SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 1

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS

SOIL

Date Received	12-AUG-2025
Date Reported	18-AUG-2025

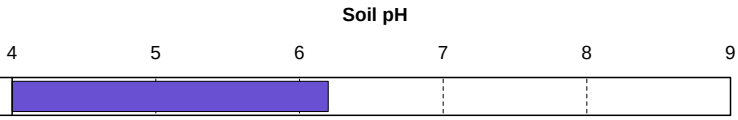
Laboratory References

Report Number	13611
Sample Number	761439

ANALYTICAL RESULTS *on 'dry matter' basis.*

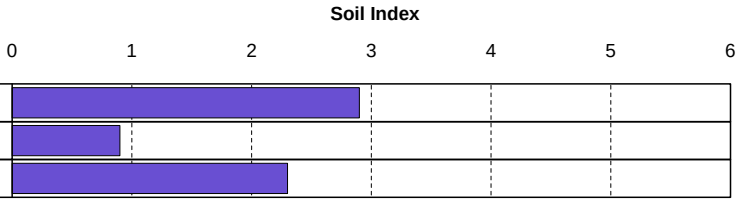
pH (1)

Determinand	Result
Soil pH	6.2



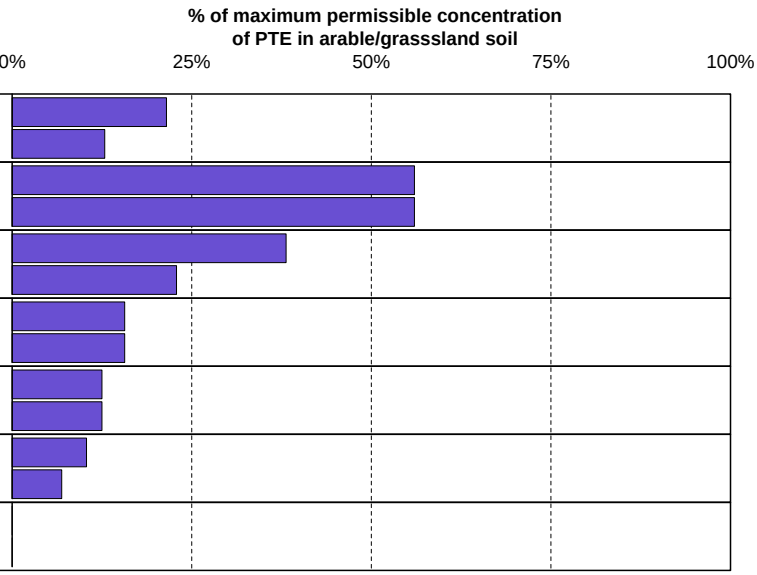
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	25.0	2
Available Potassium	57.6	0
Available Magnesium	67.5	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	29.0	Arable	135
		Grassland	225
Total Zinc	112	Arable	200
		Grassland	200
Total Nickel	28.6	Arable	75
		Grassland	125
Total Cadmium	0.47	Arable	3
		Grassland	3
Total Lead	37.5	Arable	300
		Grassland	300
Total Chromium	41.4	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by Teresa Clyne Date 18/08/25

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 2

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS

SOIL

Date Received	12-AUG-2025
Date Reported	18-AUG-2025

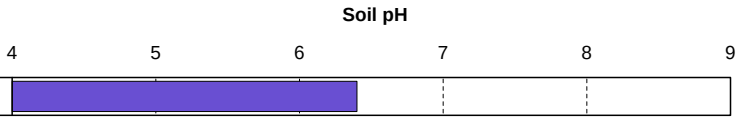
Laboratory References

Report Number	13611
Sample Number	761440

ANALYTICAL RESULTS *on 'dry matter' basis.*

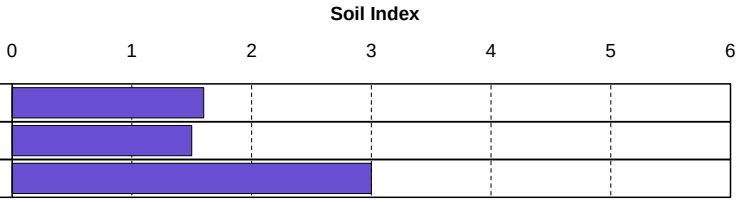
pH (1)

Determinand	Result
Soil pH	6.4



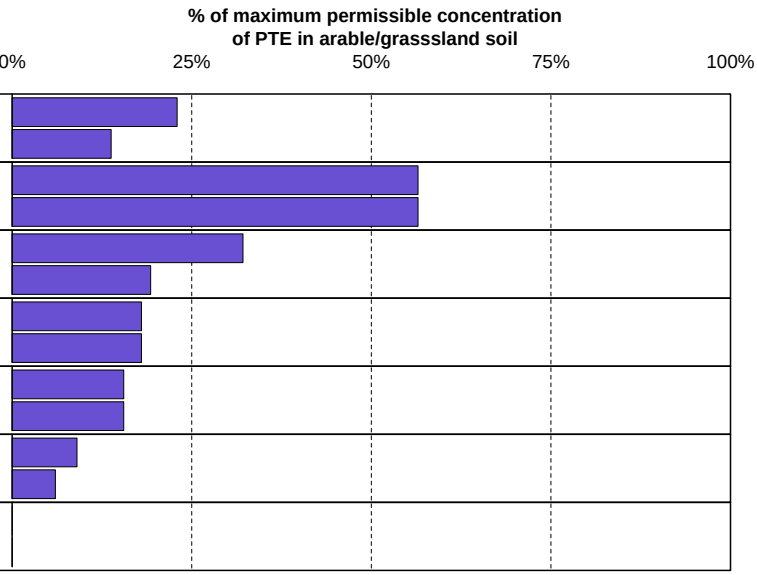
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	14.0	1
Available Potassium	93.1	1
Available Magnesium	101	3



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	31.0	Arable	135
		Grassland	225
Total Zinc	113	Arable	200
		Grassland	200
Total Nickel	24.1	Arable	75
		Grassland	125
Total Cadmium	0.54	Arable	3
		Grassland	3
Total Lead	46.6	Arable	300
		Grassland	300
Total Chromium	36.1	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



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(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by ..... Teresa Clyne ..... Date ..... 18/08/25 .....

