489650 E
489700 E
489750 E
489800 E
99300 N
99250 N
99200 N

## Notes:

1. GRID AND LEVELS BASED ON EXISTING TOPOGRAPHICAL SURVEY (SHOWN GREY) CARRIED OUT BY INTERLOCK SURVEYS LIMITED. JOB No 150595 30. DATE: SEPTEMBER 2015
2. PLEASE NOTE WHEN SETTING UP ON ST08 AND SIGHTING ST09, WE FOUND A 91mm ERROR IN DISTANCE WHEN USING THE COORDINATES TAKEN FROM THE EXISTING CONTROL SCHEDULE PROVIDED.

## TOPOGRAPHICAL KEY

SURVEY STATION 5
BANKING TOP / BOTTOM
HEDGE SPREADS
WOODLAND CANOPY
ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS
TREES SPREAD & GIRTH SHOWN TO SCALE
GATE
KERB CHANNEL
ROAD UNKERBED
FOOTPATH
CHANGE IN SURFACE
FENCE
WALL
OVERHEAD ELECTRIC
OVERHEAD TELECOM
FOUL SEWER
SURFACE SEWER
P-TRAP
BACK DROP (EXTERNAL)
BACK DROP (INTERNAL)
BUILDING
OPEN SIDED BUILDING
OVERHANG / CANOPY
GLASSHOUSE
CONTOUR 25.00
SPOT LEVEL + 127.13
SONAR LEVEL
BORE HOLE BH
TRIAL HOLE TH

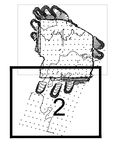
### GENERAL ABBREVIATIONS

| | |
|---|---|
| AIR CONDITIONING UNIT | ACU |
| AIR VALVE | AV |
| AVERAGE | Av. |
| BACK DROP | BD |
| BASE LEVEL | BL |
| BELISHA BEACON | BB |
| BOLLARD | BO |
| BOLLARD LIGHT | BOL |
| BRICK | BK |
| BUS STOP | BS |
| CABLE RISER | CR |
| CABLE TV COVER | CATV |
| CATCH PIT / GROUND | CPG |
| CATCH PIT | CP |
| CONTROL BOX | CB |
| COVER LEVEL | CL |
| CROSSING CONTROL BUTTON | CCB |
| DRAINAGE COURSE | DC |
| DRAINAGE CHANNEL | DCH |
| DROP KERB | DK |
| ELECTRICITY POLE | EP |
| EARTH ROD | ER |
| FIRE HYDRANT | FH |
| FLOOR LEVEL | FL |
| FOOTWAY | FW |
| FOUL WATER | FW |
| GAS RISER | GR |
| GAS VALVE | GV |
| GULLY | GY |
| HAND BIED | HB |
| INSPECTION COVER | IC |
| INVERT LEVEL | IL |
| KERB OUTLET | KO |
| LAMP POST | LP |
| MANHOLE | MH |
| MARKER POST | MK |
| METER | MT |
| NO PIPES / VISIBLE | NPV |
| ORDNANCE SURVEY BENCH MARK | OSBM |
| P-TRAP | PT |
| POST | PO |
| POST BOX | P.BOX |
| PUDDING EYE | RE |
| RAIN BIGIN | RB |
| RAIN WATER PIPE | RWP |
| RETAINING WALL | RW |
| SOFT BED | SB |
| STOP COCK | SC |
| STOP TAP / NAME PLATE | SNP |
| STOP VALVE | SV |
| SOIL PIPE | SP |
| SOIL VENT PIPE | SVP |
| SURFACE WATER | SW |
| TACTILE PAVING | TAC |
| TELECOM POLE | TP |
| TELEPHONE JUNCTION COVER | TPL |
| TELEPHONE CALL BOX | TCB |
| TICKET MACHINE | TM |
| TOP OF WALL | TOW |
| TRAFFIC LIGHT | TL |
| TRAFFIC LIGHT COVER | TLC |
| THRESHOLD LEVEL | THL |
| TOP WATER LEVEL | TWL |
| UNABLE TO RAISE | UTR |
| UNABLE TO SURVEY | UTS |
| VENT PIPE | VP |
| WATER LEVEL | WL |
| WATER METER | WM |
| WASH OUT | WO |
| WATER RISER | WR |
| WATER TAP | WT |

### FENCE ABBREVIATIONS

| | | | |
|---|---|---|---|
| BARBED WIRE FENCE | BW | IRON RAILINGS | IR |
| CLOSE BOARDED FENCE | CB | LARCH LAP FENCE | LA |
| CONCRETE PANEL FENCE | CPL | POST AND RAIL FENCE | P/R |
| CORRUGATED IRON FENCE | CI | POST AND WIRE FENCE | P/W |
| CHAIN LINK FENCE | CL | WIRE MESH FENCE | WM |
| CHESTNUT PALING | CNP | | |

## Sheet Layout: (Not to Scale)




N

| Revision | Description | Surv. by | Check. by | Appr. by | Date |
|---|---|---|---|---|---|

0m 2 4 6 8 10 12 14 16 18 20 22


mksurveys

Tel 01908 568561 Milton Keynes enquiries@mksurveys.co.uk
Tel 01865 594979 Oxford oxford@mksurveys.co.uk
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Tel 01604 645021 West Midlands westmidlands@mksurveys.co.uk
Tel 01403 243162 Horsham horsham@mksurveys.co.uk

www.mksurveys.com www.surveys4bim.co.uk


Vistry Partnerships

Hook Lane
Pagham
West Sussex

Topographical Survey

| Scale: | Sheet Size: | Sheet Number: | Date: |
|---|---|---|---|
| 1:200 | A0 | 2 | January 2021 |

| Project Number: | Rev: | Surveyed by: | Checked by: | Approved by: |
|---|---|---|---|---|
| 29477 | - | JL | CP | CP |


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## Appendix 2 - Laboratory Testing Results



ARUN DISTRICT COUNCIL P/68/22/DOC

# TEST CERTIFICATE

**DETERMINATION OF LIQUID AND PLASTIC LIMITS**

Tested in Accordance with: BS EN ISO 17892-12:2018,
Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

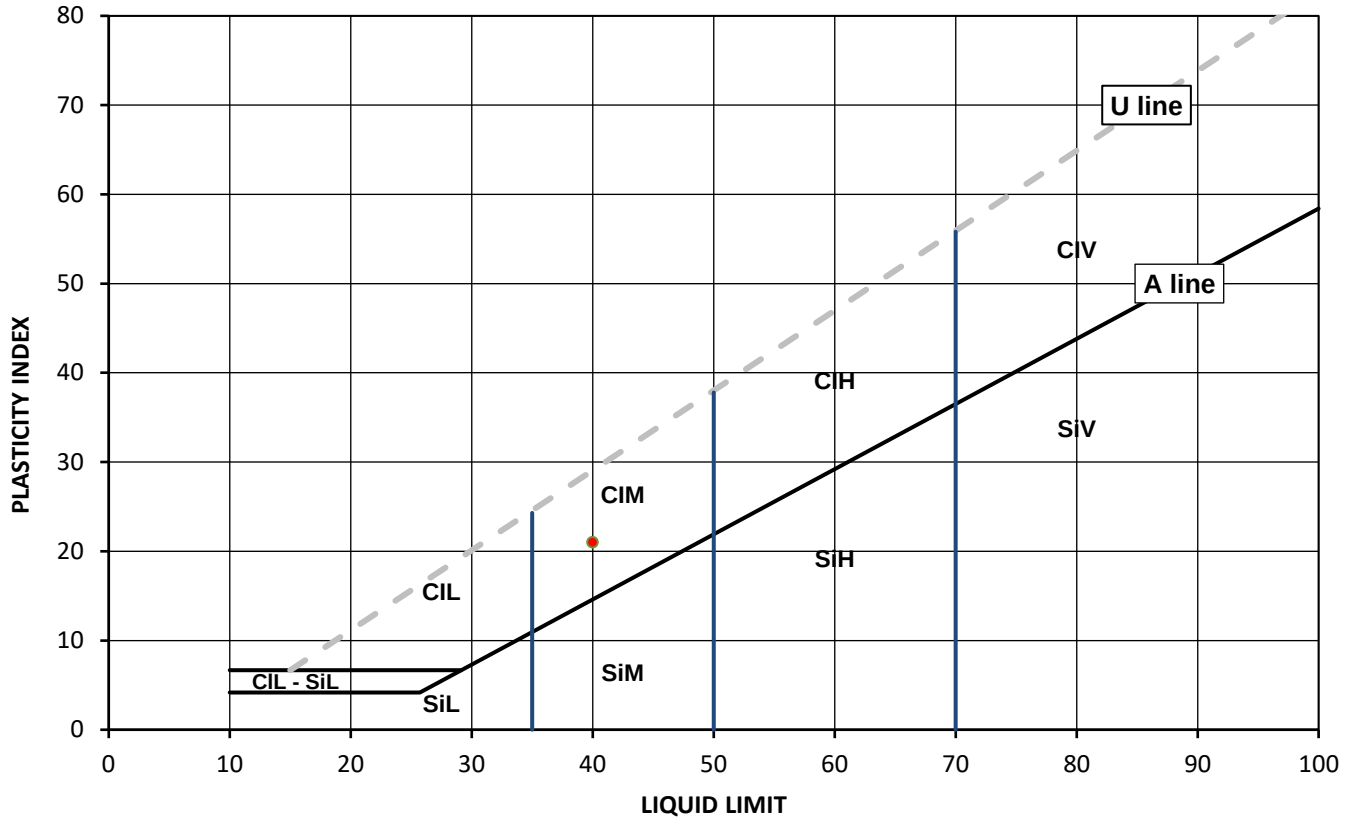
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|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047612 | Depth Top [m]: | 0.50 |
| Hole No.: | S1 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Greyish brown slightly gravelly sandy CLAY | | |
| Sample Preparation: | Tested after washing to remove >0.425mm; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 23.8 | 40 | 1.000 | 19 | 21 | 98 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

**Signed:** Katarzyna Koziel

Katarzyna Koziel
Technical Reviewer
**for and on behalf of i2 Analytical Ltd**

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**Date Reported:** 02/11/2021

**GF 360.9**

# TEST CERTIFICATE

**DETERMINATION OF LIQUID AND PLASTIC LIMITS**

Tested in Accordance with: BS EN ISO 17892-12:2018,
Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
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Brackmills Industrial Estate
Northampton NN4 7EB

