

**IPX1081**  
**Geotechnical Investigation Report**  
**Rustington Golf Centre, Golfers Lane,**  
**Littlehampton, BN16 4NB**  
**April 25**

|            | Name            | Position                        | Signature | Date          |
|------------|-----------------|---------------------------------|-----------|---------------|
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| Reviewed   | Graham Dowlen   | Principal Engineering Geologist |           | 11 April 2025 |
| Authorised | Richard Addison | Managing Director               |           | 11 April 2025 |

| Issue | Date             | Description    | Prepared | Reviewed | Authorised |
|-------|------------------|----------------|----------|----------|------------|
| 00    | 20 February 2025 | Interim Report | JR       | GD       | RA         |
| 01    | 11 April 2025    | Final Report   | JR       | GD       | RA         |

## Contents

|                                                   |                                 |
|---------------------------------------------------|---------------------------------|
| <b>Executive Summary .....</b>                    | <b>3</b>                        |
| <b>Introduction .....</b>                         | <b>5</b>                        |
| <b>Physical Setting .....</b>                     | <b>6</b>                        |
| Geology .....                                     | 6                               |
| Radon.....                                        | 6                               |
| Mining .....                                      | 6                               |
| Unexploded Ordnance (UXO) .....                   | 6                               |
| <b>Site Investigation.....</b>                    | <b>7</b>                        |
| <b>Geology and Groundwater Conditions .....</b>   | <b>8</b>                        |
| Ground Conditions .....                           | 8                               |
| Groundwater .....                                 | 8                               |
| Visual and Olfactory Observations .....           | 8                               |
| <b>Geotechnical Laboratory Testing .....</b>      | <b>9</b>                        |
| Moisture Content and Plasticity Index .....       | 9                               |
| <b>Foundation Recommendations .....</b>           | <b>10</b>                       |
| Conventional Shallow Spread/Raft Foundations..... | 10                              |
| Tree Influence .....                              | 10                              |
| Excavations .....                                 | 11                              |
| <b>Infiltration Testing.....</b>                  | <b>12</b>                       |
| Conclusion .....                                  | 12                              |
| <b>Groundwater Monitoring .....</b>               | <b>13</b>                       |
| Results .....                                     | 13                              |
| <b>Notes and Limitations.....</b>                 | <b>14</b>                       |
| Limitations and Uncertainties .....               | 14                              |
| <br>Appendix A                                    | <br>Proposed Development Plans  |
| Appendix B                                        | Site Investigation Plan         |
| Appendix C                                        | Borehole and Trial Pit Logs     |
| Appendix D                                        | Geotechnical Laboratory Results |
| Appendix E                                        | Site Photographs                |
| Appendix F                                        | Soil Infiltration Test Results  |
| Appendix G                                        | Groundwater Monitoring Results  |

## Executive Summary

The below table shows a snapshot of the geotechnical recommendations for the proposed development. It is advised that the report is read in its entirety to gain a better understanding of our findings.

### Further Works Required

- Additional soakaway testing in the underlying Chalk bedrock.
- Detailed foundation design.
- Confirmation of recommendations with Local Authority.

The site is currently occupied by the Rustington Golf Centre with associated car park, main buildings and driving range. The site is surrounded by the golf course to the north, residential properties to the east, fields, the A259 and commercial properties to the south, and fields and the A259 to the west.

The site is overlain by topsoil to 0.20m bgl overlying probable weathered bedrock deposits in the form of sandy gravelly Clay overlying Chalk bedrock. Groundwater was encountered in WS01 at 4.00m bgl during the investigation. It should be noted that groundwater levels are dependent upon seasonal variations and can change after periods of prolonged rainfall or drought.

No visual and/or olfactory evidence of potential contamination was noted within any of the soils encountered during the investigation.

Foundations will need to be taken down below any Made Ground deposits to place footings within the underlying naturally occurring superficial probable Head deposits.

On the basis of the ground conditions exposed within the trial pits and borehole it is considered that foundations constructed within the naturally occurring deposits may be based on the following:

| Foundation Type                                   | Spread Foundations (m)                                                                                                                            |      |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Foundation Width                                  | 0.60                                                                                                                                              | 1.00 |
| Foundation Depth<br>(below finished levels)       | 0.75m outside the influence zones of trees, depth of foundations within influencing distance of trees to be in accordance with the NHBC Standards |      |
| Allowable increase in stress (kN/m <sup>2</sup> ) | 60                                                                                                                                                | 100  |

The allowable increase in stress given above assumes a factor of safety against general shear failure of 3.