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
Tel +44 (0) 1344 886338 **Fax**: +44 (0) 1344 890972 **Email**: enquiries@nrm.uk.com **www**.nrm.uk.com

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 3

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS

SOIL

Date Received	12-AUG-2025
Date Reported	18-AUG-2025

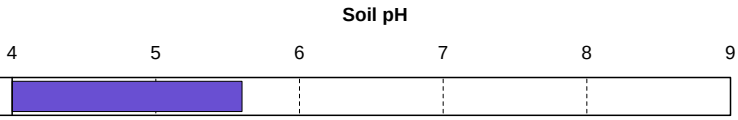
Laboratory References

Report Number	13611
Sample Number	761441

ANALYTICAL RESULTS *on 'dry matter' basis.*

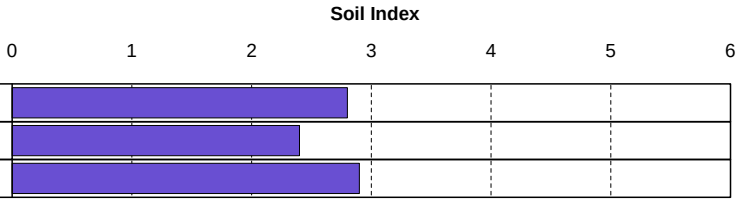
pH (1)

Determinand	Result
Soil pH	5.6



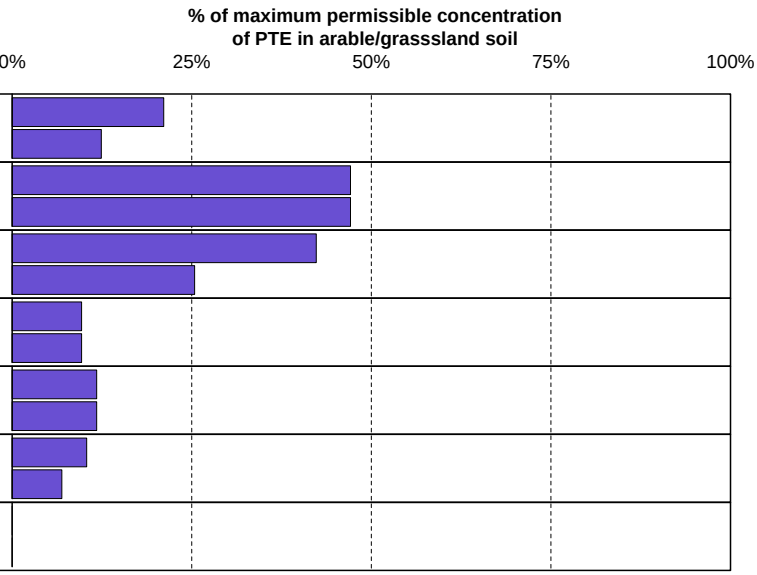
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	23.6	2
Available Potassium	170	2-
Available Magnesium	99.9	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	21.1	Arable	100
		Grassland	170
Total Zinc	94.2	Arable	200
		Grassland	200
Total Nickel	25.4	Arable	60
		Grassland	100
Total Cadmium	0.29	Arable	3
		Grassland	3
Total Lead	35.3	Arable	300
		Grassland	300
Total Chromium	41.5	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



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(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by Teresa Clyne Date 18/08/25

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 5

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS

SOIL

Date Received	12-AUG-2025
Date Reported	18-AUG-2025

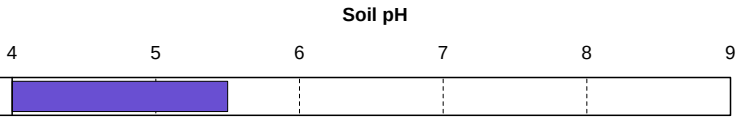
Laboratory References

Report Number	13611
Sample Number	761443

ANALYTICAL RESULTS *on 'dry matter' basis.*

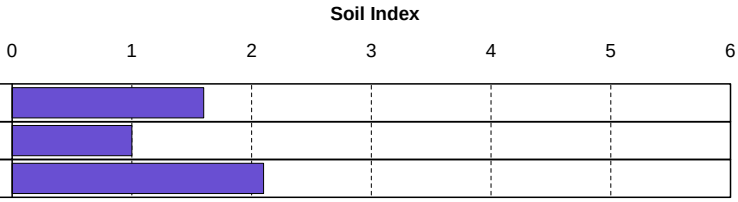
pH (1)

Determinand	Result
Soil pH	5.5



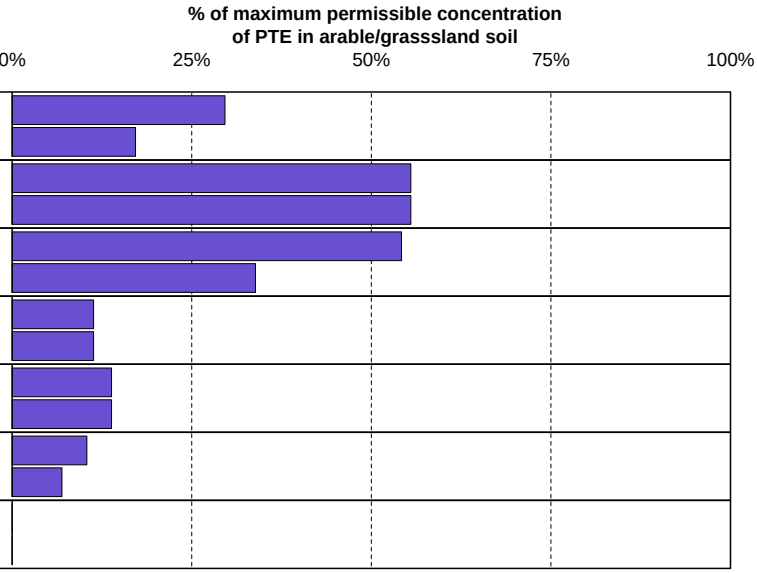
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	13.8	1
Available Potassium	64.4	1
Available Magnesium	59.5	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	23.7	Arable	80
		Grassland	138
Total Zinc	111	Arable	200
		Grassland	200
Total Nickel	27.1	Arable	50
		Grassland	80
Total Cadmium	0.34	Arable	3
		Grassland	3
Total Lead	41.5	Arable	300
		Grassland	300
Total Chromium	41.6	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