4041

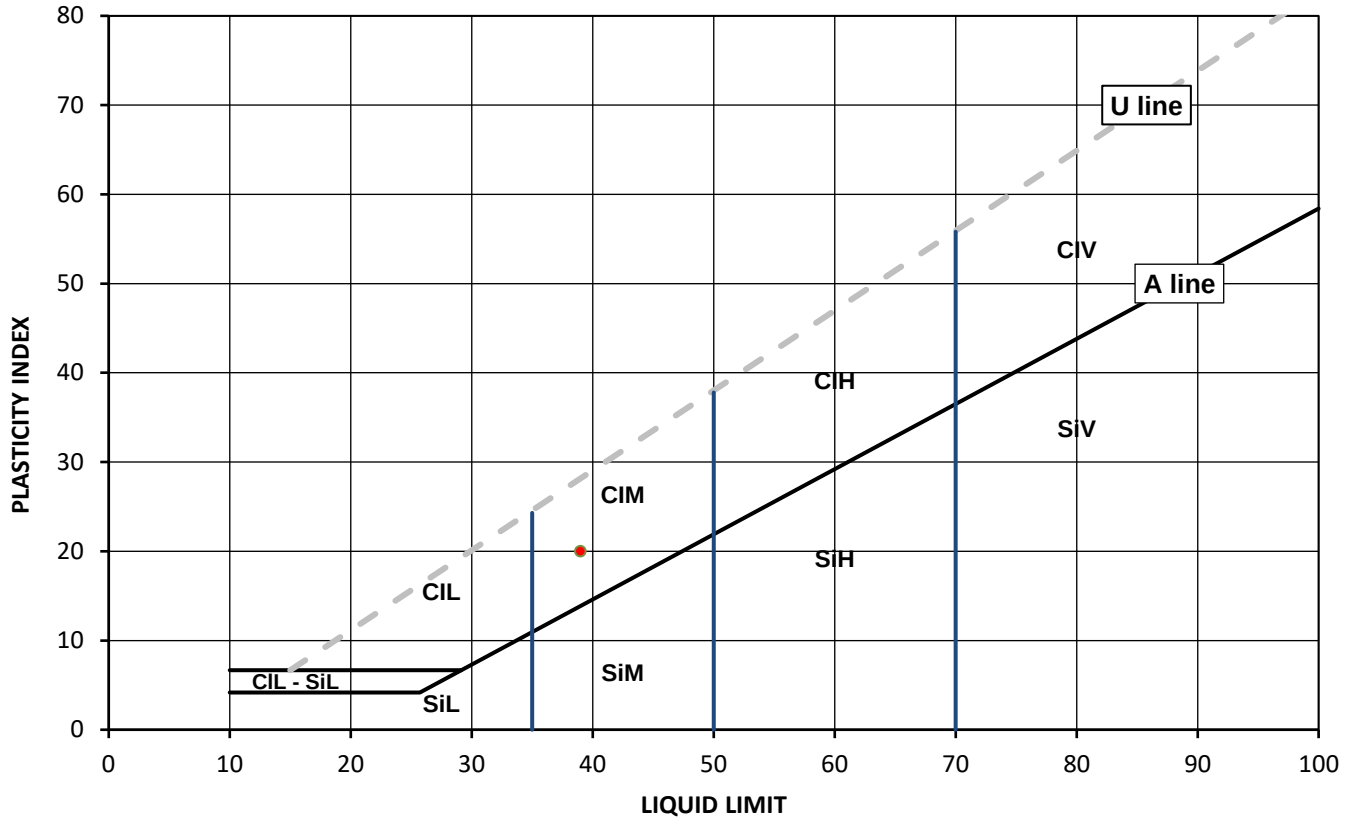
| | | | |
|---|---|---|---|
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| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047613 | Depth Top [m]: | 0.50 |
| Hole No.: | S2 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Greyish brown slightly gravelly sandy CLAY | | |
| Sample Preparation: | Tested after washing to remove >0.425mm; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 25.5 | 39 | 1.020 | 19 | 20 | 93 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
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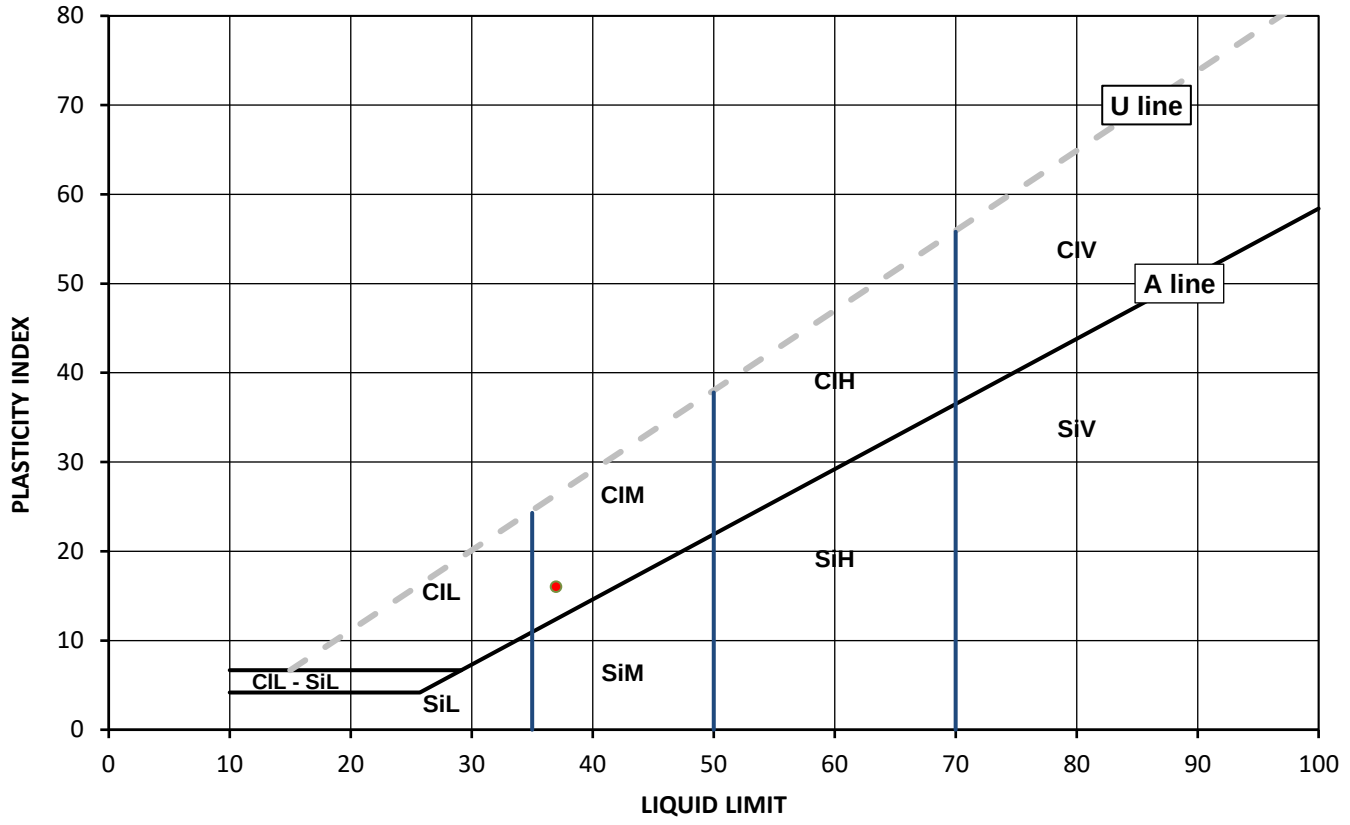
| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047614 | Depth Top [m]: | 0.50 |
| Hole No.: | S3 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Greyish brown gravelly sandy CLAY | | |
| Sample Preparation: | Tested after washing to remove >0.425mm; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 20.6 | 37 | 1.003 | 21 | 16 | 96 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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**Date Reported:** 02/11/2021