The soakage rates obtained during the investigation were found to be poor, and it is considered that the use of soakaways within the shallow Clay strata is not suitable. Additional deeper testing within the underlying Chalk bedrock from 3.00m bgl is recommended to ascertain infiltration rates for an alternative deeper soakaway design.

IPX1081

Rustington Golf Centre, Golfers Lane, Littlehampton, BN16 4NB

April 25



The highest groundwater level encountered across the monitoring period was 3.9293m bgl on the 25<sup>th</sup> February at 5:00pm, while the lowest groundwater level encountered was 4.3032m bgl encountered on the 8<sup>th</sup> April at 9:00pm.

# Introduction

iPlant have been instructed by GTA Civils and Transport on behalf of Rustington Golf Centre to undertake a Geotechnical Investigation (GI) at a site at Rustington Golf Centre in Littlehampton. This report has been prepared in accordance with BS 5930:2015+A1:2020 Code of Practice for Site Investigations.

|                           |                |
|---------------------------|----------------|
| <b>Grid Reference</b>     | 505430, 103558 |
| <b>Size of Study Site</b> | 0.33 Ha        |
| <b>Topography</b>         | 6m AOD         |

The scope of works included one (1no.) dynamic sampling borehole to 5.00m bgl and two (2no.) trial pits to 1.50m bgl with subsequent infiltration testing. Additionally, sub-sampling of materials for geotechnical analysis was carried out, and a monitoring standpipe was installed in the borehole for groundwater monitoring.

The current proposed development plans comprise:

- The construction of a new retail unit and an extension to the driving range in the south of the site adjacent to the existing buildings and car park.

The proposed development plans for the site can be reviewed within Appendix A.

## Physical Setting

The site is currently occupied by the Rustington Golf Centre with associated car park, main buildings and driving range. The proposed development comprises an extension to the existing driving range in the west, and an additional retail building in the east. The site is surrounded by the golf course to the north, residential properties to the east, fields, the A259 and commercial properties to the south, and fields and the A259 to the west.

## Geology

The relevant British Geological Survey (BGS) GeoIndex Onshore online mapping information indicates the site is underlain by the New Pit Chalk Formation bedrock of the Cretaceous Period. No superficial deposits are indicated to underlie the site.

A BGS borehole log c.160m south of the site indicates topsoil to 0.40m bgl, underlain by silty sandy gravelly Clay to 1.60m bgl, underlain by Chalk to a final depth of 5.00m bgl.

## Radon

The radon potential at the site is indicated to be between 10% and 30%.

## Mining

The site is outside the coal mining reporting area as outlined by the Coal Authority (CA).

## Unexploded Ordnance (UXO)

The UXO risk at the site is low.

# Site Investigation

The following SI works were completed on the 18<sup>th</sup> February 2025 under the supervision of a Geo-Environmental Engineer from iPlant and was carried out in general accordance with BS5930:2015+A1:2020.

In summary, the investigation undertaken included:

- A survey of the site to ascertain the routes of any below ground services in close proximity to the proposed exploratory hole positions, using a CAT scan and lifting up of any manhole covers. 1.20m deep hand dug inspection pits were carried out prior to the advancement of boreholes.
- One (1no.) window sample borehole (WS01) was advanced to a depth of 5.00m bgl.
- A standpipe for groundwater monitoring was installed in WS01.
- Two (2no.) trial pits (TP01 and TP02) were excavated to a depth of 1.50m bgl.
- Soil infiltration testing was undertaken in TP01 and TP02.
- Samples were taken from WS01 for geotechnical analysis.
- Groundwater monitoring was undertaken remotely from the 19<sup>th</sup> February to the 8<sup>th</sup> April 2025.

The locations of exploratory hole positions were selected relative to the proposed development and being free of buried services whilst providing a suitable coverage of the site.

The window sample borehole was logged in accordance with BS EN ISO 14688 and 14689 with any groundwater conditions noted and representative soil samples collected.

Soil samples were taken at depths ranging between 1.00m and 3.00m bgl in natural material to support the geotechnical assessment of the site.

Geo-environmental testing was outside the scope of this investigation.

Upon completion, the borehole was installed with a monitoring well and made good to existing levels and finishes, with any surplus spoil bagged up and removed from site.

The positions of the borehole and the trial pits can be reviewed within Appendix B and the exploratory hole logs are available in Appendix C.

# Geology and Groundwater Conditions

Reference to the British Geological Survey databases indicates that the site and surrounding areas are underlain by the New Pit Chalk Formation bedrock. No superficial deposits are indicated to underlie the site.

## Ground Conditions

The following ground conditions were encountered within the boreholes during the works:

### Topsoil

Dark brown slightly gravelly sandy clayey Topsoil with constituents of chert was encountered in all exploratory holes from ground level to a depth of 0.20m bgl.