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(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by Teresa Clyne Date 18/08/25

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 7

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS

SOIL

Date Received	12-AUG-2025
Date Reported	18-AUG-2025

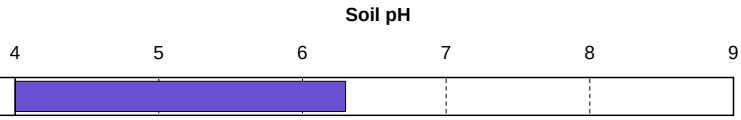
Laboratory References

Report Number	13611
Sample Number	761445

ANALYTICAL RESULTS *on 'dry matter' basis.*

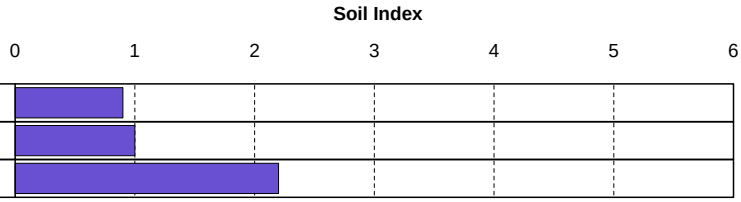
pH (1)

Determinand	Result
Soil pH	6.3



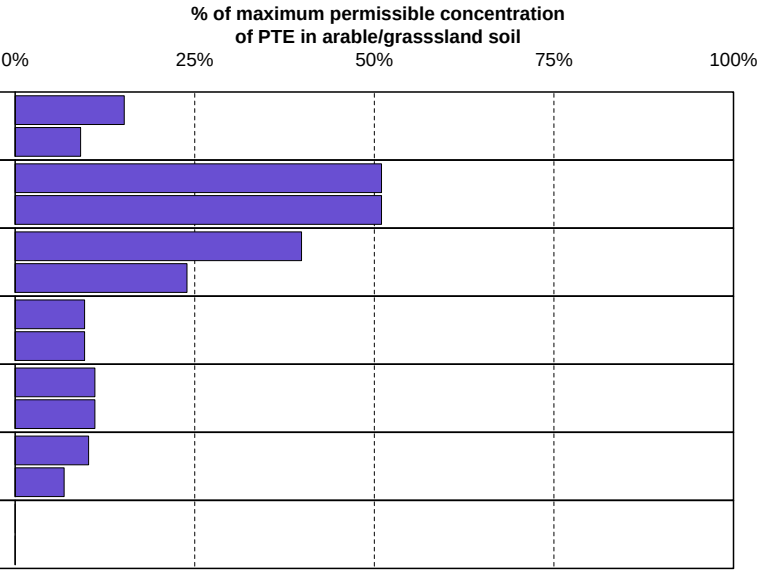
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	9.2	0
Available Potassium	66.1	1
Available Magnesium	64.4	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	20.5	Arable	135
		Grassland	225
Total Zinc	102	Arable	200
		Grassland	200
Total Nickel	29.9	Arable	75
		Grassland	125
Total Cadmium	0.29	Arable	3
		Grassland	3
Total Lead	33.3	Arable	300
		Grassland	300
Total Chromium	40.9	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



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Released by *Teresa Clyne* Date *18/08/25*

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
Tel +44 (0) 1344 886338 **Fax**: +44 (0) 1344 890972 **Email**: enquiries@nrm.uk.com **www**.nrm.uk.com

SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 11

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS

SOIL

Date Received	12-AUG-2025
Date Reported	18-AUG-2025

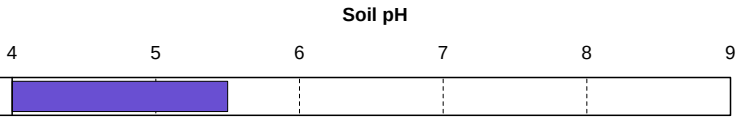
Laboratory References

Report Number	13612
Sample Number	761449

ANALYTICAL RESULTS *on 'dry matter' basis.*

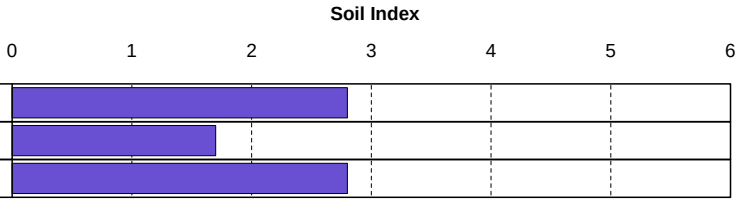
pH (1)