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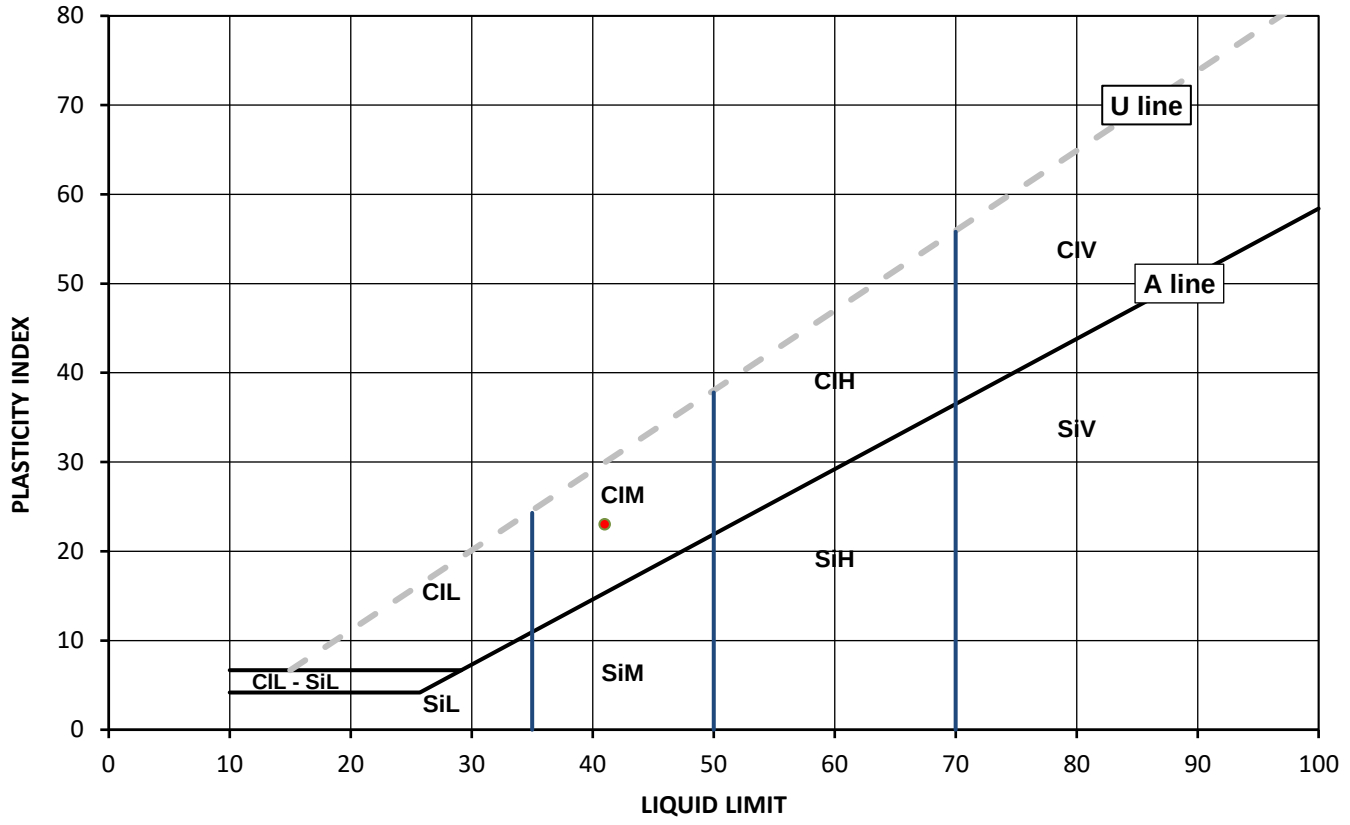
| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047615 | Depth Top [m]: | 0.50 |
| Hole No.: | S4 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Brown sandy CLAY | | |
| Sample Preparation: | Tested in natural condition; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 24.2 | 41 | 1.019 | 18 | 23 | 100 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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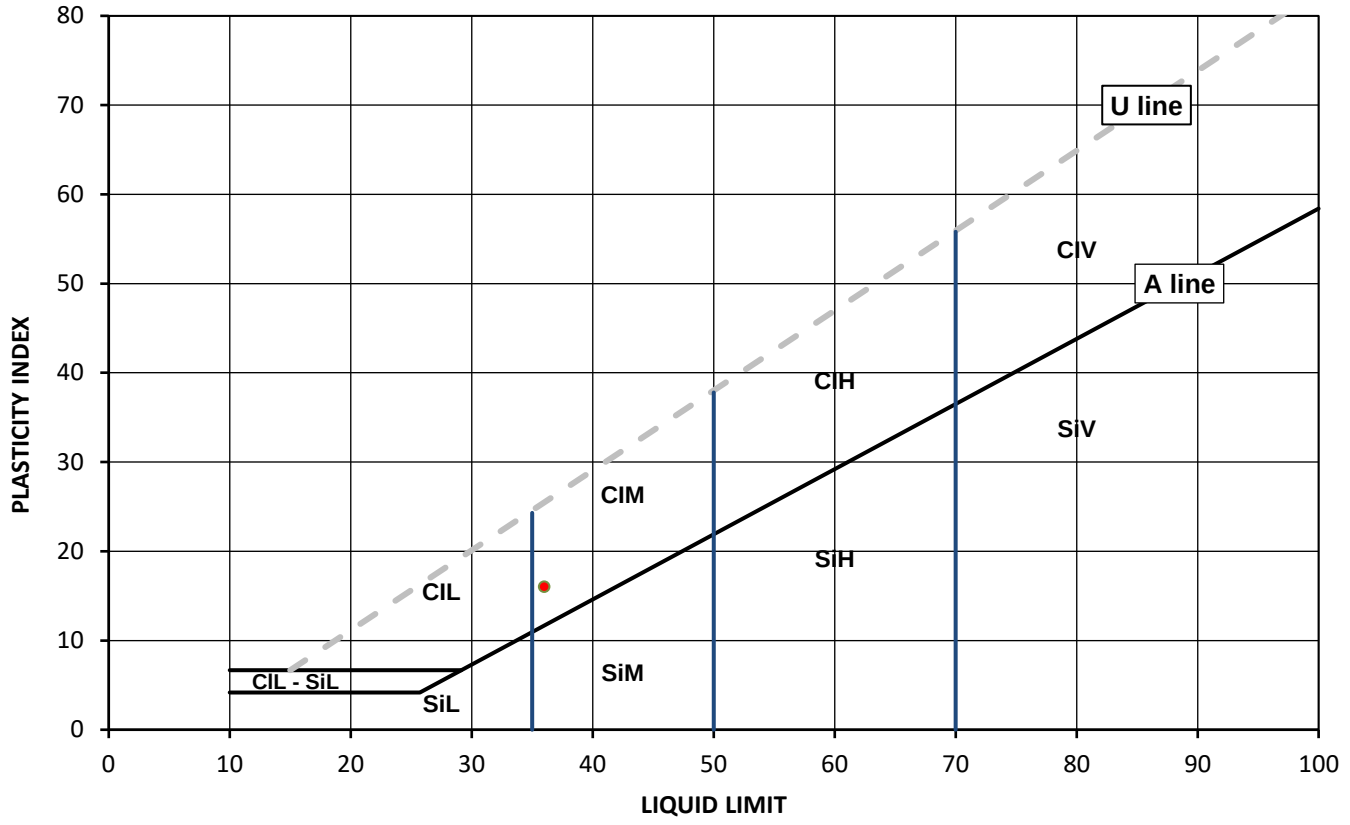
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| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
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| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047616 | Depth Top [m]: | 0.50 |
| Hole No.: | S5 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Greyish brown slightly gravelly slightly sandy CLAY | | |
| Sample Preparation: | Tested after washing to remove >0.425mm; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 19.0 | 36 | 1.002 | 20 | 16 | 95 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

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Katarzyna Koziel
Technical Reviewer
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**Date Reported:** 02/11/2021

**GF 360.9**

# TEST CERTIFICATE

**DETERMINATION OF LIQUID AND PLASTIC LIMITS**

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Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
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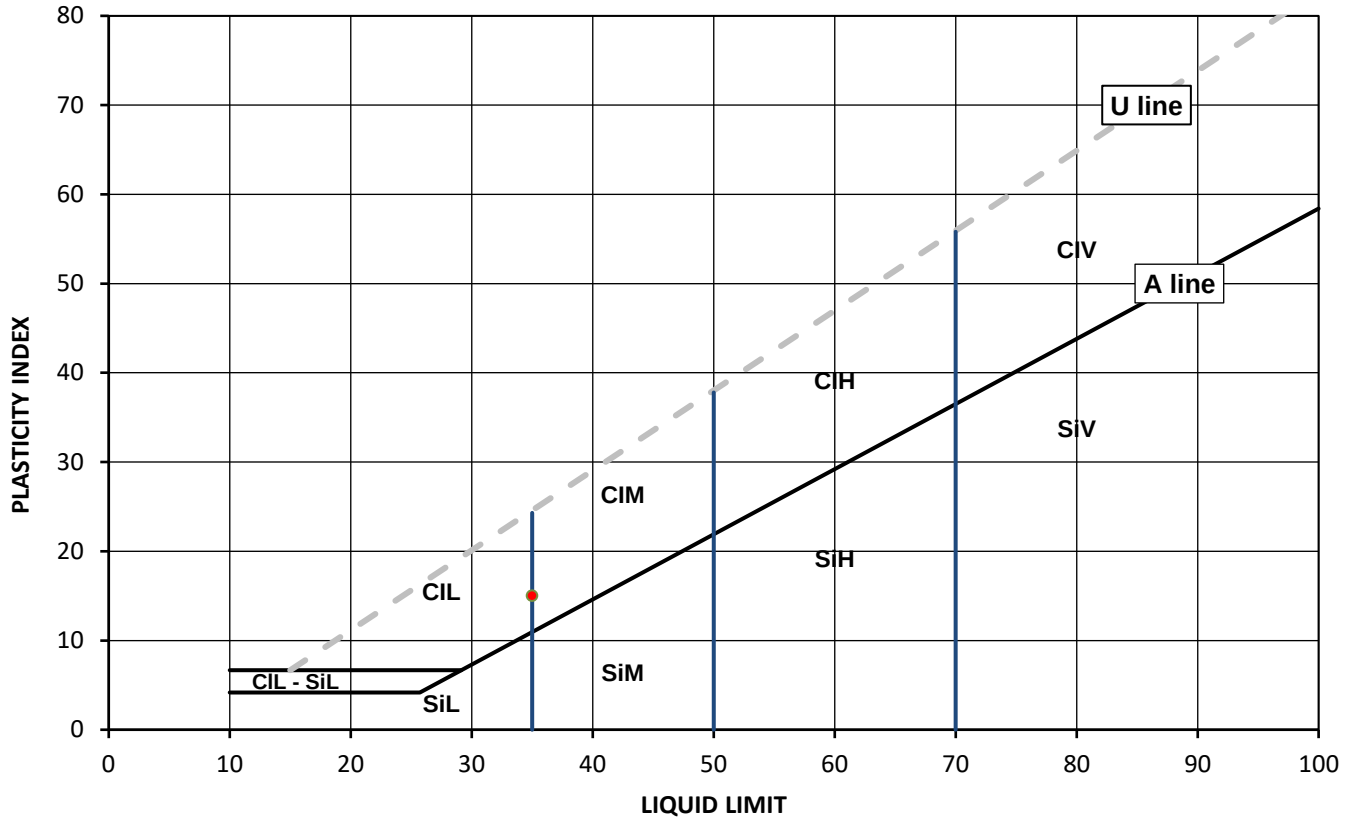
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|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047617 | Depth Top [m]: | 0.50 |
| Hole No.: | S6 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Greyish brown slightly gravelly slightly sandy CLAY | | |
| Sample Preparation: | Tested after washing to remove >0.425mm; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 20.5 | 35 | 1.015 | 20 | 15 | 94 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

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Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
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4041

