

SOIL CARBON ANALYSIS REPORT

3 samples supplied by Organic and Regenerative Investment on 25th February, 2022. Lab Job No.M6560

Analysis requested by Carolyn Suggate. Your Job: Red Plateau Organic Produce

547 Dry Creek Road BONNIE DOON VIC 3720

	Sample 1	Sample 2	Sample 3
Sample ID:	Green Line	Purple Line	Orange Line
Crop:	N/G	N/G	N/G
Client:	Red Plateau Organic Produce	Red Plateau Organic Produce	Red Plateau Organic Produce

Parameter	Method reference	M6560/1	M6560/2	M6560/3
Total moisture content (%)		33.2	40.8	29.3
Gravimetric water content (g water/g oven-dry mass)		0.035	0.046	0.024
Air Dry Mass (g)	Carbon Farming Initiative - Measurement of Soil Carbon Sequestration in Agricultural Systems 2018	362	328	374
Oven Dry Equivalent Mass (g)		350	314	365
Gravel Content (g air dried basis)		10.4	25.2	4.3
Total Organic Carbon (% C oven dried basis)		5.59	5.91	3.60

Notes:

1. Samples analysed on an 'air dry' basis - soils were dried at 40°C prior to sieving for gravel content at 2mm then crushing.
2. Testing conducted according to the Carbon Farming Initiative - Measurement of Soil Carbon Sequestration in Agricultural Systems 2018
3. Large aggregates are broken down with a spatula or mortar and pestle before drying
4. The <2mm fraction was sub-sampled by manual coning and quartering
5. Crushed soils were pretreated with acid prior to Carbon analysis on the LECO SC832 Analyser.
6. Carbon results are reported on an oven dried basis (105° C)
7. Analysis conducted between sample arrival date and reporting date.
8. This report is not to be reproduced except in full. Results only relate to the item tested.
9. All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions.
10. This report was issued on 21/04/2022.

Quality Checked: Kris Saville
 Agricultural Co-Ordinator

KS