Determinand	Result
Soil pH	5.5



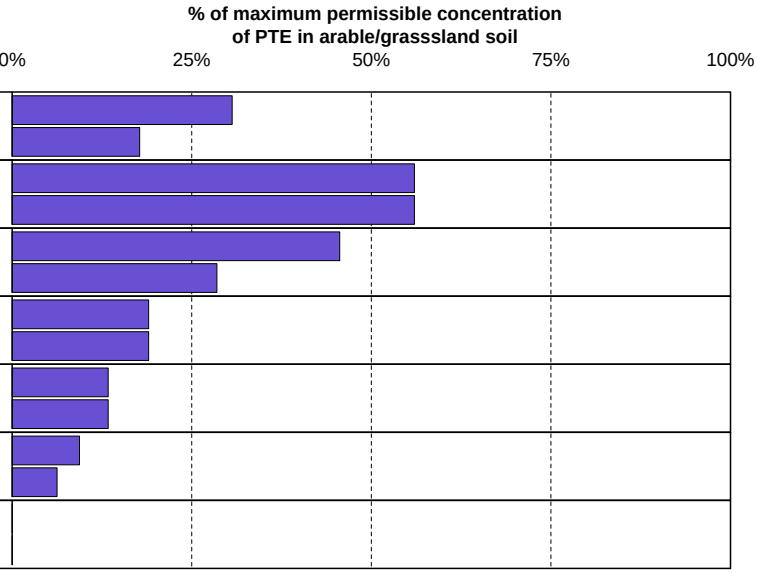
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	23.8	2
Available Potassium	106	1
Available Magnesium	91.2	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	24.5	Arable	80
		Grassland	138
Total Zinc	112	Arable	200
		Grassland	200
Total Nickel	22.8	Arable	50
		Grassland	80
Total Cadmium	0.57	Arable	3
		Grassland	3
Total Lead	40.1	Arable	300
		Grassland	300
Total Chromium	37.5	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



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Released by Teresa Clyne Date 18/08/25

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 12

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS

SOIL

Date Received	12-AUG-2025
Date Reported	18-AUG-2025

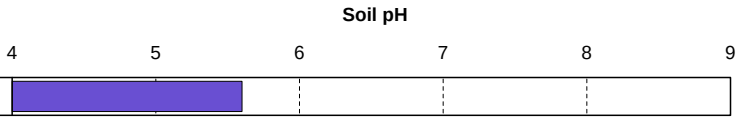
Laboratory References

Report Number	13612
Sample Number	761450

ANALYTICAL RESULTS *on 'dry matter' basis.*

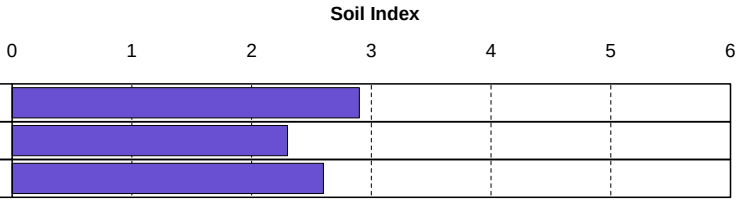
pH (1)

Determinand	Result
Soil pH	5.6



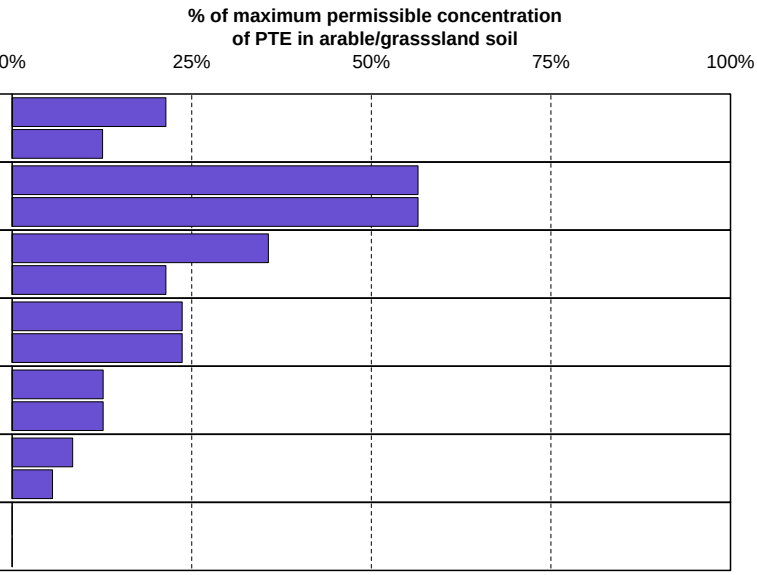
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	25.0	2
Available Potassium	162	2-
Available Magnesium	80.6	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	21.4	Arable	100
		Grassland	170
Total Zinc	113	Arable	200
		Grassland	200
Total Nickel	21.4	Arable	60
		Grassland	100
Total Cadmium	0.71	Arable	3
		Grassland	3
Total Lead	38.0	Arable	300
		Grassland	300
Total Chromium	33.7	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



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Released by Teresa Clyne Date 18/08/25

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 13

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS
HENLLYS
ABERGELE
CONWY
LL22 8TF
SOIL

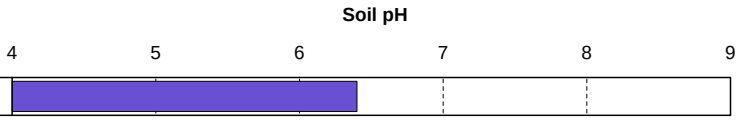
Date Received	13-AUG-2025
Date Reported	20-AUG-2025

Laboratory References

Report Number	13849
Sample Number	761541

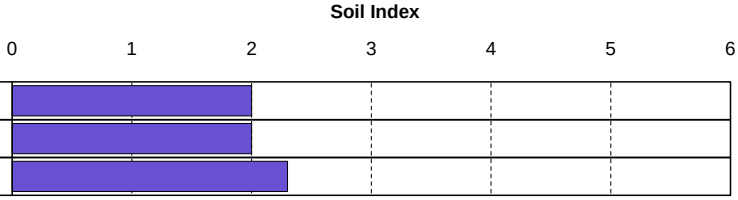
ANALYTICAL RESULTS *on 'dry matter' basis.*

pH (1)



