

## **APPENDIX E**

*Results of Laboratory Geotechnical Analysis*

**TEST REPORT:** **DETERMINATION OF THE PLASTICITY INDEX OF SOIL**  
 BS 1377:Part 2:1990 clause 5.4

REPORT NUMBER: C1079384 / 263565.2.1.1

SAMPLE NUMBER: 410520 CLIENT: Card Geotechnics Limited

CLIENT REF: WS01 ADDRESS: 4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

DATE SAMPLED: 19/07/2023 SITE: CGK/00808 Charville Lane

SAMPLED BY: Client SUPPLIER: Site Won, Site Won

DATE RECEIVED: 21/07/2023 MATERIAL: Brown Clay

DATE COMPLETED: 28/07/2023 LOCATION: WS01, 0.80, 1.00

TESTED BY: HS, JW PREPARATION METHOD: BS 1377:Part 1:2016 cl 8.3 & 8.4.3

TYPE OF SAMPLE: VARIATIONS: None

WITHIN ORIGINAL SAMPLE: N/A SAMPLING PLAN: Client Provided

ENVIRONMENTAL CONDITIONS:

**RESULTS:** Test Location: Harrietsham Lab

TEST DETAILS	TEST RESULT	SPECIFICATION LIMITS	
		Lower Limit	Upper Limit
THE LIQUID LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 4.4 one point)	66%	N/A	N/A
THE PLASTIC LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 5.3)	23%	N/A	N/A
THE PLASTICITY INDEX OF THE SAMPLE:	43%		
THE PERCENTAGE PASSING 425µm TEST SIEVE:	87%		
Sample History:	The material was tested in the natural state		

Remarks:  
 Test results reported relate only to the items tested.  
 This report shall not be reproduced except in full without approval of the Laboratory.  
 Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: PI/TP04/Rep Issue 1 Rev 0 06/16

Northdown House, Ashford Road  
 Harrietsham, Nr Maidstone  
 Kent ME17 1QW

0343 227 8545  
 enquiries@constructiontesting.co.uk  
[www.constructiontesting.co.uk](http://www.constructiontesting.co.uk)  
 END OF REPORT

For and on behalf of CTS  
 Dan Gay - Laboratory Manager

D S

Approved Signatory  
 Report date 28-Jul-23

Construction Testing Solutions Ltd.  
 Registered in England No. 05998333



4161

**TEST REPORT:**
**DETERMINATION OF THE MOISTURE CONTENT OF SOILS**

BS 1377:Part 2:1990 clause 3.2 - oven drying method

REPORT NUMBER:

C1079384 / 263565.1.1.1

SAMPLE NUMBER:

See Below

CLIENT:

Card Geotechnics Limited

CLIENT REF:

See Below

ADDRESS:

4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

DATE SAMPLED:

19/07/2023

SITE:

CGK/00808 Charville Lane

SAMPLED BY:

Client

SUPPLIER:

Site Won

DATE RECEIVED:

21/07/2023

SOURCE:

Site Won

DATE COMPLETED:

24/07/2023

MATERIAL:

See Below

TESTED BY:

JG, MW

LOCATION:

See Below

TYPE OF SAMPLE:

PREPARATION METHOD:

BS 1377-1: 2016 clause 8

SAMPLING PLAN:

Client Provided

METHOD OF SAMPLING:

Unknown

 ENVIRONMENTAL  
CONDITIONS:

Unknown

 LOCATION AND ORIENTATION  
WITHIN SAMPLE:

**TEST RESULT: Test Location: Harrietsham Lab**

SAMPLE NO.	CLIENT REF.	LOCATION OF TEST	MATERIAL DESCRIPTION	MOISTURE CONTENT (%)	LOWER LIMIT	UPPER LIMIT
410520	WS01	WS01, 0.80, 1.00	Brown Clay	31	NA	NA

**Remarks:**

Test results reported relate only to the items tested.

