

Soil Analysis Report

Client: Vital Earth Sales Ltd

Date: 30 April 2025

Prepared By: R Jones

1. Introduction

This report presents the findings of a soil analysis conducted on three samples of Brown Slightly Gravelly Sandy Clay (Topsoil). The testing was undertaken to verify the soil's compliance with British Standard BS3882:2015 and BSI PAS100.

2. Sample Description

The soil samples were collected from three distinct locations within Every Street, Manchester M4 7DQ sight of Brown Slightly Gravelly Sandy Clay (Topsoil). This product is described as a premium, organic-rich, peat-free, multi-purpose topsoil comprising a consistent blend of screened loam and organic soil conditioners.

3. Laboratory Accreditation

All testing was conducted by CTS Group, a UKAS-accredited laboratory.

Accreditation details:

- UKAS Lab Number: DNR/115172 Rev1
- Accreditation Scope: Soil analysis to BS3882:2015 and BSI PAS100
- Laboratory Address: CTS Group, Bootham Lane Industrial Estate, Dunsicro, Doncaster DN7 4JU

5. Interpretation and Compliance

All tested samples fall within the acceptable ranges specified by BS3882:2015 for general purpose topsoil. The soil demonstrates a consistent pH, desirable organic content, and minimal stone presence.

6. Conclusion

Brown Slightly Gravelly Sandy Clay (Topsoil) meets the criteria of a high-quality, versatile product. With consistent organic matter content and optimal pH levels, the tested samples are compliant with BS3882:2015 standards.

7. Full Laboratory Results

Please see the below laboratory test report (Ref: L22/05297/CTS - 22-28885) completed by

Summary of Analytical Results

Parameter	Sample 1	Sample 2	Sample 3	BS3882:2015 Requirement
pH	7.5	7.8	7.9	5.5 – 8.5
Organic Matter (%)	6.1	6.1	6.1	≥ 3.0
Electrical Conductivity (µS/cm)	1867	1928	1965	< 2000
Phosphorus (mg/l)	27	27	27	16 – 100
Potassium (mg/l)	380	390	400	121 – 500
Magnesium (mg/l)	150	160	170	51 – 300
Copper (mg/kg)	17	19	18	< 80
Nickel (mg/kg)	7.7	7.7	7.7	< 50
Zinc (mg/kg)	120	140	160	< 300
Texture Class	Medium Loam	Medium Loam	Medium Loam	Classification required
Stones >10mm (%)	11	12	12	≤15% by dry weight
Contaminants	None Detected	None Detected	None Detected	Must not exceed limits

CTS Group. Testing was conducted at:

CTS Group
Bootham Lane Industrial Estate

Dunscro, Doncaster DN7 4JU

Subcontracted report certified and authorised by James Gane, Analytical Services Manager.