

Method Number: TM 408

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Method Summary**Forensic description of Made Ground for the purpose of gas generation estimation.****Scope and Range**

This is the method for determining the amount of degradable material in Made Ground

This is intended as a test from which the degradable organic content can be estimated for use in gas generation assessments that are used to assess the risk from old landfill sites.

Some organic material is not degradable, e.g., Ash, clinker and coal can give high TOC results but are not generally degradable so will not produce methane or carbon dioxide.

References

BS 8485:2015 Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings

Contaminated Land: Application in Real Environments: A Pragmatic Approach to Ground Gas Risk Assessment. RB17. CL:AIRE, 2012

Principle

A sample of Made Ground is taken, and the main constituents are divided into Eight separate fractions.

The fractions are weighed to determine the proportion of each in the sample and results are reported as a % of the whole sample, on an "as received" basis.

TOC is analysed on the fine soil and gravel <10mm; unless there is a specific customer request for TOC on all fractions.

Interferences

None Included