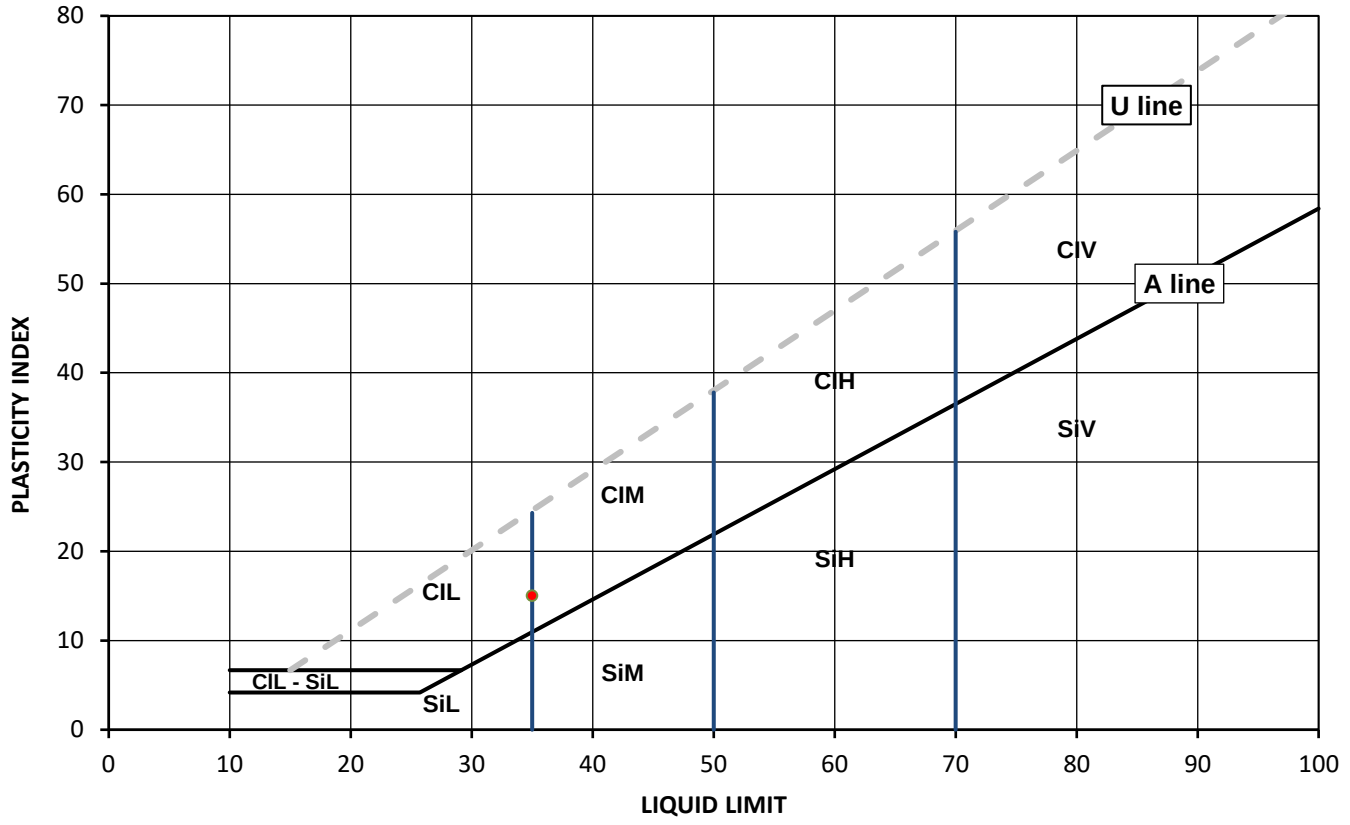
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|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047618 | Depth Top [m]: | 0.50 |
| Hole No.: | S7 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Greyish brown slightly gravelly sandy CLAY | | |
| Sample Preparation: | Tested after washing to remove >0.425mm; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 12.1 | 35 | 1.015 | 20 | 15 | 92 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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**Signed:** Katarzyna Koziel

Katarzyna Koziel
Technical Reviewer
**for and on behalf of i2 Analytical Ltd**



**Date Reported:** 02/11/2021

**GF 360.9**

# TEST CERTIFICATE

**DETERMINATION OF LIQUID AND PLASTIC LIMITS**

Tested in Accordance with: BS EN ISO 17892-12:2018,
Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

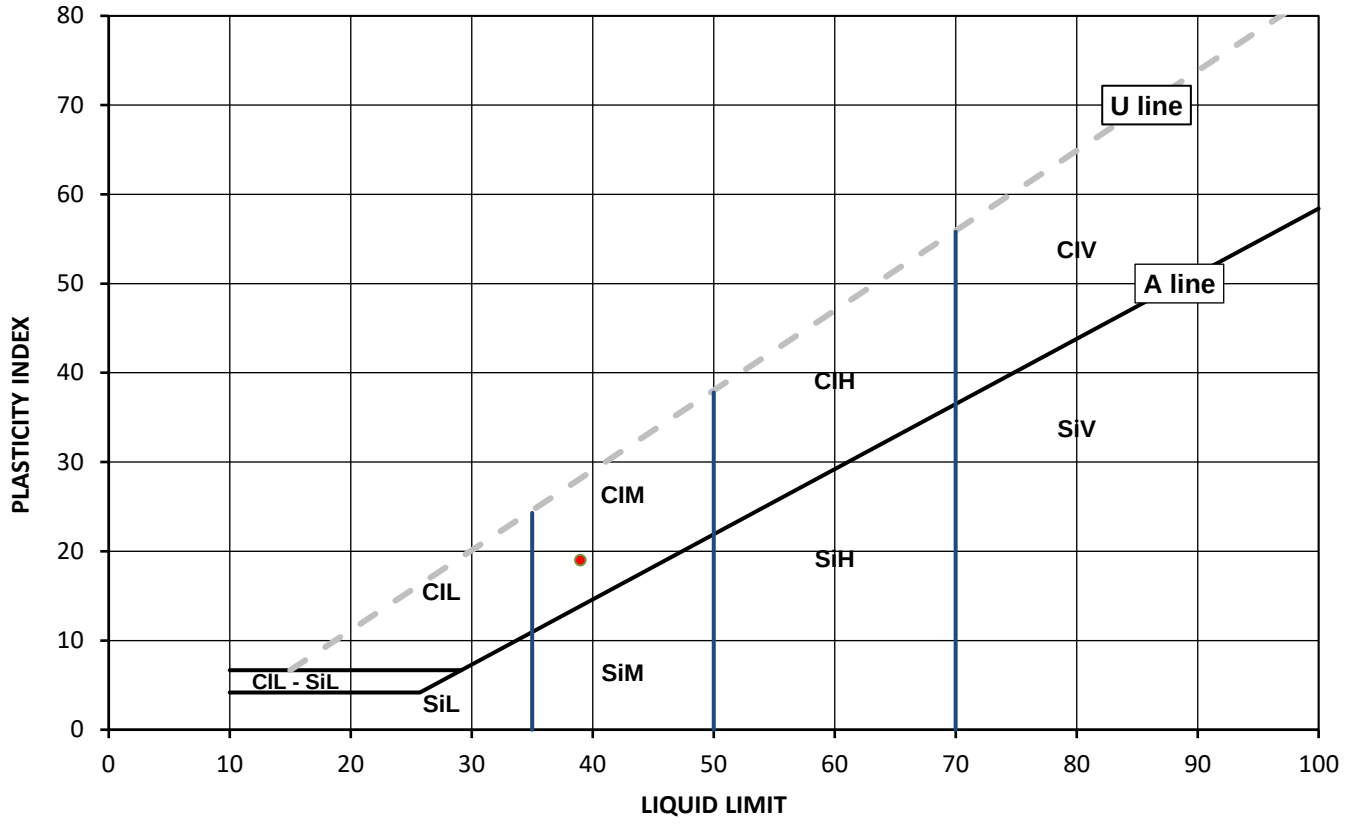
| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047619 | Depth Top [m]: | 0.50 |
| Hole No.: | S8 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Grey slightly gravelly sandy CLAY | | |
| Sample Preparation: | Tested after washing to remove >0.425mm; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 16.5 | 39 | 1.000 | 20 | 19 | 95 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

**Signed:** Katarzyna Koziel

Katarzyna Koziel
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**Date Reported:** 02/11/2021

**GF 360.9**

# TEST CERTIFICATE

**DETERMINATION OF LIQUID AND PLASTIC LIMITS**

Tested in Accordance with: BS EN ISO 17892-12:2018,
Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

UKAS TESTING 4041

Environmental Science

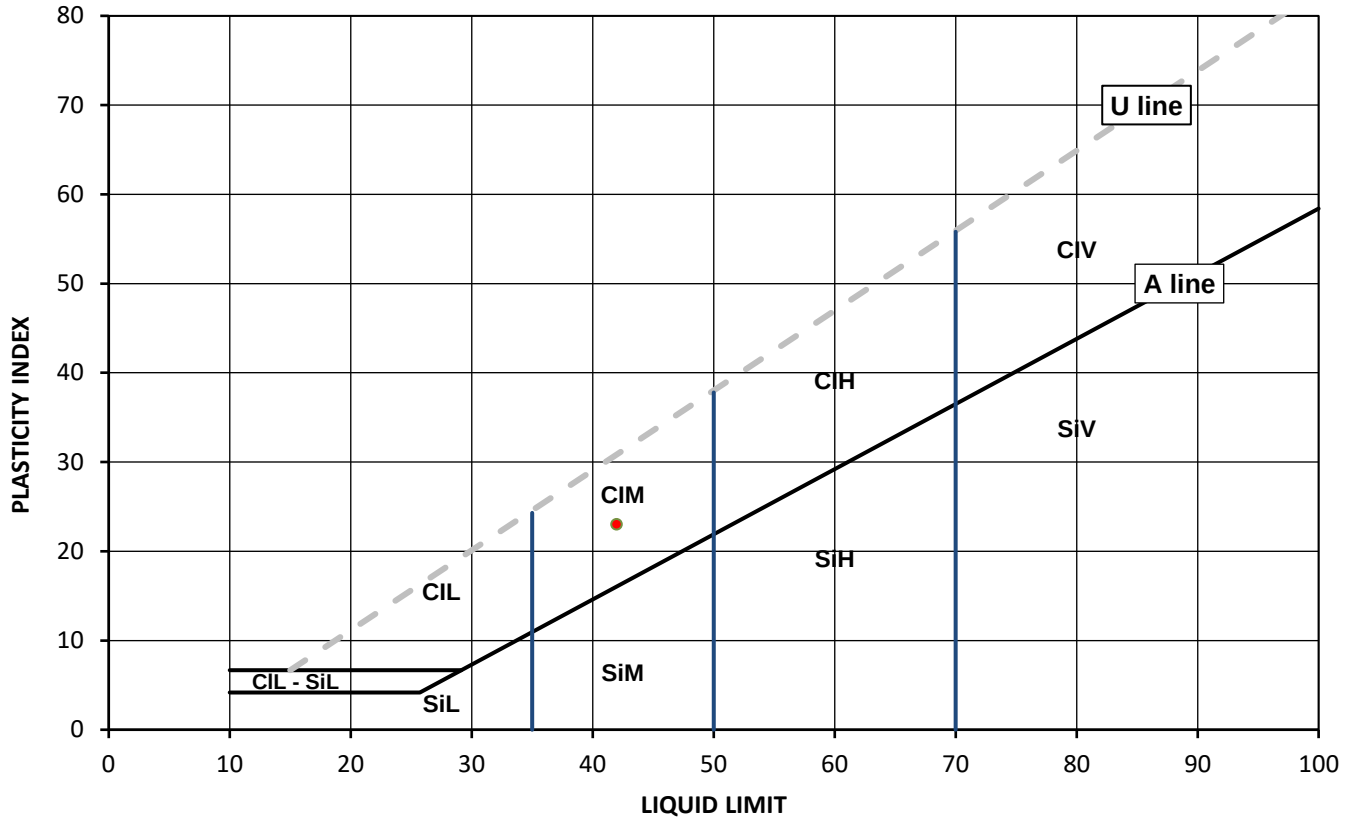
| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047620 | Depth Top [m]: | 0.50 |
| Hole No.: | S9 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Greyish brown slightly gravelly sandy CLAY | | |
| Sample Preparation: | Tested after washing to remove >0.425mm; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 17.3 | 42 | 1.019 | 19 | 23 | 95 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