This report shall not be reproduced except in full without approval of the Laboratory.

Opinions and interpretations expressed herein are outside the scope of UKAS

Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: MC/TP01/Rep Issue 1 Rev 1 06/22

 Northdown House, Ashford Road  
Harrietsham, Nr Maidstone  
Kent ME17 1QW

 0343 227 8545  
enquiries@constructiontesting.co.uk  
**www.constructiontesting.co.uk**  
END OF REPORT

For and on behalf of CTS

Dan Gay - Laboratory Manager



Approved Signatory

Report date 24-Jul-23

 Construction Testing Solutions Ltd.  
Registered in England No. 05998333

Report version 1



4161

**TEST REPORT:****DETERMINATION OF THE MOISTURE CONTENT OF SOILS**

BS 1377:Part 2:1990 clause 3.2 - oven drying method

REPORT NUMBER:

C1079384 / 263565.3.1.1

SAMPLE NUMBER:

See Below

CLIENT:

Card Geotechnics Limited

CLIENT REF:

See Below

ADDRESS:

4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

DATE SAMPLED:

19/07/2023

SITE:

CGK/00808 Charville Lane

SAMPLED BY:

Client

SUPPLIER:

Site Won

DATE RECEIVED:

21/07/2023

SOURCE:

Site Won

DATE COMPLETED:

24/07/2023

MATERIAL:

See Below

TESTED BY:

JG, MW

LOCATION:

See Below

TYPE OF SAMPLE:

PREPARATION METHOD:

BS 1377-1: 2016 clause 8

SAMPLING PLAN:

Client Provided

METHOD OF SAMPLING:

Unknown

ENVIRONMENTAL  
CONDITIONS:

Unknown

LOCATION AND ORIENTATION  
WITHIN SAMPLE:**TEST RESULT:      Test Location: Harrietsham Lab**

SAMPLE NO.	CLIENT REF.	LOCATION OF TEST	MATERIAL DESCRIPTION	MOISTURE CONTENT (%)	LOWER LIMIT	UPPER LIMIT
410521	WS05	WS05, 1.20, 1.45	Brown Clay	26	NA	NA

**Remarks:**

Test results reported relate only to the items tested.

This report shall not be reproduced except in full without approval of the Laboratory.

Opinions and interpretations expressed herein are outside the scope of UKAS

Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: MC/TP01/Rep Issue 1 Rev 1 06/22

Northdown House, Ashford Road  
Harrietsham, Nr Maidstone  
Kent ME17 1QW0343 227 8545  
enquiries@constructiontesting.co.uk  
**www.constructiontesting.co.uk**  
END OF REPORT

For and on behalf of CTS

Dan Gay - Laboratory Manager



Approved Signatory

Report date 24-Jul-23

Construction Testing Solutions Ltd.  
Registered in England No. 05998333

Report version 1



4161

**TEST REPORT:** **DETERMINATION OF THE PLASTICITY INDEX OF SOIL**  
 BS 1377:Part 2:1990 clause 5.4

**REPORT NUMBER:** C1079384 / 263565.4.1.1

**SAMPLE NUMBER:** 410521 **CLIENT:** Card Geotechnics Limited

**CLIENT REF:** WS05 **ADDRESS:** 4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

**DATE SAMPLED:** 19/07/2023 **SITE:** CGK/00808 Charville Lane

**SAMPLED BY:** Client **SUPPLIER:** Site Won, Site Won

**DATE RECEIVED:** 21/07/2023 **MATERIAL:** Brown Clay

**DATE COMPLETED:** 28/07/2023 **LOCATION:** WS05, 1.20, 1.45

**TESTED BY:** HS, JW **PREPARATION METHOD:** BS 1377:Part 1:2016 cl 8.3 & 8.4.3

**TYPE OF SAMPLE:** **VARIATIONS:** None

**WITHIN ORIGINAL SAMPLE:** N/A **SAMPLING PLAN:** Client Provided

**ENVIRONMENTAL CONDITIONS:**

**RESULTS:** Test Location: Harrietsham Lab

TEST DETAILS	TEST RESULT	SPECIFICATION LIMITS	
		Lower Limit	Upper Limit
THE LIQUID LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 4.4 one point)	65%	N/A	N/A
THE PLASTIC LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 5.3)	25%	N/A	N/A
THE PLASTICITY INDEX OF THE SAMPLE:	40%		
THE PERCENTAGE PASSING 425µm TEST SIEVE:	97%		
Sample History:	The material was tested in the natural state		

