

Client: STUART BALDWIN
(T283) SED SERVICES LTD
LANDGATE FARM
LANDGATE LANE
BRYN
WIGAN WN4 0EJ

Originator: SOIL

Lab ID: 59487 - 716998
Sample ID: SED-BRYN
Sample Weight: 868g

Date Received: 16/10/2024
Date Reported: 29/10/2024

				Compliant with range (Y/N)					
				Multi-P	Acid	Calc	Low-F	Low-F	Low-F
								Acid	Calc
		Unit	Result						
Texture:	Clay	% w/w	15						
	Silt	% w/w	19						
	Sand	% w/w	66						
	Textural Class		Sandy Loam	Y	Y	Y	Y	Y	Y
Organic Matter:		% w/w	7.0	Y	Y	Y	Y	Y	Y
Coarse	>2 mm	% w/w	0.7	Y	Y	Y	Y	Y	Y
Fragment	>20 mm	% w/w	0.0	Y	Y	Y	Y	Y	Y
Content:	>50 mm	% w/w	0.0	Y	Y	Y	Y	Y	Y
Soil pH:			8.2	Y	N	Y	Y	N	Y
Carbonate:		% w/w	5.5			Y			Y
Available	Nitrogen	% w/w	0.293	Y	Y	Y			
Plant	Phosphorus	mg/l	65.0 (4)*	Y	Y	Y	N	N	N
Nutrients:	Potassium	mg/l	1292.6 (6)*	Y	Y	Y			
	Magnesium	mg/l	208.4 (4)*	Y	Y	Y			
Carbon:Nitrogen Ratio:		:1	13.9	Y	Y	Y	Y	Y	Y
Exchangeable Sodium Percentage:		%	9.0						
Phytotoxic Contaminants:	Total Zinc	mg/kg	67.2	Y	Y	Y	Y	Y	Y
	Total Copper	mg/kg	24.9	Y	Y	Y	Y	Y	Y
	Total Nickel	mg/kg	18.0	Y	Y	Y	Y	Y	Y
Visible Contaminants:	> 2mm	% w/w	0.00	Y	Y	Y	Y	Y	Y
	Plastics	% w/w	0.00	Y	Y	Y	Y	Y	Y
	Number of Sharps		0	Y	Y	Y	Y	Y	Y
Additional Analysis:	Available Sodium	mg/l	236.1						
	Available Calcium	mg/l	1064.3						
	Conductivity	uS/cm	3183	Y					
Compliance:				Y	N	Y	N	N	N

* Soil indices from RB209

Released by:

Teresa Clyne

Date: 29/10/2024

DECLARATION:

I certify that this sample has been analysed by NRM in accordance with BS 3882 Specification for Topsoil (2015).

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

Tel: +44 (0) 1344 886338 **Fax:** +44 (0) 1344 890972 **Email:** enquiries@nrm.uk.com **www:** www.nrm.uk.com