**Signed:** Katarzyna Koziel

Katarzyna Koziel
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**Date Reported:** 02/11/2021

**GF 360.9**

# TEST CERTIFICATE

**DETERMINATION OF LIQUID AND PLASTIC LIMITS**

Tested in Accordance with: BS EN ISO 17892-12:2018,
Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

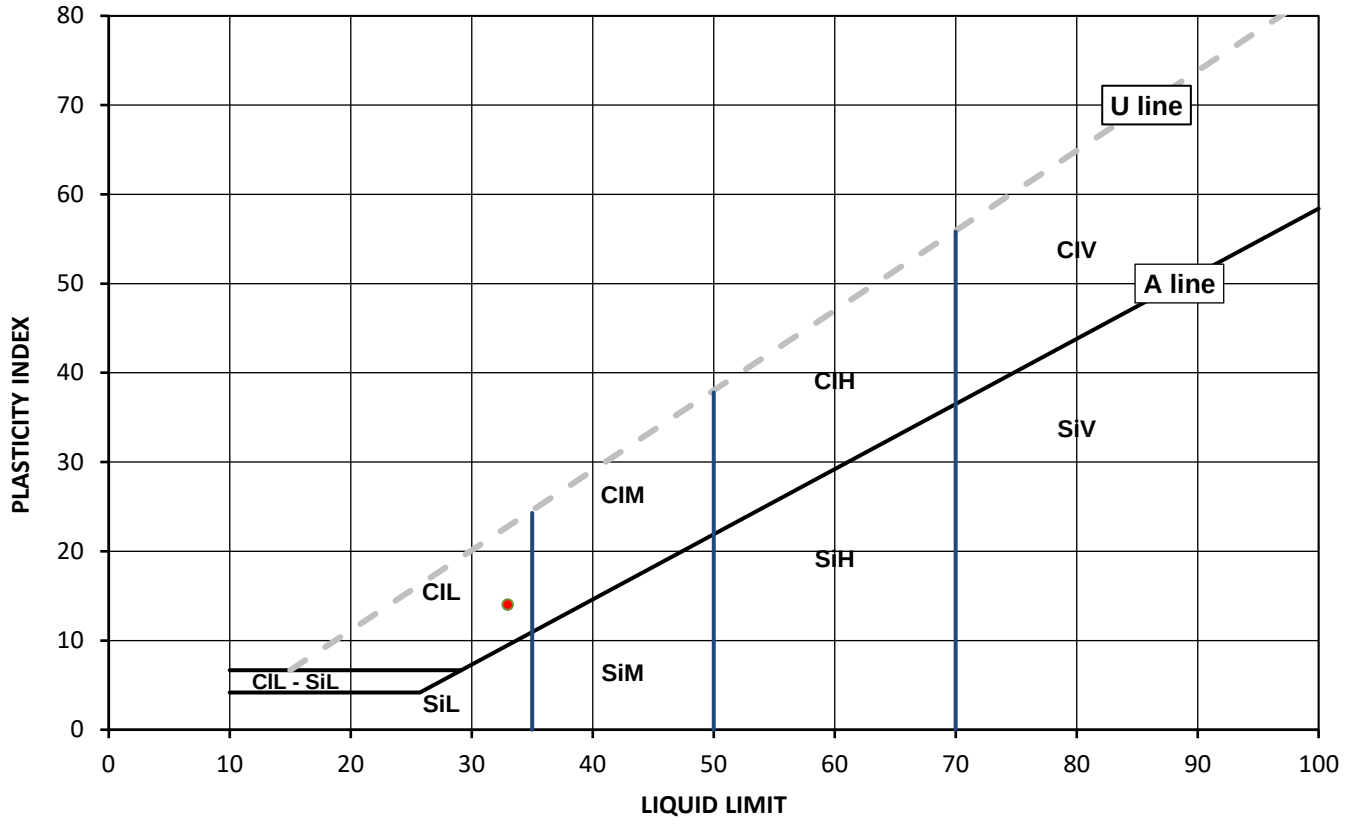
| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047621 | Depth Top [m]: | 0.50 |
| Hole No.: | S10 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Greyish brown slightly gravelly sandy CLAY | | |
| Sample Preparation: | Tested after washing to remove >0.425mm; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 14.7 | 33 | 1.000 | 19 | 14 | 93 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

**Signed:** Katarzyna Koziel

Katarzyna Koziel
Technical Reviewer
**for and on behalf of i2 Analytical Ltd**

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**Date Reported:** 02/11/2021

**GF 360.9**

# TEST CERTIFICATE

**DETERMINATION OF LIQUID AND PLASTIC LIMITS**

Tested in Accordance with: BS EN ISO 17892-12:2018,
Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

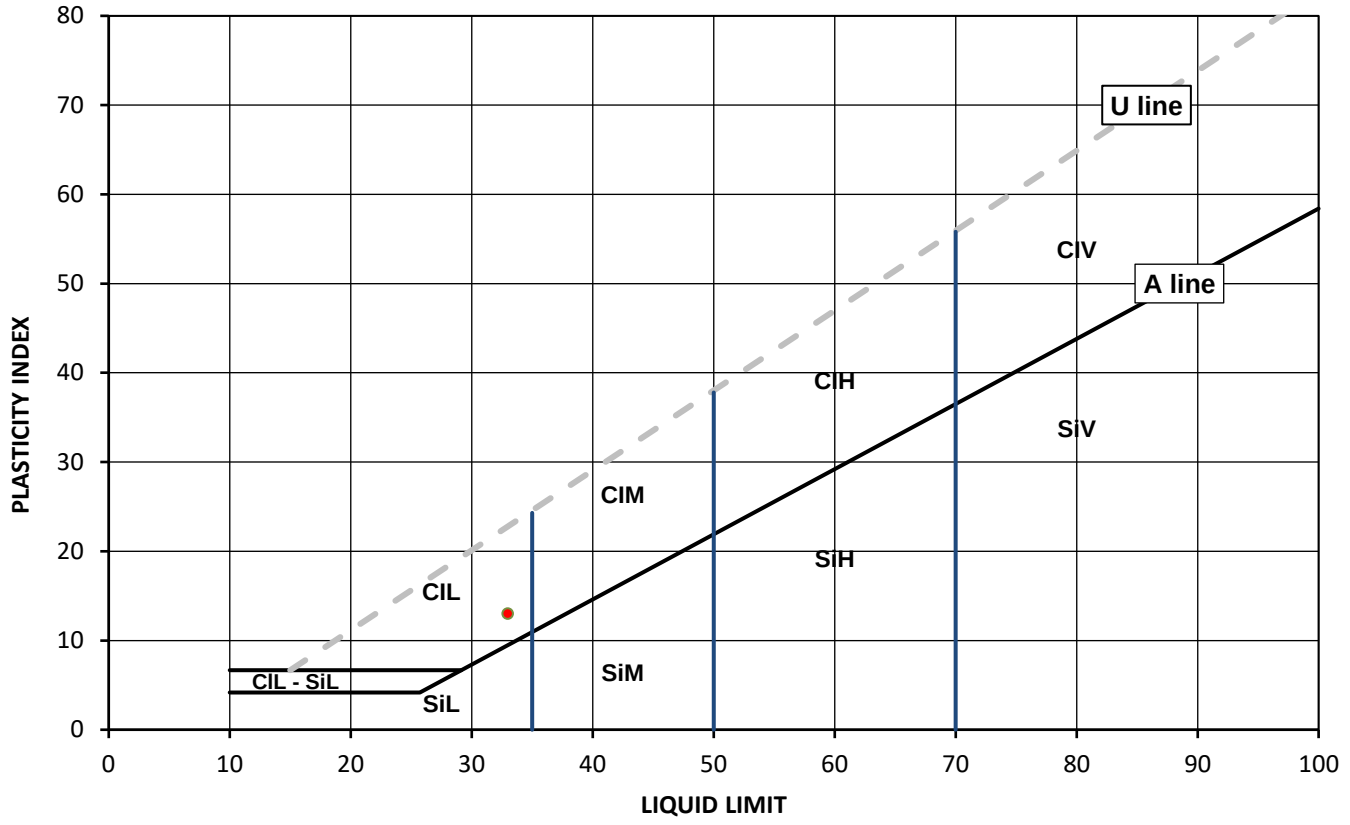
| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047622 | Depth Top [m]: | 0.50 |
| Hole No.: | S11 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Greyish brown slightly gravelly sandy CLAY | | |
| Sample Preparation: | Tested after washing to remove >0.425mm; | | |
| Cone Type: | 80g/30deg | | |

| As Received Water Content [ W ] % | Corrected Liquid Limit [ WL ] % | Correlation Factor | Plastic Limit [ Wp ] % | Plasticity Index [ Ip ] % | % Passing 425µm BS Test Sieve |
|---|---|---|---|---|---|
| 13.5 | 33 | 1.000 | 20 | 13 | 92 |




Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

| | | Plasticity | | Liquid Limit |
|---|---|---|---|---|
| Cl | Clay | L | Low | below 35 |
| Si | Silt | M | Medium | 35 to 50 |
| | | H | High | 50 to 70 |
| | | V | Very high | exceeding 70 |
| | | O | Organic | append to classification for organic material ( eg ClHO ) |

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

**Signed:** Katarzyna Koziel

Katarzyna Koziel
Technical Reviewer
**for and on behalf of i2 Analytical Ltd**

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**Date Reported:** 02/11/2021

**GF 360.9**

# SUMMARY REPORT

## SUMMARY OF CLASSIFICATION TEST RESULTS

Tested in Accordance with:

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

Environmental Science

**4041**

Client: Enzygo Geoenvironmental Ltd

Client Address: Ducie House, Ducie Street,, M1 2JW

Contact: Nigel Ramsumair

Site Address: Hook Lane

W by BS EN 17892-1: 2014; Liquid and Plastic Limit by BS EN ISO 17892-12: 2018: Clause 5.3 (4 Point Test), Clause 5.3.14 (1 Point Test) and 5.5; Correlation Factor by Clayton C.R.I and Jukes A.W (1978); PD by BS 1377-2: 1990: Clause 8.2

Client Reference: MAN 1668 019
Job Number: 21-16487
Date Sampled: 01/11/2021
Date Received: 12/10/2021
Date Tested: 26/10-27/10/2021
Sampled By: Not Given

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

### Test results

| Laboratory Reference | Hole No. | Sample | | | | Description | Remarks | W | Liquid & Plastic Limit | | | | | | | Density | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Reference | Depth Top m | Depth Base m | Type | | | % | % Passing 425um % | WL* % | Correlation Factor | Wp % | Ip % | Cone type | Sample Preparation | bulk Mg/m3 | dry Mg/m3 | PD Mg/m3 |
| 2047612 | S1 | Not Given | 0.50 | Not Given | B | Greyish brown slightly gravelly sandy CLAY | Atterberg 1 Point | 23.8 | 98 | 40 | 1.000 | 19 | 21 | 80g/30 deg | N/A | | | |
| 2047621 | S10 | Not Given | 0.50 | Not Given | B | Greyish brown slightly gravelly sandy CLAY | Atterberg 1 Point | 14.7 | 93 | 33 | 1.000 | 19 | 14 | 80g/30 deg | N/A | | | |
| 2047622 | S11 | Not Given | 0.50 | Not Given | B | Greyish brown slightly gravelly sandy CLAY | Atterberg 1 Point | 13.5 | 92 | 33 | 1.000 | 20 | 13 | 80g/30 deg | N/A | | | |
| 2047613 | S2 | Not Given | 0.50 | Not Given | B | Greyish brown slightly gravelly sandy CLAY | Atterberg 1 Point | 25.5 | 93 | 39 | 1.020 | 19 | 20 | 80g/30 deg | N/A | | | |
| 2047614 | S3 | Not Given | 0.50 | Not Given | B | Greyish brown gravelly sandy CLAY | Atterberg 1 Point | 20.6 | 96 | 37 | 1.003 | 21 | 16 | 80g/30 deg | N/A | | | |
| 2047615 | S4 | Not Given | 0.50 | Not Given | B | Brown sandy CLAY | Atterberg 1 Point | 24.2 | 100 | 41 | 1.019 | 18 | 23 | 80g/30 deg | N/A | | | |
| 2047616 | S5 | Not Given | 0.50 | Not Given | B | Greyish brown slightly gravelly slightly sandy CLAY | Atterberg 1 Point | 19.0 | 95 | 36 | 1.002 | 20 | 16 | 80g/30 deg | N/A | | | |
| 2047617 | S6 | Not Given | 0.50 | Not Given | B | Greyish brown slightly gravelly slightly sandy CLAY | Atterberg 1 Point | 20.5 | 94 | 35 | 1.015 | 20 | 15 | 80g/30 deg | N/A | | | |
| 2047618 | S7 | Not Given | 0.50 | Not Given | B | Greyish brown slightly gravelly sandy CLAY | Atterberg 1 Point | 12.1 | 92 | 35 | 1.015 | 20 | 15 | 80g/30 deg | N/A | | | |
| 2047619 | S8 | Not Given | 0.50 | Not Given | B | Grey slightly gravelly sandy CLAY | Atterberg 1 Point | 16.5 | 95 | 39 | 1.000 | 20 | 19 | 80g/30 deg | N/A | | | |

Note: # Non accredited; NP - Non plastic; I - The water content in the sample was increased , D - The water content in the sample was decreased; * - One point liquid limit corrected as per the report Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Comments:

**Signed:**

Katarzyna Koziel
Technical Reviewer
**for and on behalf of i2 Analytical Ltd**

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**Date Reported:** 02/11/2021 **GF 361.9**

# SUMMARY REPORT

## SUMMARY OF CLASSIFICATION TEST RESULTS

Tested in Accordance with:

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

**4041**

Client: Enzygo Geoenvironmental Ltd

Client Address: Ducie House, Ducie Street,, M1 2JW

W by BS EN 17892-1: 2014; Liquid and Plastic Limit by BS EN ISO 17892-12: 2018: Clause 5.3 (4 Point Test), Clause 5.3.14 (1 Point Test) and 5.5; Correlation Factor by Clayton C.R.I and Jukes A.W (1978); PD by BS 1377-2: 1990: Clause 8.2

Client Reference: MAN 1668 019
Job Number: 21-16487
Date Sampled: 01/11/2021
Date Received: 12/10/2021
Date Tested: 26/10-27/10/2021
Sampled By: Not Given

Contact: Nigel Ramsumair

Site Address: Hook Lane

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

### Test results

| Laboratory Reference | Hole No. | Sample | | | | Description | Remarks | W | Liquid & Plastic Limit | | | | | | | Density | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Reference | Depth Top m | Depth Base m | Type | | | % | % Passing 425um % | WL* % | Correlation Factor | Wp % | Ip % | Cone type | Sample Preparation | bulk Mg/m3 | dry Mg/m3 | PD Mg/m3 |
| 2047620 | S9 | Not Given | 0.50 | Not Given | B | Greyish brown slightly gravelly sandy CLAY | Atterberg 1 Point | 17.3 | 95 | 42 | 1.019 | 19 | 23 | 80g/30 deg | N/A | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
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Note: # Non accredited; NP - Non plastic; I - The water content in the sample was increased , D - The water content in the sample was decreased; * - One point liquid limit corrected as per the report Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Comments:

**Signed:**

Katarzyna Koziel
Technical Reviewer
**for and on behalf of i2 Analytical Ltd**

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**Date Reported:** 02/11/2021 **GF 361.9**

# TEST CERTIFICATE

## Particle Size Distribution

Tested in Accordance with: BS EN ISO 17892-4:2016

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

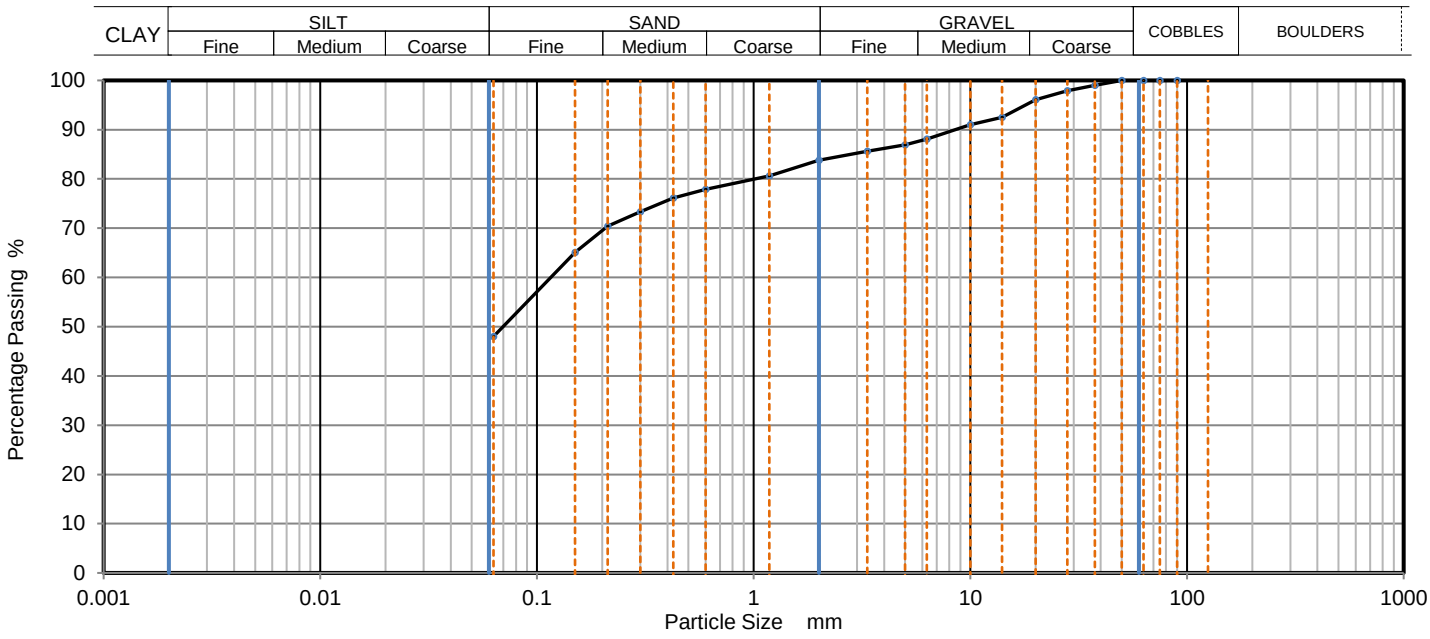
4041

| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 26/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047605 | Depth Top [m]: | 2.20 |
| Hole No.: | TP114 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Light grey gravelly very sandy CLAY with fragments of chalk | | |




| Sieving | | Sedimentation | |
|---|---|---|---|
| Particle Size mm | % Passing | Particle Size mm | % Passing |
| 125 | 100 | | |
| 90 | 100 | | |
| 75 | 100 | | |
| 63 | 100 | | |
| 50 | 100 | | |
| 37.5 | 99 | | |
| 28 | 98 | | |
| 20 | 96 | | |
| 14 | 93 | | |
| 10 | 91 | | |
| 6.3 | 88 | | |
| 5 | 87 | | |
| 3.35 | 86 | | |
| 2 | 84 | | |
| 1.18 | 81 | | |
| 0.6 | 78 | | |
| 0.425 | 76 | | |
| 0.3 | 73 | | |
| 0.212 | 70 | | |
| 0.15 | 65 | | |
| 0.063 | 49 | | |

| Sample Proportions | % dry mass |
|---|---|
| Very coarse | 0.00 |
| Gravel | 16.00 |
| Sand | 35.00 |
| | |
| Fines <0.063mm | 49.00 |

| Grading Analysis | | |
|---|---|---|
| D100 | mm | 50 |
| D60 | mm | 0.115 |
| D30 | mm | |
| D10 | mm | |
| Uniformity Coefficient | | |
| Curvature Coefficient | | |