### Probable Head Deposits

Likely Head deposits in the form of brown slightly gravelly sandy Clay with constituents of chert, sandstone and chalk were encountered in all exploratory holes from a depth of 0.20m bgl to depths between 1.50m (base of the trial pits) and 3.00m bgl (as recorded within the borehole).

### New Pit Chalk Formation

Structureless Chalk composed of very gravelly sandy Clay was encountered in WS01 from a depth of 3.00m bgl to a depth of 5.00m bgl.

## Groundwater

Groundwater was encountered in WS01 at a depth of 4.00m bgl during the investigation.

It should be noted that groundwater levels are dependent upon seasonal variations and can change after periods of prolonged rainfall or drought.

## Visual and Olfactory Observations

No visual and/or olfactory evidence of contamination was identified during the investigation.

## Geotechnical Laboratory Testing

A total of 3no. soil samples were forwarded to a UKAS & MCERTS accredited geotechnical laboratory.

### Moisture Content and Plasticity Index

Three (3no.) samples of the soils encountered beneath the site have been subjected to moisture content and plasticity index testing. The results are summarised in the table below:

| Exploratory Hole | Depth (m bgl) | Modified PI | Volume Change Potential | Desiccated |
|------------------|---------------|-------------|-------------------------|------------|
| WS01             | 1.00          | 17.00%      | Low                     | No         |
| WS01             | 2.00          | 19.00%      | Low                     | No         |
| WS01             | 3.00          | 2.20%       | Low                     | No         |

All geotechnical laboratory certificates can be reviewed within Appendix D.

## Foundation Recommendations

The site is surfaced by Topsoil to a depth of 0.20m bgl overlying naturally occurring cohesive superficial probable Head deposits to a depth of 3.00m bgl, underlain by New Pit Chalk Formation bedrock to a final depth of 5.00m bgl.

Groundwater was encountered in WS01 at a depth of 4.00m bgl during the investigation. It should be noted that groundwater levels are dependent upon seasonal variations and can change after periods of prolonged rainfall or drought.

Foundations will need to be taken down below any Made Ground deposits to place footings within the underlying naturally occurring superficial probable Head deposits.

### Conventional Shallow Spread/Raft Foundations

On the basis of the above, foundations constructed within the naturally occurring deposits may be based on the following:

| <i>Foundation Type</i>                            | <i>Spread Foundations (m)</i>                                                                                                                     |      |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Foundation Width                                  | 0.60                                                                                                                                              | 1.00 |
| Foundation Depth<br>(below finished levels)       | 0.75m outside the influence zones of trees, depth of foundations within influencing distance of trees to be in accordance with the NHBC Standards |      |
| Allowable increase in stress (kN/m <sup>2</sup> ) | 60                                                                                                                                                | 100  |

The allowable increase in stress given above assumes a factor of safety against general shear failure of 3.

Should any very loose, cohesive, or weak material be encountered, they should be locally removed and replaced with lean-mix concrete or compacted granular soil. In addition, if the excavations are required to stand open for any period, then a blinding layer of lean-mix concrete should be placed in the excavation bases. This will reduce loosening of the sub-grade due to the ingress of surface water.

### Tree Influence

Semi-mature to mature trees are located along the southern site boundary and to the west of the site. Foundation excavations will encounter cohesive strata in the vicinity of existing, proposed, or recently removed trees and foundations should be adjusted in full accordance with NHBC Chapter 4.2 *Building Near Trees*.

All foundations should be deepened below roots of greater than 5mm diameter during excavations for footings. The superficial Clay soils beneath the site are of a low volume change potential.

A survey of all trees and hedges on the site and within 30m of the site boundary should be undertaken to identify tree species, locations and heights. This information will be required in order to assess the effects of trees on the cohesive strata.

Where foundation depths due to trees already present or recently removed exceeds 1.5m there is a possibility for heave to occur on removal of the tree. Appropriate guidance states that in areas where volume change potential is low, the following void or void former dimensions should be provided:

- Against the side of foundations and ground beams – 0mm
- Beneath ground beams and suspended in-situ concrete ground floor – 50mm

## Excavations

Should any very loose, cohesive, or weak material be encountered they should be locally removed and replaced with lean-mix concrete or compacted granular soil.

If the excavations are required to stand open for any period, then a blinding layer of lean-mix concrete should be placed in the excavation bases. This will reduce loosening of the sub-grade due to the ingress of surface water.

No groundwater was encountered within the borehole during the period of time that it remained open. Subsequent monitoring of the standpipe installed within the borehole indicated standing groundwater levels between 3.93m and 4.30m bgl. Groundwater levels are also subject to seasonal variation or changes in local drainage conditions.

