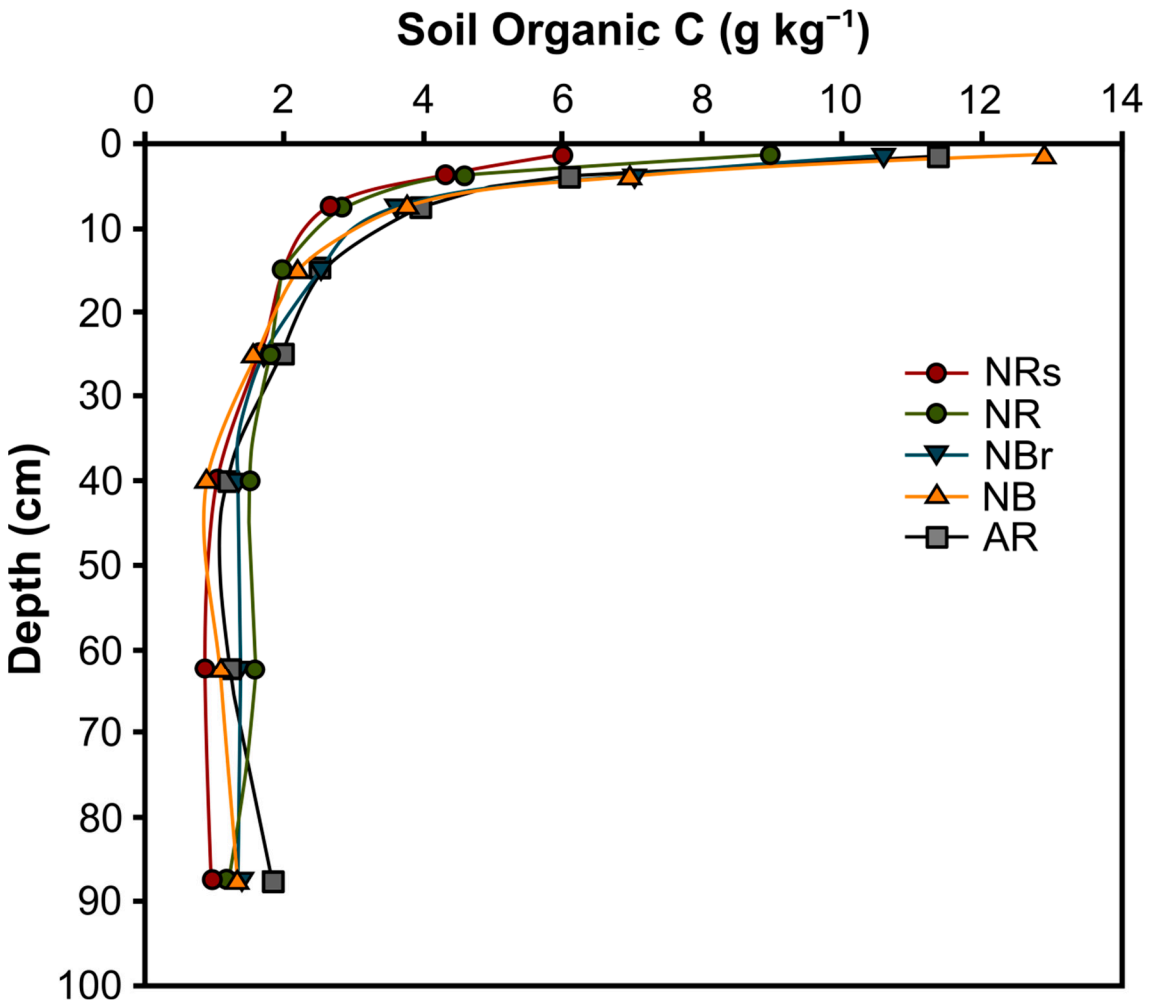

Figure S2. Total organic carbon content of a Quartzarenic Neosol in the 0–100 cm layer, cultivated under different management of eucalyptus harvest residues at six years of age.