

ANALYTICAL REPORT

Report Number	82311-23	W138	RE-ORGANICS	Client	T MORGAN
Date Received	02-AUG-2023		CONSULTING LTD		NOYADD FARM
Date Reported	09-AUG-2023		APPLE BARN		RHAYADER
Project	SOIL		ELTON LANE		POWYS
Reference	T MORGAN		NEWNHAM		LD6 5HH
Order Number			GLOS GL14 1JJ		

Laboratory Reference		SOIL639224	SOIL639225	SOIL639226	SOIL639227	SOIL639228	SOIL639229	SOIL639230	SOIL639231		
Sample Reference		30E	01 TM DF	02 TM DF	03 TM DF	04 TM DF	05 TM DF	06 TM DF	08 TM DF		
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
pH water [1:2.5]		6.4	5.8	6.0	6.6	6.3	6.4	6.0	6.0		
Available Phosphorus (Index)	mg/l	10.6 (1)	14.2 (1)	14.6 (1)	17.6 (2)	16.2 (2)	9.8 (1)	6.4 (0)	8.0 (0)		
Available Potassium (Index)	mg/l	55.6 (0)	81.4 (1)	97.5 (1)	72.9 (1)	48.0 (0)	46.4 (0)	23.8 (0)	94.3 (1)		
Available Magnesium (Index)	mg/l	67.2 (2)	81.9 (2)	85.5 (2)	77.1 (2)	64.7 (2)	67.4 (2)	86.2 (2)	93.8 (2)		
Total Copper	mg/kg	22.4	22.5	22.6	25.1	17.2	26.7	19.5	19.0		
Total Zinc	mg/kg	139	122	136	144	117	149	139	118		
Total Lead	mg/kg	28.2	60.3	44.8	50.6	41.3	60.8	47.6	44.6		
Total Arsenic	mg/kg	17.0	20.0	17.9	19.1	18.3	20.3	17.8	18.1		
Total Cadmium	mg/kg	0.30	0.23	0.33	0.38	0.35	0.52	0.52	0.31		
Total Nickel	mg/kg	42.9	30.2	35.0	34.4	28.8	30.7	30.4	27.7		
Total Chromium	mg/kg	48.0	39.7	43.7	47.2	43.9	47.6	44.9	39.0		
Total Mercury	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		
Total Selenium	mg/kg	0.24	0.51	0.41	0.50	0.48	0.58	0.49	0.51		
Total Molybdenum	mg/kg	<1	<1	<1	<1	<1	<1	<1	<1		
Fluoride	mg/kg	17.0	11.8	20.1	30.5	37.8	33.6	22.8	21.4		

Notes

Analysis Notes	The sample submitted was of adequate size to complete all analysis requested. The results as reported relate only to the item(s) submitted for testing. The results are presented on a dry matter basis unless otherwise stipulated.
Document Control	This test report shall not be reproduced, except in full, without the written approval of the laboratory.

ANALYTICAL NOTES

Report Number	82311-23	W138 RE-ORGANICS	Client T MORGAN
Date Received	02-AUG-2023	CONSULTING LTD	NOYADD FARM
Date Reported	09-AUG-2023	APPLE BARN	RHAYADER
Project	SOIL	ELTON LANE	POWYS
Reference	T MORGAN	NEWNHAM	LD6 5HH
Order Number		GLOS GL14 1JJ	

Notes

Reported by *Myles Nicholson*
 Natural Resource Management, a trading division of Cawood Scientific Ltd.
 Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS
 Tel: 01344 886338
 Fax: 01344 890972
 email: enquiries@nrm.uk.com



ANALYTICAL REPORT

Report Number	17884-22	W138	RE-ORGANICS	Client	T MORGAN
Date Received	16-MAY-2022		CONSULTING LTD		NOYADD FARM
Date Reported	19-MAY-2022		FLAT 4 HAZELHURST		RHAYADER
Project	SOIL		24 ELDORADO ROAD		POWYS
Reference	T MORGAN		CHELTENHAM		LD6 5HH
Order Number			GL50 2PT		

