

Kiwa CMT



Client: Claire Barker
83 Bramble Road
Hatfield
Hertfordshire
AL10 9SB

Kiwa CMT
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Derby
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Date: 25th October 2023

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Lab Ref: 70923

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Originator: Claire Barker

www.kiwa.co.uk/cmt

Order Ref: Claire

Site: 83 Bramble Road, Hatfield AL10 9SB

Samples:

2No. samples weighing approximately 1kg each were sampled by the client and delivered to Kiwa CMT on 10th October 2023. A Sample certificate was not provided.

Requirements:

Determine the Plasticity Index and Water Content of 2 No. samples in accordance with **BS EN ISO 17892-12:2018** and **BS EN ISO 17892-1:2014** respectively.

Results:

The individual results sheet may be viewed on page 2 of this report and test results relate only to the items tested.

Kiwa CMT

Author: L. Anaz
Technical Administrator

P.P. Checked and Approved by: D. Newton
Laboratory Supervisor



Certificate of Analysis for Plasticity Index & Water Content

Client: Claire Barker

Site: 83 Bramble Road
Hatfield

Lab Ref: 70923

Date of Test: 12-24/10/2023

Test Methods: BS EN ISO 17892-12:2018 - Liquid Limit/Plastic Limit/Plasticity Index - Fall Cone Method
BS EN ISO 17892-1:2014 - Water Content

Results:

Sample Ref	Material Description	LL Cone Data			LL (%)	PL (%)	PI (%)	% Retained on 425µm	Modified PI (%)*	Soil Classification	WC (%)
		Cone Pen	Water %	Factor ¹							
70923/A	Light brown slightly sandy silty CLAY	22.3	30.4	0.9616	29	15	14	10	13	CIL	13.3
		22.3	30.4								
70923/B	Light brown slightly sandy silty CLAY	20.8	30.8	0.9888	30	15	15	7	14	CIL	13.2
		20.6	30.6								

The samples tested were disturbed and in their natural condition. Results relate only to the samples tested.

LL Test method - Fall Cone / One Point / Cone Spec 80g / 30 degrees

* Modified plasticity index relates to BRE Digest 240 that is not included in the UKAS schedule for this Laboratory.

LL = Liquid Limit

PL = Plastic Limit

PI = Plasticity Index

WC = Water Content

¹ BS EN 1377-2:1990 table 1

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Laboratory Supervisor



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