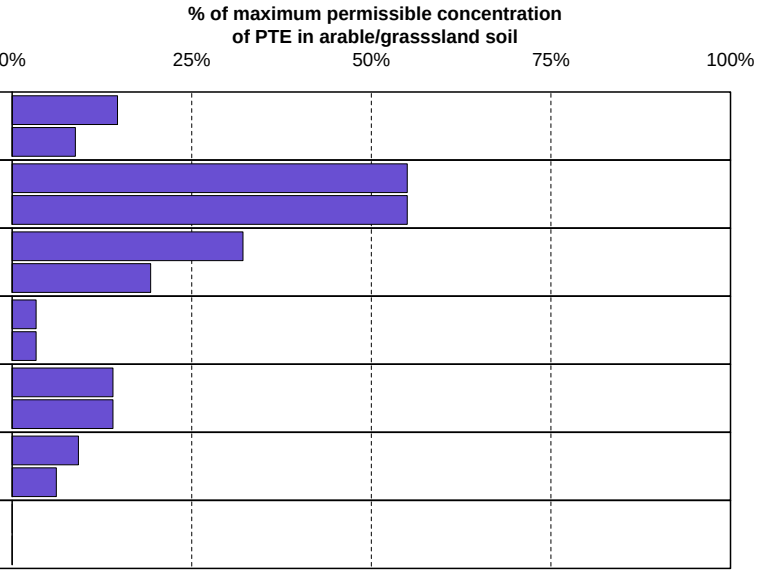
Determinand	Result
Soil pH	6.4

Soil Nutrients (1)



Determinand	Result mg/litre	Soil Index
Available Phosphorus	16.4	2
Available Potassium	131	2-
Available Magnesium	69.3	2

Potentially Toxic Elements (2)



Determinand	Result mg/kg		Maximum mg/kg
Total Copper	19.8	Arable	135
		Grassland	225
Total Zinc	110	Arable	200
		Grassland	200
Total Nickel	24.1	Arable	75
		Grassland	125
Total Cadmium	0.10	Arable	3
		Grassland	3
Total Lead	42.1	Arable	300
		Grassland	300
Total Chromium	36.9	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Teresa Clyne* Date *20/08/25*

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 14

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS
HENLLYS
ABERGELE
CONWY
LL22 8TF
SOIL

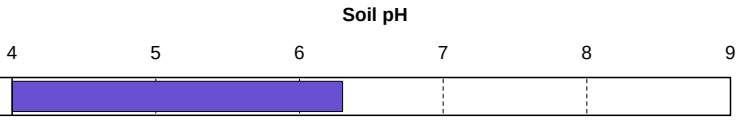
Date Received	13-AUG-2025
Date Reported	20-AUG-2025

Laboratory References

Report Number	13849
Sample Number	761542

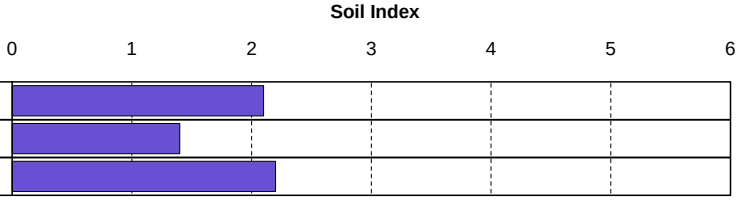
ANALYTICAL RESULTS *on 'dry matter' basis.*

pH (1)



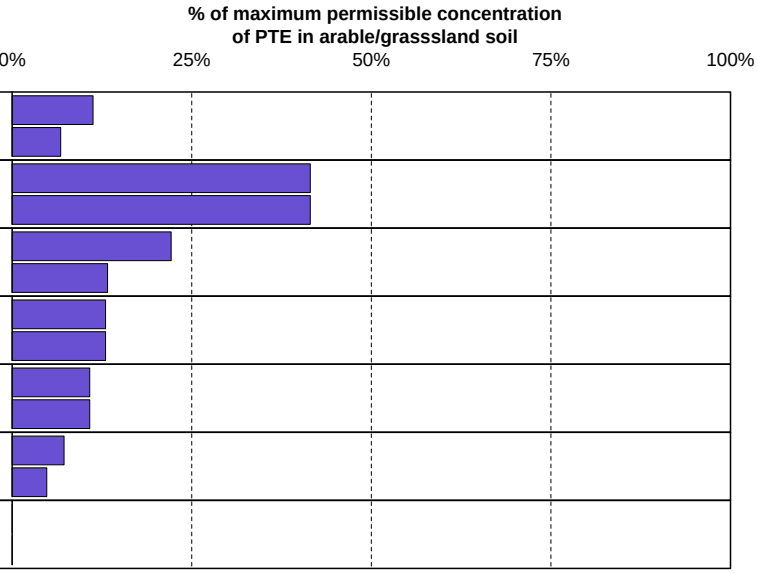
Determinand	Result
Soil pH	6.3

Soil Nutrients (1)



Determinand	Result mg/litre	Soil Index
Available Phosphorus	16.9	2
Available Potassium	87.8	1
Available Magnesium	65.0	2

Potentially Toxic Elements (2)



Determinand	Result mg/kg		Maximum mg/kg
Total Copper	15.2	Arable	135
		Grassland	225
Total Zinc	83.0	Arable	200
		Grassland	200
Total Nickel	16.6	Arable	75
		Grassland	125
Total Cadmium	0.39	Arable	3
		Grassland	3
Total Lead	32.4	Arable	300
		Grassland	300
Total Chromium	28.9	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Teresa Clyne* Date *20/08/25*

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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 15

MATTHEW CONOLLY
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12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS
HENLLYS
ABERGELE
CONWY
LL22 8TF
SOIL