Note: Tested in Accordance with ISO 17892 -4, by sieving on as received or wet sample

Remarks:

**Signed:** Katarzyna Koziel

Katarzyna Koziel
Technical Reviewer
**for and on behalf of i2 Analytical Ltd**

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**Date Reported:** 02/11/2021

**GF 366.6**

# TEST CERTIFICATE

**Dry Density / Moisture Content**

**Relationship Light Compaction**

Tested in Accordance with:
BS 1377-4: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

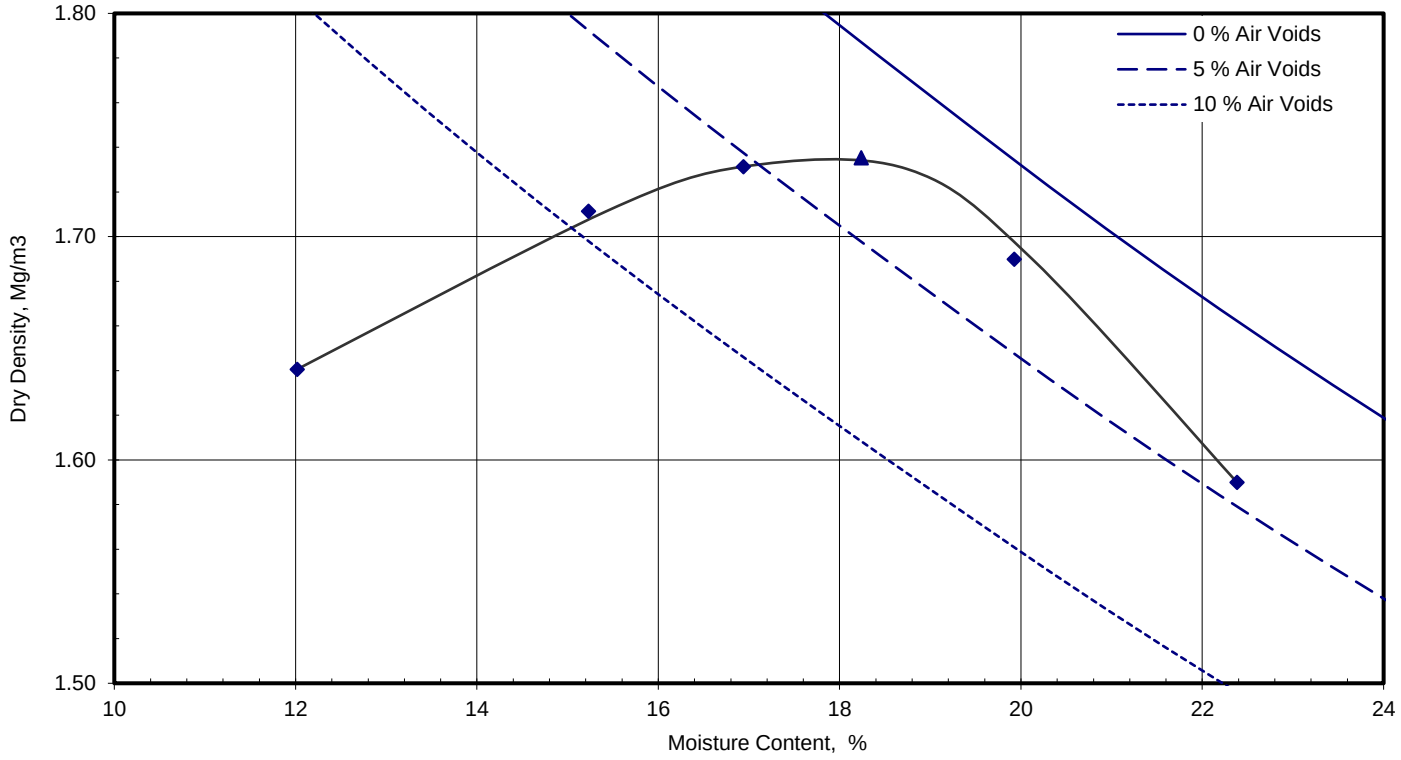
4041

| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 29/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047601 | Depth Top [m]: | 0.50 |
| Hole No.: | TP112 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Light brown CLAY | | |
| Sample Preparation: | Sample was quartered and broken down by hand. Material used was natural. | | |




| Compaction Point No. | | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| Moisture Content | % | 12 | 15 | 17 | 20 | 22 |
| Dry Density | Mg/m³ | 1.64 | 1.71 | 1.73 | 1.69 | 1.59 |

| | | |
|---|---|---|
| Mould Type | | 1 Litre |
| Samples Used | | Single sample tested |
| Material Retained on 37.5 mm Sieve | % | 0 |
| Material Retained on 20.0 mm Sieve | % | 0 |
| Particle Density - Assumed | Mg/m³ | 2.65 |
| As received Moisture Content | % | 28 |
| **Maximum Dry Density** | Mg/m³ | **1.74** |

| | | |
|---|---|---|
| **Optimum Moisture Content** | % | **18** |

Note: Tested in Accordance with BS 1377-4: 1990: Clause 3.3 using 2.5kg [light] Rammer

Remarks:

**Signed:** Katarzyna Koziel

Katarzyna Koziel
Technical Reviewer
**for and on behalf of i2 Analytical Ltd**

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**Date Reported:** 02/11/2021

**GF 109.21**

# TEST CERTIFICATE

**Dry Density / Moisture Content**

**Relationship Light Compaction**

Tested in Accordance with:
BS 1377-4: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

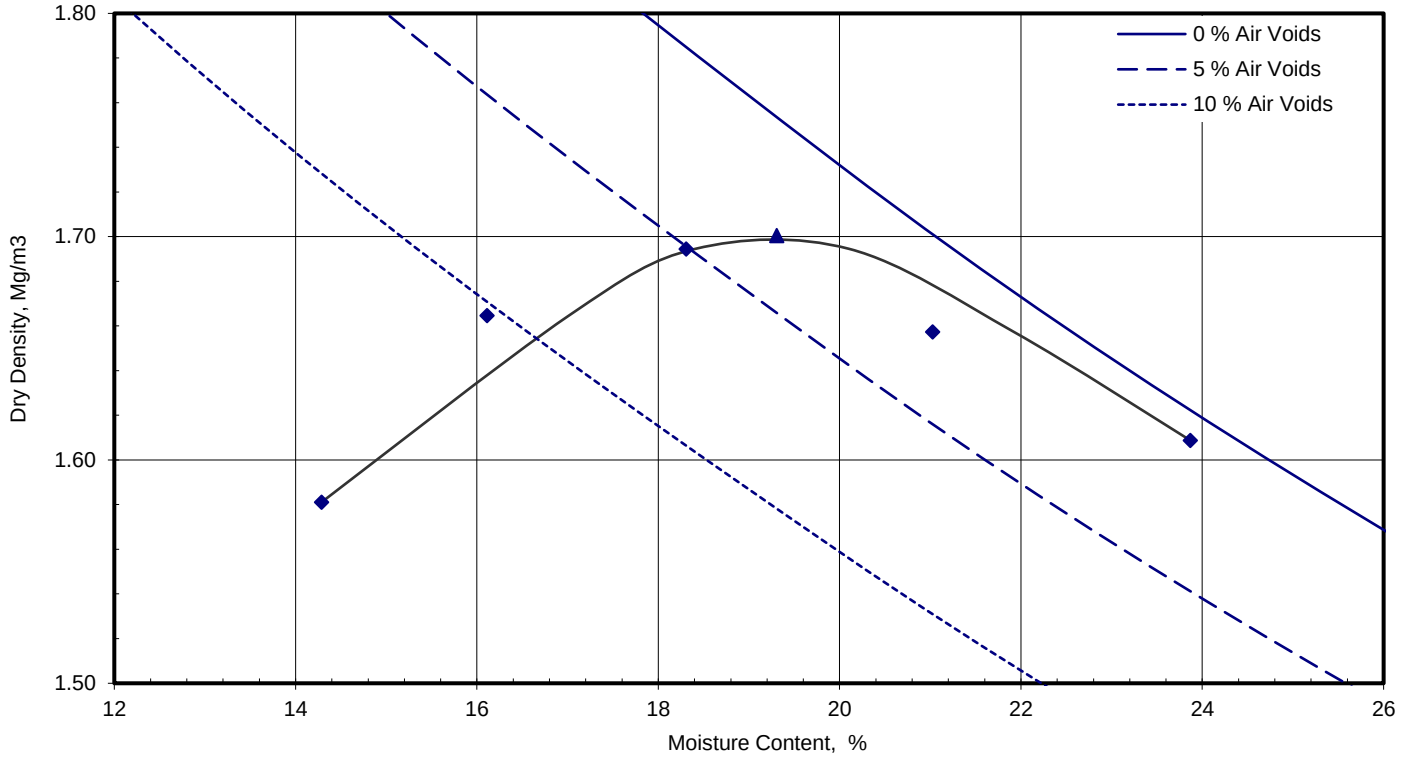
4041

| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 29/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047602 | Depth Top [m]: | 0.60 |
| Hole No.: | TP101 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Yellowish brown CLAY | | |
| Sample Preparation: | Sample was quartered and broken down by hand. Material used was natural. | | |




| Compaction Point No. | | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| Moisture Content | % | 14 | 16 | 18 | 21 | 24 |
| Dry Density | Mg/m³ | 1.58 | 1.66 | 1.69 | 1.66 | 1.61 |

| | | |
|---|---|---|
| Mould Type | | 1 Litre |
| Samples Used | | Single sample tested |
| Material Retained on 37.5 mm Sieve | % | 0 |
| Material Retained on 20.0 mm Sieve | % | 0 |
| Particle Density - Assumed | Mg/m³ | 2.65 |
| As received Moisture Content | % | 26 |
| **Maximum Dry Density** | Mg/m³ | **1.70** |

| | | |
|---|---|---|
| **Optimum Moisture Content** | % | **19** |

Note: Tested in Accordance with BS 1377-4: 1990: Clause 3.3 using 2.5kg [light] Rammer

Remarks:

**Signed:** Katarzyna Koziel

Katarzyna Koziel
Technical Reviewer
**for and on behalf of i2 Analytical Ltd**

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**Date Reported:** 02/11/2021

**GF 109.21**

# TEST CERTIFICATE

**Dry Density / Moisture Content**

**Relationship Light Compaction**

Tested in Accordance with:
BS 1377-4: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