Laboratory Reference		SOIL563400	SOIL563401	SOIL563402	SOIL563403	SOIL563404				
Sample Reference		█	6481+6895	7788	8978	9291				
Determinand	Unit	█	SOIL	SOIL	SOIL	SOIL				
pH water [1:2.5]		█	6.5	6.0	6.4	6.1				
Available Phosphorus (Index)	mg/l	█	12.6 (1)	11.2 (1)	8.2 (0)	12.4 (1)				
Available Potassium (Index)	mg/l	█	105 (1)	130 (2-)	77.3 (1)	127 (2-)				
Available Magnesium (Index)	mg/l	█	73.2 (2)	69.1 (2)	55.6 (2)	71.8 (2)				
Total Copper	mg/kg	█	19.0	20.3	17.9	20.5				
Total Zinc	mg/kg	█	112	113	107	121				
Total Lead	mg/kg	█	26.9	25.0	29.6	30.4				
Total Arsenic	mg/kg	█	17.4	17.1	20.0	22.0				
Total Cadmium	mg/kg	█	0.28	0.21	0.17	0.18				
Total Nickel	mg/kg	█	26.0	25.0	25.8	28.3				
Total Chromium	mg/kg	█	34.7	36.6	33.8	42.3				
Total Mercury	mg/kg	█	<0.2	<0.2	<0.2	<0.2				
Total Selenium	mg/kg	█	0.60	0.56	0.59	0.57				
Total Molybdenum	mg/kg	█	<1	<1	<1	<1				
Fluoride	mg/kg	█	22.5	19.0	15.6	23.7				

Notes	
Analysis Notes	The sample submitted was of adequate size to complete all analysis requested. The results as reported relate only to the item(s) submitted for testing. The results are presented on a dry matter basis unless otherwise stipulated.
Document Control	This test report shall not be reproduced, except in full, without the written approval of the laboratory.



ANALYTICAL NOTES

Report Number	17884-22	W138	RE-ORGANICS	Client	T MORGAN
Date Received	16-MAY-2022		CONSULTING LTD		NOYADD FARM
Date Reported	19-MAY-2022		FLAT 4 HAZELHURST		RHAYADER
Project	SOIL		24 ELDORADO ROAD		POWYS
Reference	T MORGAN		CHELTENHAM		LD6 5HH
Order Number			GL50 2PT		

Notes

Reported by

Myles Nicholson

Natural Resource Management, a trading division of Cawood Scientific Ltd.

Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS

Tel: 01344 886338

Fax: 01344 890972

email: enquiries@nrm.uk.com

ANALYTICAL REPORT

Report Number	82312-23	W138	RE-ORGANICS	Client R LEWIS
Date Received	02-AUG-2023		CONSULTING LTD	GLAN ELAN
Date Reported	09-AUG-2023		APPLE BARN	RHAYADER
Project	SOIL		ELTON LANE	POWYS
Reference	R LEWIS		NEWNHAM	LD6 5HG
Order Number			GLOS GL14 1JJ	

Laboratory Reference		SOIL639232	SOIL639233	SOIL639234	SOIL639235						
Sample Reference		04 TM NGE	05 TM NGE	06 TM NGE	10 TM NGE						
Determinand	Unit	SOIL	SOIL	SOIL	SOIL						
pH water [1:2.5]		6.3	6.1	6.0	6.1						
Available Phosphorus (Index)	mg/l	13.0 (1)	13.6 (1)	11.2 (1)	6.8 (0)						
Available Potassium (Index)	mg/l	45.1 (0)	95.8 (1)	82.2 (1)	127 (2-)						
Available Magnesium (Index)	mg/l	56.5 (2)	60.1 (2)	59.5 (2)	64.4 (2)						
Total Copper	mg/kg	26.4	22.4	24.2	29.3						
Total Zinc	mg/kg	133	123	128	132						
Total Lead	mg/kg	46.9	35.1	36.4	48.5						
Total Arsenic	mg/kg	14.0	13.2	12.9	14.2						
Total Cadmium	mg/kg	0.34	0.31	0.31	0.35						
Total Nickel	mg/kg	31.3	33.2	33.2	28.9						
Total Chromium	mg/kg	38.1	40.6	40.5	43.0						
Total Mercury	mg/kg	<0.2	<0.2	<0.2	<0.2						
Total Selenium	mg/kg	0.63	0.63	0.64	0.58						
Total Molybdenum	mg/kg	<1	<1	<1	<1						
Fluoride	mg/kg	37.5	33.8	33.3	18.6						