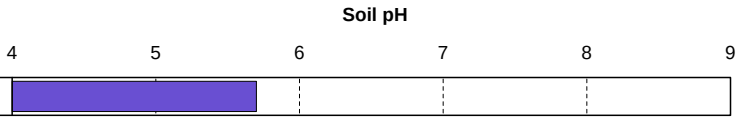
Date Received	13-AUG-2025
Date Reported	20-AUG-2025

Laboratory References

Report Number	13849
Sample Number	761543

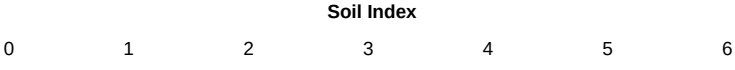
ANALYTICAL RESULTS *on 'dry matter' basis.*

pH (1)



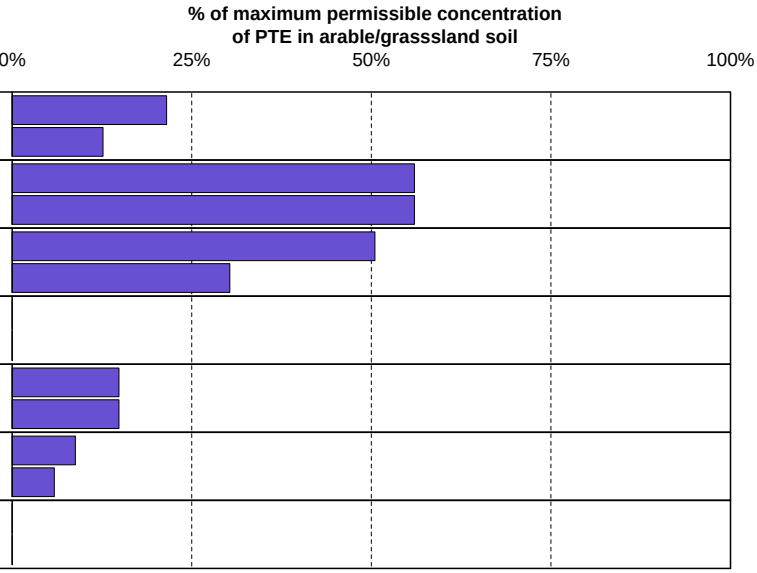
Determinand	Result
Soil pH	5.7

Soil Nutrients (1)



Determinand	Result mg/litre	Soil Index
Available Phosphorus	13.4	1
Available Potassium	97.9	1
Available Magnesium	53.3	2

Potentially Toxic Elements (2)



Determinand	Result mg/kg		Maximum mg/kg
Total Copper	21.5	Arable	100
		Grassland	170
Total Zinc	112	Arable	200
		Grassland	200
Total Nickel	30.3	Arable	60
		Grassland	100
Total Cadmium	<0.1	Arable	3
		Grassland	3
Total Lead	44.6	Arable	300
		Grassland	300
Total Chromium	35.2	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Teresa Clyne* Date *20/08/25*

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 17

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS
HENLLYS
ABERGELE
CONWY
LL22 8TF
SOIL

Date Received	13-AUG-2025
Date Reported	20-AUG-2025

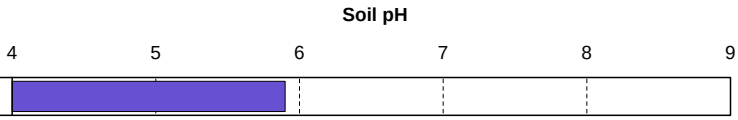
Laboratory References

Report Number	13849
Sample Number	761545

ANALYTICAL RESULTS *on 'dry matter' basis.*

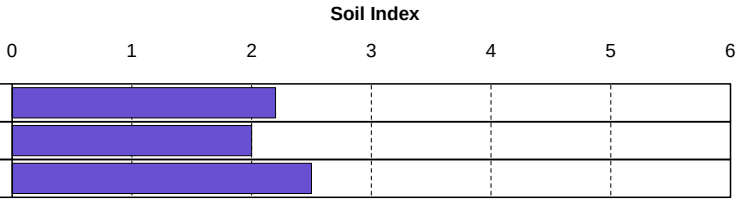
pH (1)

Determinand	Result
Soil pH	5.9



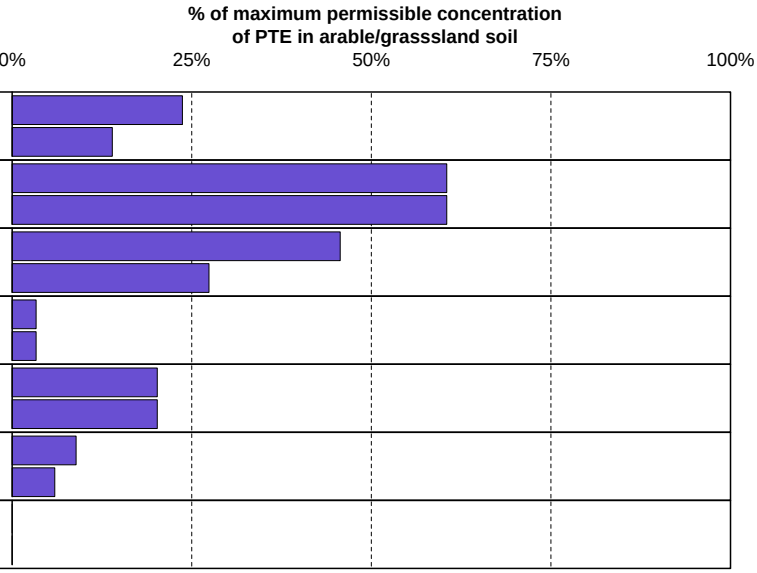
Soil Nutrients (1)

Determinand	Result mg/litre	Soil Index
Available Phosphorus	18.4	2
Available Potassium	126	2-
Available Magnesium	76.4	2



Potentially Toxic Elements (2)