**Remarks:**  
 Test results reported relate only to the items tested.  
 This report shall not be reproduced except in full without approval of the Laboratory.  
 Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: PI/TP04/Rep Issue 1 Rev 0 06/16

Northdown House, Ashford Road  
 Harrietsham, Nr Maidstone  
 Kent ME17 1QW

0343 227 8545  
 enquiries@constructiontesting.co.uk  
[www.constructiontesting.co.uk](http://www.constructiontesting.co.uk)  
 END OF REPORT

For and on behalf of CTS  
 Dan Gay - Laboratory Manager

D S

Approved Signatory  
 Report date 28-Jul-23

Construction Testing Solutions Ltd.  
 Registered in England No. 05998333



4161

**TEST REPORT:** **DETERMINATION OF THE PLASTICITY INDEX OF SOIL**  
 BS 1377:Part 2:1990 clause 5.4

**REPORT NUMBER:** C1079384 / 263565.6.1.1

**SAMPLE NUMBER:** 410522 **CLIENT:** Card Geotechnics Limited

**CLIENT REF:** WS05 **ADDRESS:** 4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

**DATE SAMPLED:** 19/07/2023 **SITE:** CGK/00808 Charville Lane

**SAMPLED BY:** Client **SUPPLIER:** Site Won, Site Won

**DATE RECEIVED:** 21/07/2023 **MATERIAL:** Brown Clay

**DATE COMPLETED:** 08/08/2023 **LOCATION:** WS05, 2.00, 2.45

**TESTED BY:** JG, JW **PREPARATION METHOD:** BS 1377:Part 1:2016 cl 8.3 & 8.4.3

**TYPE OF SAMPLE:** **VARIATIONS:** None

**WITHIN ORIGINAL SAMPLE:** N/A **SAMPLING PLAN:** Client Provided

**ENVIRONMENTAL CONDITIONS:**

**RESULTS:** Test Location: Harrietsham Lab

TEST DETAILS	TEST RESULT	SPECIFICATION LIMITS	
		Lower Limit	Upper Limit
THE LIQUID LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 4.4 one point)	66%	N/A	N/A
THE PLASTIC LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 5.3)	24%	N/A	N/A
THE PLASTICITY INDEX OF THE SAMPLE:	42%		
THE PERCENTAGE PASSING 425µm TEST SIEVE:	97%		
Sample History:	The material was tested in the natural state		

**Remarks:**  
 Test results reported relate only to the items tested.  
 This report shall not be reproduced except in full without approval of the Laboratory.  
 Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: PI/TP04/Rep Issue 1 Rev 0 06/16

Northdown House, Ashford Road  
 Harrietsham, Nr Maidstone  
 Kent ME17 1QW

0343 227 8545  
 enquiries@constructiontesting.co.uk  
[www.constructiontesting.co.uk](http://www.constructiontesting.co.uk)  
 END OF REPORT

For and on behalf of CTS  
 Dan Gay - Laboratory Manager



Approved Signatory  
 Report date 08-Aug-23

Construction Testing Solutions Ltd.  
 Registered in England No. 05998333



4161

**TEST REPORT:****DETERMINATION OF THE MOISTURE CONTENT OF SOILS**

BS 1377:Part 2:1990 clause 3.2 - oven drying method

REPORT NUMBER:

C1079384 / 263565.5.1.1

SAMPLE NUMBER:

See Below

CLIENT:

Card Geotechnics Limited

CLIENT REF:

See Below

ADDRESS:

4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

DATE SAMPLED:

19/07/2023

SITE:

CGK/00808 Charville Lane

SAMPLED BY:

Client

SUPPLIER:

Site Won

DATE RECEIVED:

21/07/2023

SOURCE:

Site Won

DATE COMPLETED:

24/07/2023

MATERIAL:

See Below

TESTED BY:

JG, MW

LOCATION:

See Below

TYPE OF SAMPLE:

PREPARATION METHOD:

BS 1377-1: 2016 clause 8

SAMPLING PLAN:

Client Provided

METHOD OF SAMPLING:

Unknown

ENVIRONMENTAL  
CONDITIONS:

Unknown

LOCATION AND ORIENTATION  
WITHIN SAMPLE:**TEST RESULT: Test Location: Harrietsham Lab**

SAMPLE NO.	CLIENT REF.	LOCATION OF TEST	MATERIAL DESCRIPTION	MOISTURE CONTENT (%)	LOWER LIMIT	UPPER LIMIT
410522	WS05	WS05, 2.00, 2.45	Brown Clay	27	NA	NA

**Remarks:**

Test results reported relate only to the items tested.

This report shall not be reproduced except in full without approval of the Laboratory.

Opinions and interpretations expressed herein are outside the scope of UKAS

Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: MC/TP01/Rep Issue 1 Rev 1 06/22

Northdown House, Ashford Road  
Harrietsham, Nr Maidstone  
Kent ME17 1QW0343 227 8545  
enquiries@constructiontesting.co.uk  
[www.constructiontesting.co.uk](http://www.constructiontesting.co.uk)  
END OF REPORT

For and on behalf of CTS

Dan Gay - Laboratory Manager

Approved Signatory  
Report date 24-Jul-23Construction Testing Solutions Ltd.  
Registered in England No. 05998333

Report version 1



4161

**TEST REPORT:** **DETERMINATION OF THE PLASTICITY INDEX OF SOIL**  
 BS 1377:Part 2:1990 clause 5.4

REPORT NUMBER: C1079384 / 263565.8.1.1

SAMPLE NUMBER: 410523 CLIENT: Card Geotechnics Limited

CLIENT REF: WS05 ADDRESS: 4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

DATE SAMPLED: 19/07/2023 SITE: CGK/00808 Charville Lane

SAMPLED BY: Client SUPPLIER: Site Won, Site Won

DATE RECEIVED: 21/07/2023 MATERIAL: Brown Clay

DATE COMPLETED: 04/08/2023 LOCATION: WS05, 3.50, 4.00

TESTED BY: JG, AP PREPARATION METHOD: BS 1377:Part 1:2016 cl 8.3 & 8.4.3

TYPE OF SAMPLE: VARIATIONS: None

WITHIN ORIGINAL SAMPLE: N/A SAMPLING PLAN: Client Provided

ENVIRONMENTAL CONDITIONS:

**RESULTS:** Test Location: Harrietsham Lab

TEST DETAILS	TEST RESULT	SPECIFICATION LIMITS	
		Lower Limit	Upper Limit
THE LIQUID LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 4.4 one point)	67%	N/A	N/A
THE PLASTIC LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 5.3)	26%	N/A	N/A
THE PLASTICITY INDEX OF THE SAMPLE:	41%		
THE PERCENTAGE PASSING 425µm TEST SIEVE:	100%		
Sample History:	The material was tested in the natural state		

Remarks:  
 Test results reported relate only to the items tested.  
 This report shall not be reproduced except in full without approval of the Laboratory.  
 Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: PI/TP04/Rep Issue 1 Rev 0 06/16

Northdown House, Ashford Road  
 Harrietsham, Nr Maidstone  
 Kent ME17 1QW

0343 227 8545  
 enquiries@constructiontesting.co.uk  
[www.constructiontesting.co.uk](http://www.constructiontesting.co.uk)  
 END OF REPORT