Analytical Report

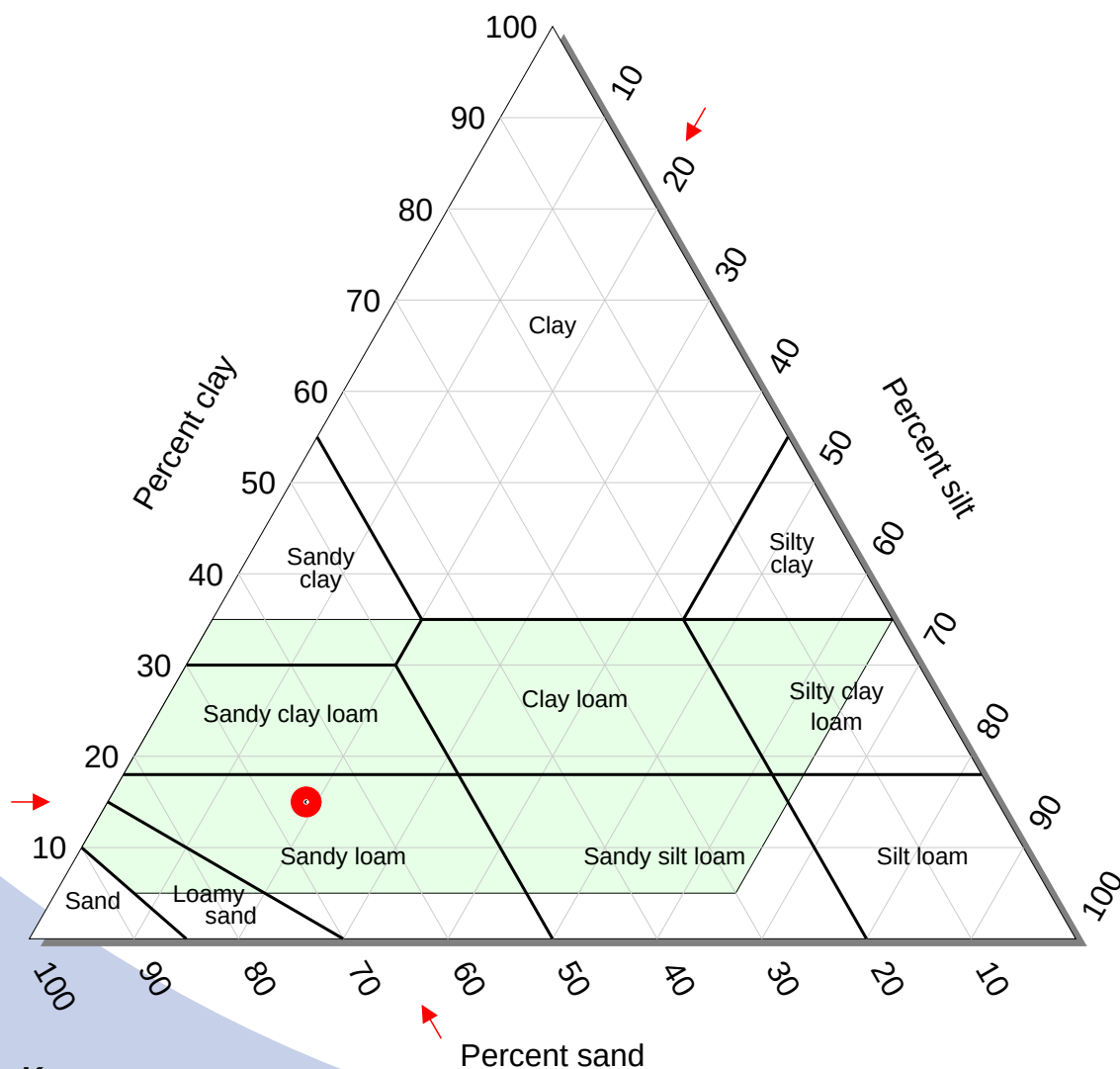
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Fig. 1. Textural Class: Sandy Loam (compliant)



Key



Area within which texture of topsoil is required to fall.

Analytical Notes

Final page must indicate end of report. Page 3

Accreditation and method details

NRM is a UKAS-accredited testing laboratory (No 2334), accredited to BS EN ISO 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF communique dated April 2017). <http://ilac.org/?download=120917>

NRM is accredited for particular determinands in specific matrices as set out in the laboratory's current UKAS schedule of accreditation https://www.ukas.com/wp-content/uploads/schedule_uplds/00002/2334Testing_Multiple.pdf

Accreditation applies to the following parameters in this report and is applicable to SOIL samples only. All other tests within this report are unaccredited.

Test	Analysis SOP	Method Description
Fluoride	JAS-487	Sulphuric acid extraction (1:10 ratio) and determination by ion selective electrode
Arsenic	JAS-510 / JAS-300	Aqua regia digest on hot block and determination by ICP-OES
Barium		
Beryllium		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Molybdenum		
Mercury		
Nickel		
Vanadium		
Zinc		
Selenium	JAS-510 / JAS-455	Aqua regia digest on hot block and determination by AFS

Analysis Notes

Analysis is carried out on the air-dried (<30°C) and ground sample.

The results as reported relate only to the item(s) submitted for testing.

The results are presented on a dry matter basis.

Indices are derived solely from the numerical value and test result without reference to measurement uncertainty.

Document Control

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

We cannot offer interpretation or opinions for results.

Sampling information

BS ISO 18512:2007 (Soil quality – Guidance on long and short-term storage of soil samples) states that for pH the period of stability and therefore holding time for a wet or 'fresh' soil sample is one week from sampling. Other determinants in the fresh sample may be considered stable for up to a month. Once the sample has been dried the sample may then be considered stable for up to 3 years. No records are maintained by NRM on date sampled or date dried so all samples within this report are considered not to be meeting the requirements of this BS / ISO. Consequently, all pH results given are those of the as-received sample and may not reflect the pH value of the sample when taken.

END OF REPORT