Determinand	Result mg/kg		Maximum mg/kg
Total Copper	23.7	Arable	100
		Grassland	170
Total Zinc	121	Arable	200
		Grassland	200
Total Nickel	27.4	Arable	60
		Grassland	100
Total Cadmium	0.10	Arable	3
		Grassland	3
Total Lead	60.6	Arable	300
		Grassland	300
Total Chromium	35.6	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5



(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Teresa Clyne* Date *20/08/25*

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 18

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS
HENLLYS
ABERGELE
CONWY
LL22 8TF
SOIL

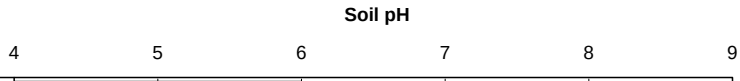
Date Received	13-AUG-2025
Date Reported	20-AUG-2025

Laboratory References

Report Number	13849
Sample Number	761546

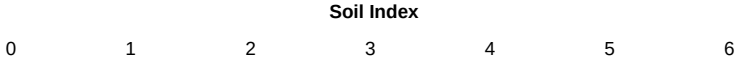
ANALYTICAL RESULTS *on 'dry matter' basis.*

pH (1)



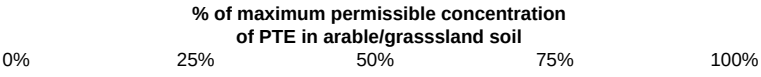
Determinand	Result
Soil pH	6.0

Soil Nutrients (1)



Determinand	Result mg/litre	Soil Index
Available Phosphorus	18.5	2
Available Potassium	124	2-
Available Magnesium	73.3	2

Potentially Toxic Elements (2)



Determinand	Result mg/kg		Maximum mg/kg
Total Copper	22.5	Arable	100
		Grassland	170
Total Zinc	120	Arable	200
		Grassland	200
Total Nickel	26.4	Arable	60
		Grassland	100
Total Cadmium	0.11	Arable	3
		Grassland	3
Total Lead	133	Arable	300
		Grassland	300
Total Chromium	34.2	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Teresa Clyne* Date *20/08/25*

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 19

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS
HENLLYS
ABERGELE
CONWY
LL22 8TF
SOIL

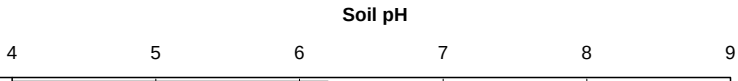
Date Received	13-AUG-2025
Date Reported	20-AUG-2025

Laboratory References

Report Number	13849
Sample Number	761547

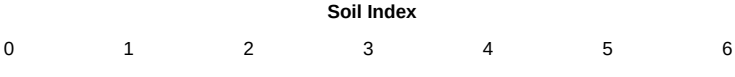
ANALYTICAL RESULTS *on 'dry matter' basis.*

pH (1)



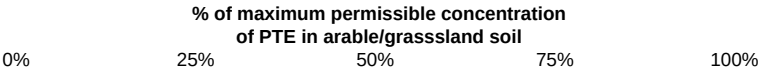
Determinand	Result
Soil pH	6.2

Soil Nutrients (1)



Determinand	Result mg/litre	Soil Index
Available Phosphorus	13.3	1
Available Potassium	78.9	1
Available Magnesium	80.4	2

Potentially Toxic Elements (2)



Determinand	Result mg/kg		Maximum mg/kg
Total Copper	20.6	Arable	135
		Grassland	225
Total Zinc	124	Arable	200
		Grassland	200
Total Nickel	33.2	Arable	75
		Grassland	125
Total Cadmium	0.19	Arable	3
		Grassland	3
Total Lead	134	Arable	300
		Grassland	300
Total Chromium	34.1	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Teresa Clyne* Date *20/08/25*

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 20

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS
HENLLYS
ABERGELE
CONWY
LL22 8TF
SOIL

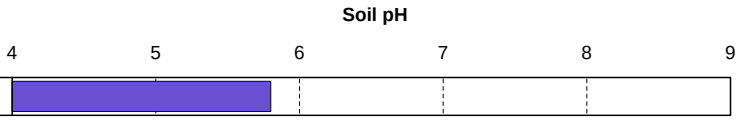
Date Received	13-AUG-2025
Date Reported	20-AUG-2025

Laboratory References

Report Number	13849
Sample Number	761548

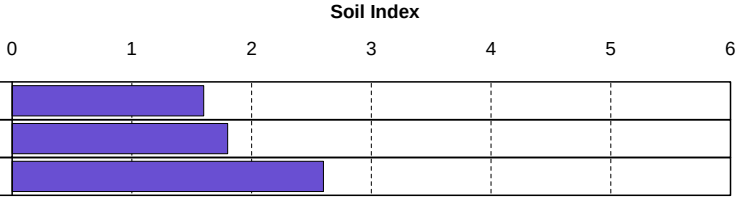
ANALYTICAL RESULTS *on 'dry matter' basis.*

pH (1)



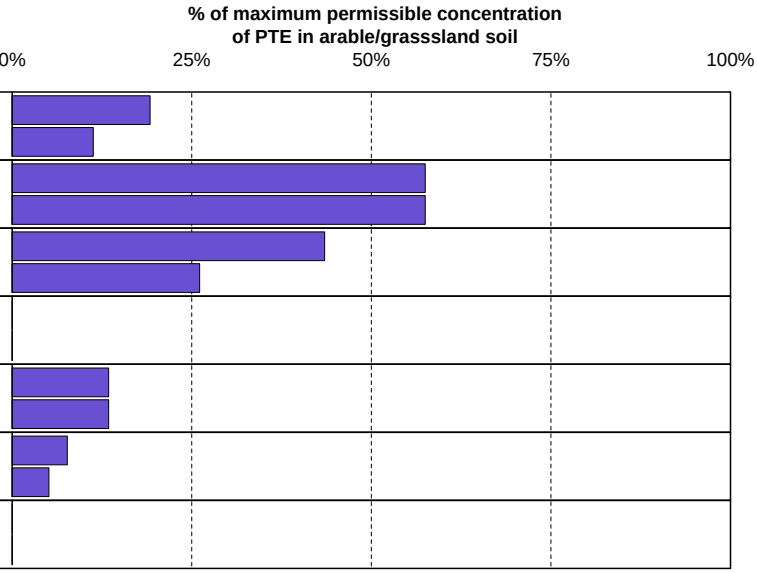
Determinand	Result
Soil pH	5.8

Soil Nutrients (1)