For and on behalf of CTS  
 Dan Gay - Laboratory Manager

D S

Approved Signatory  
 Report date 04-Aug-23

Construction Testing Solutions Ltd.  
 Registered in England No. 05998333



4161

**TEST REPORT:****DETERMINATION OF THE MOISTURE CONTENT OF SOILS**

BS 1377:Part 2:1990 clause 3.2 - oven drying method

REPORT NUMBER:

C1079384 / 263565.7.1.1

SAMPLE NUMBER:

See Below

CLIENT:

Card Geotechnics Limited

CLIENT REF:

See Below

ADDRESS:

4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

DATE SAMPLED:

19/07/2023

SITE:

CGK/00808 Charville Lane

SAMPLED BY:

Client

SUPPLIER:

Site Won

DATE RECEIVED:

21/07/2023

SOURCE:

Site Won

DATE COMPLETED:

24/07/2023

MATERIAL:

See Below

TESTED BY:

JG, MW

LOCATION:

See Below

TYPE OF SAMPLE:

PREPARATION METHOD:

BS 1377-1: 2016 clause 8

SAMPLING PLAN:

Client Provided

METHOD OF SAMPLING:

Unknown

ENVIRONMENTAL  
CONDITIONS:

Unknown

LOCATION AND ORIENTATION  
WITHIN SAMPLE:**TEST RESULT:      Test Location: Harrietsham Lab**

SAMPLE NO.	CLIENT REF.	LOCATION OF TEST	MATERIAL DESCRIPTION	MOISTURE CONTENT (%)	LOWER LIMIT	UPPER LIMIT
410523	WS05	WS05, 3.50, 4.00	Brown Clay	28	NA	NA

**Remarks:**

Test results reported relate only to the items tested.  
This report shall not be reproduced except in full without approval of the Laboratory.  
Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: MC/TP01/Rep Issue 1 Rev 1 06/22

Northdown House, Ashford Road  
Harrietsham, Nr Maidstone  
Kent ME17 1QW

0343 227 8545  
enquiries@constructiontesting.co.uk  
**www.constructiontesting.co.uk**  
END OF REPORT

For and on behalf of CTS  
Dan Gay - Laboratory Manager



Approved Signatory  
Report date 24-Jul-23

Construction Testing Solutions Ltd.  
Registered in England No. 05998333

Report version 1



4161

**TEST REPORT:** **DETERMINATION OF THE PLASTICITY INDEX OF SOIL**  
 BS 1377:Part 2:1990 clause 5.4

REPORT NUMBER: C1079384 / 263565.10.1.1

SAMPLE NUMBER: 410524 CLIENT: Card Geotechnics Limited

CLIENT REF: WS07 ADDRESS: 4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

DATE SAMPLED: 19/07/2023 SITE: CGK/00808 Charville Lane

SAMPLED BY: Client SUPPLIER: Site Won, Site Won

DATE RECEIVED: 21/07/2023 MATERIAL: Brown Clay

DATE COMPLETED: 28/07/2023 LOCATION: WS07, 1.00, 2.00

TESTED BY: HS, JW PREPARATION METHOD: BS 1377:Part 1:2016 cl 8.3 & 8.4.3

TYPE OF SAMPLE: VARIATIONS: None

WITHIN ORIGINAL SAMPLE: N/A SAMPLING PLAN: Client Provided

ENVIRONMENTAL CONDITIONS:

**RESULTS:** Test Location: Harrietsham Lab

TEST DETAILS	TEST RESULT	SPECIFICATION LIMITS	
		Lower Limit	Upper Limit
THE LIQUID LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 4.4 one point)	64%	N/A	N/A
THE PLASTIC LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 5.3)	24%	N/A	N/A
THE PLASTICITY INDEX OF THE SAMPLE:	40%		
THE PERCENTAGE PASSING 425µm TEST SIEVE:	92%		
Sample History:	The material was tested in the natural state		

