SOIL CARBON ANALYSIS REPORT

5 samples supplied by RJ & MJ WHitsed & Co Pty Ltd on 25th October, 2021. Lab Job No.M2742

Analysis requested by Stephen Whitsed. Your Job: Soil

2053 Upper Murray Road BIGGARA VIC 3707

		Sample 1	Sample 2	Sample 3	Sample 4	Sample 5
Sample ID:		**Goldfields**	**Franks**	**Ramp Paddock**	**Oldens**	**Big Square Paddock**
Crop:		**Pasture**	**Pasture**	**Pasture**	**Pasture**	**Pasture**
Client:		**Whitsed**	**Whitsed**	**Whitsed**	**Whitsed**	**Whitsed**
Parameter	**Method reference**	**M2742/1**	**M2742/2**	**M2742/3**	**M2742/4**	**M2742/5**
Total moisture content (%)	Carbon Farming Initiative - Measurement of Soil Carbon Sequestration in Agricultural Systems 2018	27.8	33.7	30.3	28.8	25.1
Gravimetric water content (g water/g oven-dry mass)		0.022	0.028	0.023	0.021	0.019
Air Dry Mass (g)		314	295	281	275	295
Oven Dry Equivalent Mass (g)		307	288	274	270	290
Gravel Content (g air dried basis)		4.9	0.6	3.2	0.7	16.0
Total Organic Carbon (% C oven dried basis)		2.92	4.81	3.41	3.67	3.58

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 09/11/2021.

Quality Checked: Kris Saville
Agricultural Co-Ordinator