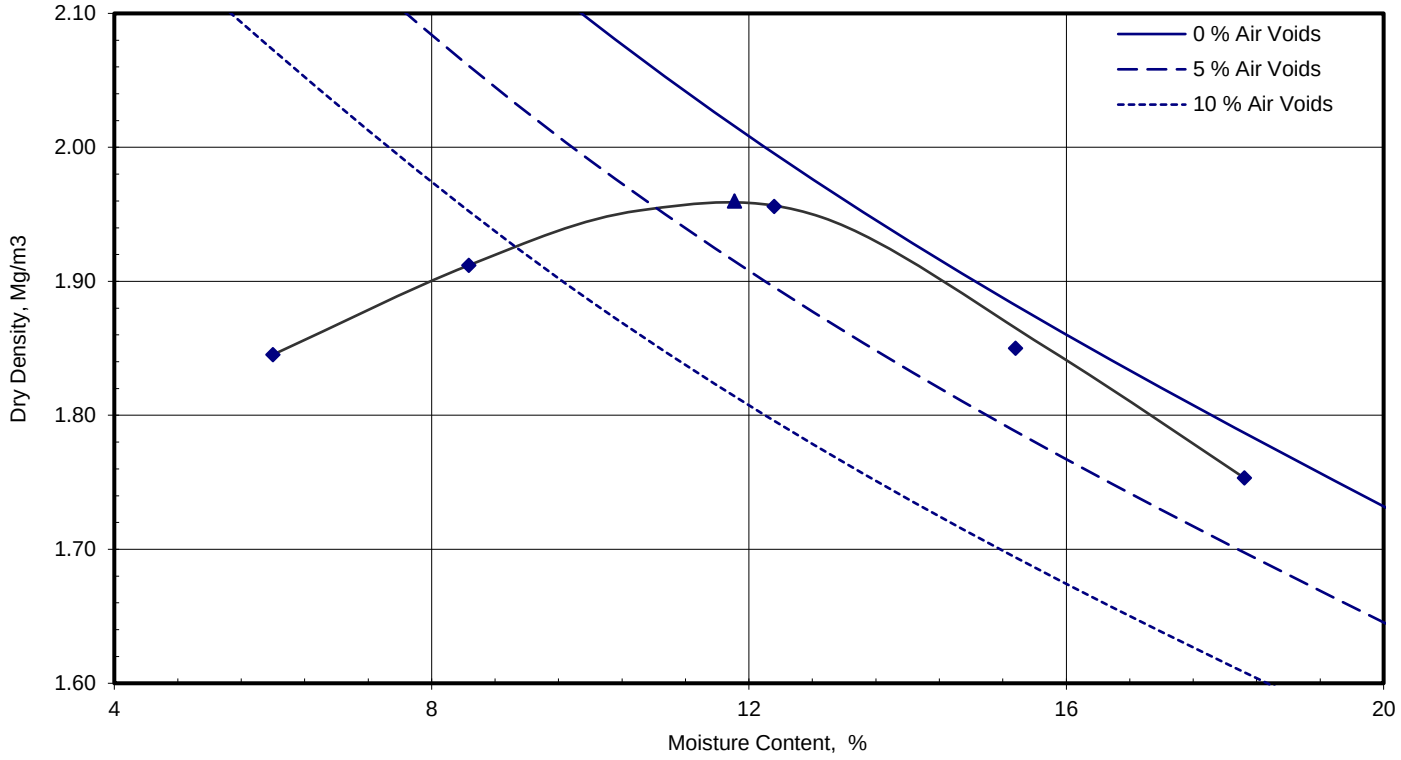
4041

| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 29/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047603 | Depth Top [m]: | 0.50 |
| Hole No.: | TP102 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Yellowish brown slightly gravelly CLAY | | |
| Sample Preparation: | Sample was quartered and broken down by hand. Material used was natural. | | |




| Compaction Point No. | | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| Moisture Content | % | 6.0 | 8.5 | 12 | 15 | 18 |
| Dry Density | Mg/m³ | 1.85 | 1.91 | 1.96 | 1.85 | 1.75 |

| | | |
|---|---|---|
| Mould Type | | CBR |
| Samples Used | | Single sample tested |
| Material Retained on 37.5 mm Sieve | % | 0 |
| Material Retained on 20.0 mm Sieve | % | 2 |
| Particle Density - Assumed | Mg/m³ | 2.65 |
| As received Moisture Content | % | 18 |
| **Maximum Dry Density** | Mg/m³ | **1.96** |

| | | |
|---|---|---|
| **Optimum Moisture Content** | % | **12** |

Note: Tested in Accordance with BS 1377-4: 1990: Clause 3.4 using 2.5kg [light] Rammer

Remarks:

**Signed:** Katarzyna Koziel

Katarzyna Koziel
Technical Reviewer
**for and on behalf of i2 Analytical Ltd**

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**Date Reported:** 02/11/2021

**GF 109.21**

# TEST CERTIFICATE

**Dry Density / Moisture Content**

**Relationship Light Compaction**

Tested in Accordance with:
BS 1377-4: 1990

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

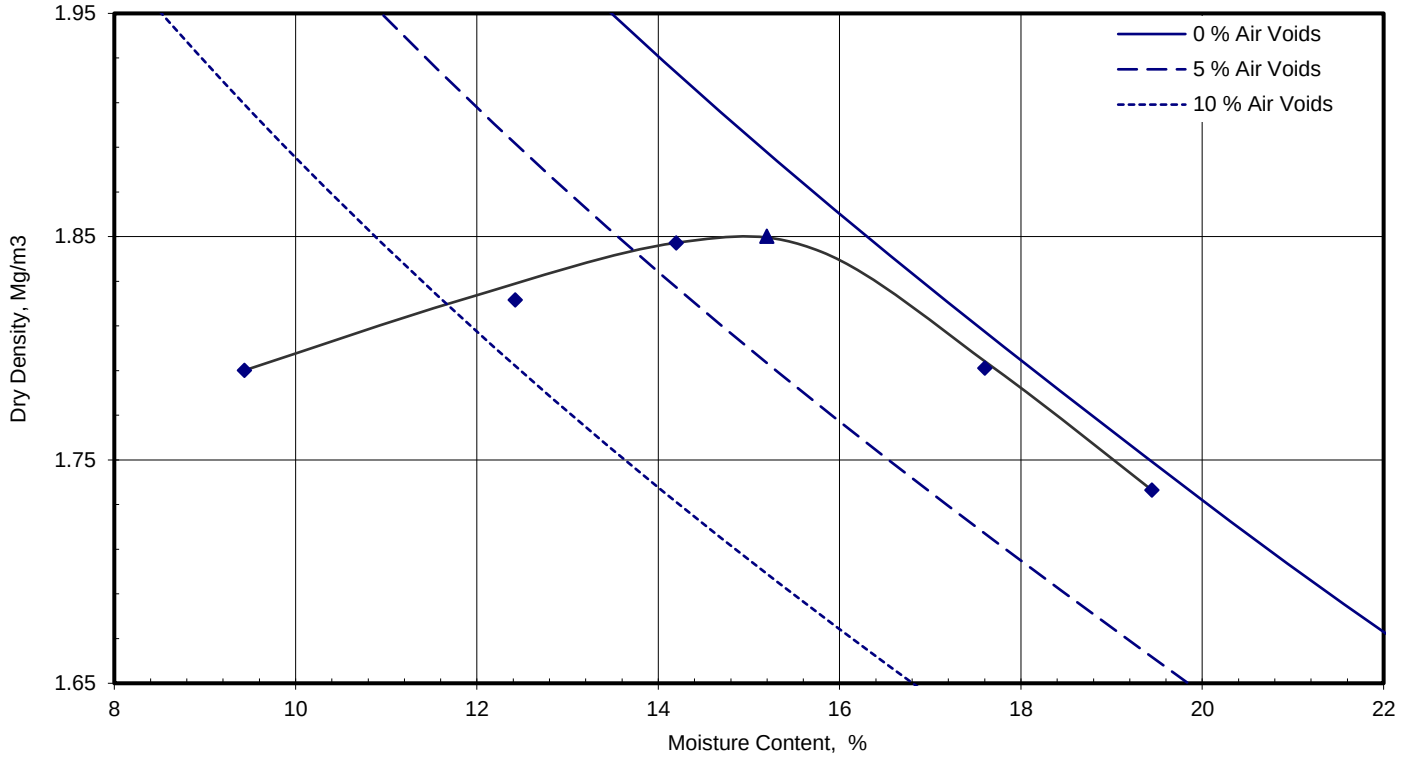
4041

| | | | |
|---|---|---|---|
| Client: | Enzygo Geoenvironmental Ltd | Client Reference: | MAN 1668 019 |
| Client Address: | | Job Number: | 21-16487 |
| | Ducie House, Ducie Street,, M1 2JW | Date Sampled: | 01/11/2021 |
| | | Date Received: | 12/10/2021 |
| Contact: | Nigel Ramsumair | Date Tested: | 29/10/2021 |
| Site Address: | Hook Lane | Sampled By: | Not Given |

*Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland*

**Test Results:**

| | | | |
|---|---|---|---|
| Laboratory Reference: | 2047604 | Depth Top [m]: | 0.50 |
| Hole No.: | TP127 | Depth Base [m]: | Not Given |
| Sample Reference: | Not Given | Sample Type: | B |
| Sample Description: | Light brown CLAY | | |
| Sample Preparation: | Sample was quartered and broken down by hand. Material used was natural. | | |




| Compaction Point No. | | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| Moisture Content | % | 9.4 | 12 | 14 | 18 | 19 |
| Dry Density | Mg/m³ | 1.79 | 1.82 | 1.85 | 1.79 | 1.74 |

| | | |
|---|---|---|
| Mould Type | | 1 Litre |
| Samples Used | | Single sample tested |
| Material Retained on 37.5 mm Sieve | % | 0 |
| Material Retained on 20.0 mm Sieve | % | 0 |
| Particle Density - Assumed | Mg/m³ | 2.65 |
| As received Moisture Content | % | 19 |
| **Maximum Dry Density** | Mg/m³ | **1.85** |

| | | |
|---|---|---|
| **Optimum Moisture Content** | % | **15** |

Note: Tested in Accordance with BS 1377-4: 1990: Clause 3.3 using 2.5kg [light] Rammer

Remarks:

**Signed:** Katarzyna Koziel

Katarzyna Koziel
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**for and on behalf of i2 Analytical Ltd**

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