Remarks:  
 Test results reported relate only to the items tested.  
 This report shall not be reproduced except in full without approval of the Laboratory.  
 Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: PI/TP04/Rep Issue 1 Rev 0 06/16

Northdown House, Ashford Road  
 Harrietsham, Nr Maidstone  
 Kent ME17 1QW

0343 227 8545  
 enquiries@constructiontesting.co.uk  
[www.constructiontesting.co.uk](http://www.constructiontesting.co.uk)  
 END OF REPORT

For and on behalf of CTS  
 Dan Gay - Laboratory Manager

D S

Approved Signatory  
 Report date 28-Jul-23

Construction Testing Solutions Ltd.  
 Registered in England No. 05998333



4161

**TEST REPORT:**
**DETERMINATION OF THE MOISTURE CONTENT OF SOILS**

BS 1377:Part 2:1990 clause 3.2 - oven drying method

REPORT NUMBER:

C1079384 / 263565.9.1.1

SAMPLE NUMBER:

See Below

CLIENT:

Card Geotechnics Limited

CLIENT REF:

See Below

ADDRESS:

4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

DATE SAMPLED:

19/07/2023

SITE:

CGK/00808 Charville Lane

SAMPLED BY:

Client

SUPPLIER:

Site Won

DATE RECEIVED:

21/07/2023

SOURCE:

Site Won

DATE COMPLETED:

24/07/2023

MATERIAL:

See Below

TESTED BY:

JG, MW

LOCATION:

See Below

TYPE OF SAMPLE:

PREPARATION METHOD:

BS 1377-1: 2016 clause 8

SAMPLING PLAN:

Client Provided

METHOD OF SAMPLING:

Unknown

 ENVIRONMENTAL  
CONDITIONS:

Unknown

 LOCATION AND ORIENTATION  
WITHIN SAMPLE:

**TEST RESULT: Test Location: Harrietsham Lab**

SAMPLE NO.	CLIENT REF.	LOCATION OF TEST	MATERIAL DESCRIPTION	MOISTURE CONTENT (%)	LOWER LIMIT	UPPER LIMIT
410524	WS07	WS07, 1.00, 2.00	Brown Clay	22	NA	NA

**Remarks:**

Test results reported relate only to the items tested.

This report shall not be reproduced except in full without approval of the Laboratory.

Opinions and interpretations expressed herein are outside the scope of UKAS

Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: MC/TP01/Rep Issue 1 Rev 1 06/22

 Northdown House, Ashford Road  
Harrietsham, Nr Maidstone  
Kent ME17 1QW

 0343 227 8545  
enquiries@constructiontesting.co.uk  
**www.constructiontesting.co.uk**  
END OF REPORT

For and on behalf of CTS

Dan Gay - Laboratory Manager



Approved Signatory

Report date 24-Jul-23

 Construction Testing Solutions Ltd.  
Registered in England No. 05998333

Report version 1



4161

**TEST REPORT:**
**DETERMINATION OF THE MOISTURE CONTENT OF SOILS**

BS 1377:Part 2:1990 clause 3.2 - oven drying method

REPORT NUMBER:

C1079384 / 263565.11.1.1

SAMPLE NUMBER:

See Below

CLIENT:

Card Geotechnics Limited

CLIENT REF:

See Below

ADDRESS:

4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

DATE SAMPLED:

19/07/2023

SITE:

CGK/00808 Charville Lane

SAMPLED BY:

Client

SUPPLIER:

Site Won

DATE RECEIVED:

21/07/2023

SOURCE:

Site Won

DATE COMPLETED:

24/07/2023

MATERIAL:

See Below

TESTED BY:

JG, MW

LOCATION:

See Below

TYPE OF SAMPLE:

PREPARATION METHOD:

BS 1377-1: 2016 clause 8

SAMPLING PLAN:

Client Provided

METHOD OF SAMPLING:

Unknown

 ENVIRONMENTAL  
CONDITIONS:

Unknown

 LOCATION AND ORIENTATION  
WITHIN SAMPLE:

**TEST RESULT: Test Location: Harrietsham Lab**

SAMPLE NO.	CLIENT REF.	LOCATION OF TEST	MATERIAL DESCRIPTION	MOISTURE CONTENT (%)	LOWER LIMIT	UPPER LIMIT
410525	WS07	WS07, 2.00, 2.45	Brown Clay	20	NA	NA

## Remarks:

Test results reported relate only to the items tested.

This report shall not be reproduced except in full without approval of the Laboratory.

Opinions and interpretations expressed herein are outside the scope of UKAS

Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: MC/TP01/Rep Issue 1 Rev 1 06/22

 Northdown House, Ashford Road  
Harrietsham, Nr Maidstone  
Kent ME17 1QW

 0343 227 8545  
enquiries@constructiontesting.co.uk  
**www.constructiontesting.co.uk**  
END OF REPORT

For and on behalf of CTS

Dan Gay - Laboratory Manager



Approved Signatory

Report date 24-Jul-23

 Construction Testing Solutions Ltd.  
Registered in England No. 05998333

Report version 1



4161

**TEST REPORT:** **DETERMINATION OF THE PLASTICITY INDEX OF SOIL**  
 BS 1377:Part 2:1990 clause 5.4

**REPORT NUMBER:** C1079384 / 263565.12.1.1

**SAMPLE NUMBER:** 410525 **CLIENT:** Card Geotechnics Limited

**CLIENT REF:** WS07 **ADDRESS:** 4 Godalming Business Centre , Woolsack Way , Godalming , Surrey , GU7 1XW

**DATE SAMPLED:** 19/07/2023 **SITE:** CGK/00808 Charville Lane

**SAMPLED BY:** Client **SUPPLIER:** Site Won, Site Won

**DATE RECEIVED:** 21/07/2023 **MATERIAL:** Brown Clay

**DATE COMPLETED:** 28/07/2023 **LOCATION:** WS07, 2.00, 2.45

**TESTED BY:** HS, JW **PREPARATION METHOD:** BS 1377:Part 1:2016 cl 8.3 & 8.4.3

**TYPE OF SAMPLE:** **VARIATIONS:** None

**WITHIN ORIGINAL SAMPLE:** N/A **SAMPLING PLAN:** Client Provided

**ENVIRONMENTAL CONDITIONS:**

**RESULTS:** Test Location: Harrietsham Lab

TEST DETAILS	TEST RESULT	SPECIFICATION LIMITS	
		Lower Limit	Upper Limit
THE LIQUID LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 4.4 one point)	64%	N/A	N/A
THE PLASTIC LIMIT OF THE SAMPLE: (BS 1377: Part 2:1990 clause 5.3)	24%	N/A	N/A
THE PLASTICITY INDEX OF THE SAMPLE:	40%		
THE PERCENTAGE PASSING 425µm TEST SIEVE:	95%		
Sample History:	The material was tested in the natural state		

**Remarks:**  
 Test results reported relate only to the items tested.  
 This report shall not be reproduced except in full without approval of the Laboratory.  
 Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. The laboratory does not apply a conformity statement to test reports as standard, unless specifically requested by the customer.

Report Format: PI/TP04/Rep Issue 1 Rev 0 06/16

Northdown House, Ashford Road  
 Harrietsham, Nr Maidstone  
 Kent ME17 1QW

0343 227 8545  
 enquiries@constructiontesting.co.uk  
[www.constructiontesting.co.uk](http://www.constructiontesting.co.uk)  
 END OF REPORT

For and on behalf of CTS  
 Dan Gay - Laboratory Manager

D S

Approved Signatory  
 Report date 28-Jul-23

Construction Testing Solutions Ltd.  
 Registered in England No. 05998333



4161