Determinand	Result mg/litre	Soil Index
Available Phosphorus	13.7	1
Available Potassium	112	1
Available Magnesium	83.3	2

Potentially Toxic Elements (2)



Determinand	Result mg/kg		Maximum mg/kg
Total Copper	19.2	Arable	100
		Grassland	170
Total Zinc	115	Arable	200
		Grassland	200
Total Nickel	26.1	Arable	60
		Grassland	100
Total Cadmium	<0.1	Arable	3
		Grassland	3
Total Lead	40.3	Arable	300
		Grassland	300
Total Chromium	30.7	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

Released by *Teresa Clyne* Date *20/08/25*

Independently Analysed by **NRM,** part of the **Cawood Group**, Coopers Bridge, Braziers Lane, Bracknell, Berkshire RG42 6NS
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SOIL CHEMICAL ANALYSIS REPORT FOR FIELD - FIELD 21

MATTHEW CONOLLY
4R GROUP
12C NEWENT BUS PARK
GLOUCESTER STREET
NEWENT
GLOUCESTERSHIRE GL18 1DZ

V293

Please quote above code for all enquiries

DEI WILLIAMS
HENLLYS
ABERGELE
CONWY
LL22 8TF
SOIL

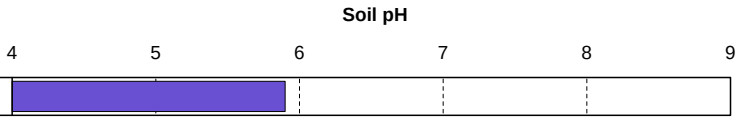
Date Received	13-AUG-2025
Date Reported	20-AUG-2025

Laboratory References

Report Number	13849
Sample Number	761549

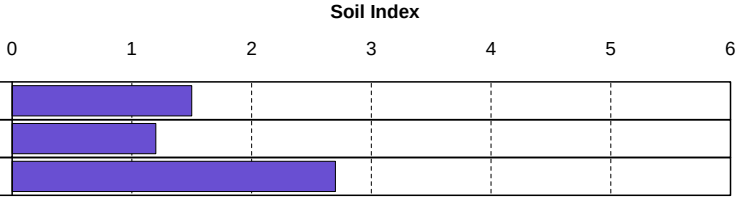
ANALYTICAL RESULTS *on 'dry matter' basis.*

pH (1)



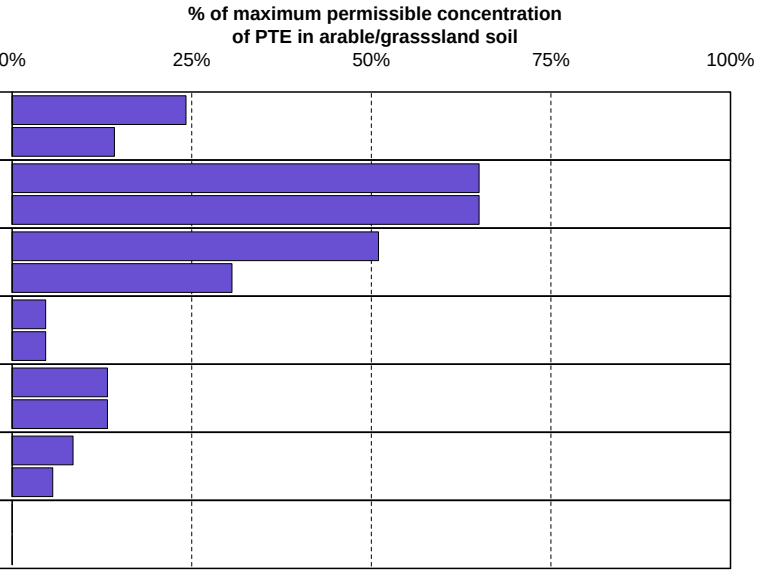
Determinand	Result
Soil pH	5.9

Soil Nutrients (1)



Determinand	Result mg/litre	Soil Index
Available Phosphorus	13.0	1
Available Potassium	75.3	1
Available Magnesium	89.0	2

Potentially Toxic Elements (2)



Determinand	Result mg/kg		Maximum mg/kg
Total Copper	24.2	Arable	100
		Grassland	170
Total Zinc	130	Arable	200
		Grassland	200
Total Nickel	30.6	Arable	60
		Grassland	100
Total Cadmium	0.14	Arable	3
		Grassland	3
Total Lead	39.8	Arable	300
		Grassland	300
Total Chromium	33.9	Arable	400
		Grassland	600
Total Mercury	<0.2	Arable	1
		Grassland	1.5

(1) Recommendations for liming and fertiliser should be obtained from Defra's Fertiliser Manual (RB209). The analytical methods used are as described in Defra's RB427.

(2) Concentration of Potentially Toxic Elements (PTE, commonly referred to as 'heavy metals') are in mg/kg dry soil. The maximum and the percentage of this maximum permissible concentration of PTE in soil are derived from the values in Defra's Code of Practice for Agricultural Use of Sewage Sludge (England & Wales) 1996. If applying organic manures to this soil it is important to ensure the soil is managed with a pH no less than 5.0, and that the PTE maximum values are not exceeded following the application. For soil where the pH value is less than 5.2, a FACTS Qualified Adviser should be consulted. Further details are provided in the Sludge Code.

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