Notes	
Analysis Notes	The sample submitted was of adequate size to complete all analysis requested. The results as reported relate only to the item(s) submitted for testing. The results are presented on a dry matter basis unless otherwise stipulated.
Document Control	This test report shall not be reproduced, except in full, without the written approval of the laboratory.

ANALYTICAL NOTES

Report Number	82312-23	W138 RE-ORGANICS	Client R LEWIS
Date Received	02-AUG-2023	CONSULTING LTD	GLAN ELAN
Date Reported	09-AUG-2023	APPLE BARN	RHAYADER
Project	SOIL	ELTON LANE	POWYS
Reference	R LEWIS	NEWNHAM	LD6 5HG
Order Number		GLOS GL14 1JJ	

Notes

Reported by

Myles Nicholson

Natural Resource Management, a trading division of Cawood Scientific Ltd.
Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS
Tel: 01344 886338
Fax: 01344 890972
email: enquiries@nrm.uk.com



ANALYTICAL REPORT

Report Number	17885-22	W138	RE-ORGANICS	Client R LEWIS
Date Received	16-MAY-2022		CONSULTING LTD	GLAN ELAN
Date Reported	19-MAY-2022		FLAT 4 HAZELHURST	RHAYADER
Project	SOIL		24 ELDORADO ROAD	POWYS
Reference	R LEWIS		CHELTENHAM	LD6 5HG
Order Number			GL50 2PT	

Laboratory Reference		SOIL563405	SOIL563406							
Sample Reference		11 TM NGE	██████							
Determinand	Unit	SOIL	██████							
pH water [1:2.5]		5.8	█							
Available Phosphorus (Index)	mg/l	13.0 (1)	██████							
Available Potassium (Index)	mg/l	64.5 (1)	██████							
Available Magnesium (Index)	mg/l	74.3 (2)	██████							
Total Copper	mg/kg	25.2	█							
Total Zinc	mg/kg	131	█							
Total Lead	mg/kg	37.2	█							
Total Arsenic	mg/kg	13.7	█							
Total Cadmium	mg/kg	0.25	█							
Total Nickel	mg/kg	30.3	█							
Total Chromium	mg/kg	38.9	█							
Total Mercury	mg/kg	<0.2	█							
Total Selenium	mg/kg	0.62	█							
Total Molybdenum	mg/kg	<1	█							
Fluoride	mg/kg	30.0	█							

Notes

Analysis Notes The sample submitted was of adequate size to complete all analysis requested.
 The results as reported relate only to the item(s) submitted for testing.
 The results are presented on a dry matter basis unless otherwise stipulated.

Document Control **This test report shall not be reproduced, except in full, without the written approval of the laboratory.**



ANALYTICAL NOTES

Report Number	17885-22	W138	RE-ORGANICS	Client	R LEWIS
Date Received	16-MAY-2022		CONSULTING LTD		GLAN ELAN
Date Reported	19-MAY-2022		FLAT 4 HAZELHURST		RHAYADER
Project	SOIL		24 ELDORADO ROAD		POWYS
Reference	R LEWIS		CHELTENHAM		LD6 5HG
Order Number			GL50 2PT		

Notes

Reported by

Myles Nicholson

Natural Resource Management, a trading division of Cawood Scientific Ltd.

Coopers Bridge, Braziers Lane, Bracknell, Berkshire, RG42 6NS

Tel: 01344 886338

Fax: 01344 890972

email: enquiries@nrm.uk.com