

SOIL CARBON ANALYSIS REPORT

4 samples supplied by RJ & MJ WHitsed & Co Pty Ltd on 16th December, 2020. Lab Job No.K1812

Analysis requested by Stephen Whitsed. Your Job: Pasture

2053 Upper Murray Road BIGGARA VIC 3707

	Sample 1	Sample 2	Sample 3	Sample 4
Sample ID:	Ramp Paddock	Franks	Big Square Paddock	Goldfields
Crop:	Pasture	Pasture	Pasture	Pasture
Client:	S. Whitsed	S. Whitsed	S. Whitsed	S. Whitsed

Parameter	Method reference	K1812/1	K1812/2	K1812/3	K1812/4
Total moisture content (%)		16.6	27.3	12.7	17.2
Gravimetric water content (g water/g oven-dry mass)		0.020	0.028	0.014	0.018
Air Dry Mass (g)	Carbon Farming Initiative - Measurement of Soil Carbon Sequestration in Agricultural Systems 2018	211	207	307	272
Oven Dry Equivalent Mass (g)		207	201	303	267
Gravel Content (g air dried basis)		0.3	0.1	7.9	2.8
Total Organic Carbon (% C oven dried basis)		2.75	4.13	2.69	3.22

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 19/02/2021.

Quality Checked: Kris Saville
 Agricultural Co-Ordinator

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