Groundwater is unlikely to represent a particular problem to the construction. However, it should be recognized that minor water ingress such as surface water inflow during inclement weather might combine in any long trench excavations to create a significant volume of water, which may cause local problems during construction.

Any minor groundwater seepages or significant standing water within excavations may be removed by de-watering from sumps. Advice on groundwater control is given in CIRIA Report No 515 – Groundwater Control Design and Practice.

The stability of the excavation faces cannot be guaranteed particularly due to the likely presence of fissuring within the clay superficial deposits which could be prone to rapid unpredictable collapse and therefore temporary support to the excavation faces will become necessary. Under no circumstances should operatives be allowed to enter unsupported excavations.

Consideration should be given to installing trench support/shoring or battering to maintain excavation stability during foundation construction/services installation, given the presence of natural likely fissured clay superficial soils. Due to the potential for unpredictable collapse, excavations requiring man entry should be either battered back to a safe angle or adequately shored to provide safe working conditions within excavations. Advice on excavation support is given in CIRIA Report No 97 – Trenching Practice.

Where trench support/shoring is utilised an appropriately qualified and experienced engineer should design the support system. The shoring/support will require regular inspection in accordance with published guidelines to ensure that the support/shoring is adequate for the ground conditions present.

## Infiltration Testing

During the soakaway tests the water failed to achieve a fall from 75% to 25% of the effective depth of the storage volume in both pits. The results obtained from the soakaway tests are summarised below:

| TP and Test Number | Dimensions (m) | Depth (m) | Infiltration Rate (m/sec) | Drainage Characteristics |
|--------------------|----------------|-----------|---------------------------|--------------------------|
| TP01 Test 1        | 2.0 x 0.4      | 1.50      | N/A                       | Poor                     |
| TP01 Test 2        | 2.0 x 0.4      | 1.50      | N/A                       | Poor                     |
| TP01 Test 3        | 2.0 x 0.4      | 1.50      | N/A                       | Poor                     |
| TP02 Test 1        | 2.0 x 0.4      | 1.50      | N/A                       | Poor                     |
| TP02 Test 2        | 2.0 x 0.4      | 1.50      | N/A                       | Poor                     |
| TP02 Test 3        | 2.0 x 0.4      | 1.50      | N/A                       | Poor                     |

## Conclusion

The soils encountered beneath the site at shallow depth were found to be gravelly sandy Clay. The soakage rates obtained during the investigation were found to be poor. Given the data from the tests no infiltration rate could be calculated, it is considered that the use of soakaways within the shallow Clay strata is not suitable.

Additional deeper testing within the underlying Chalk bedrock from 3.00m bgl is recommended to ascertain infiltration rates for an alternative deeper soakaway design.

The detailed soil infiltration test results can be reviewed within Appendix F.

## Groundwater Monitoring

A standpipe was installed within WS01 to allow groundwater monitoring to be undertaken.

Groundwater monitoring of the installed monitoring point was completed remotely over a period of 6 weeks. Groundwater was encountered in WS01 during the investigation at a depth of 4.00m bgl within the Chalk bedrock.

### Results

The highest groundwater level encountered across the monitoring period was 3.9293m bgl on the 25<sup>th</sup> February at 5:00pm, while the lowest groundwater level encountered was 4.3032m bgl encountered on the 8<sup>th</sup> April at 9:00pm. Therefore, it can be asserted the groundwater table is consistently within the encountered Chalk bedrock strata.

The monitoring well response zone was installed within natural cohesive and granular strata from 1.00m bgl to a depth of 5.00m bgl.

The full set of monitoring results, along with a logarithmic graph showing depth submerged (m bgl) and temperature (°C), can be viewed in Appendix G.

## Notes and Limitations

iPlant take no responsibility for conditions which have not been revealed by the boreholes, or which occur between boreholes. Whilst every effort has been made to interpret the conditions between investigation locations, such information is only indicative, and liability cannot be accepted for its accuracy.

The information contained in this report is intended for the use of the named client (or their approved contractors). Should a third party rely on any part of this report, that party does so wholly at its own risk and iPlant disclaim any liability to such parties. Should the purposes for which the report is used, or the proposed use of the site change, this report may no longer be valid and further use of reliance upon the report in those circumstances shall be at the client's sole and own risk. The passage of time may result in changes in site conditions, regulatory or other legal provisions, technology or economic conditions which could render the report inaccurate or unreliable. iPlant should in all such altered circumstances be commissioned to review and update this report accordingly.

iPlant take no responsibility for any construction design, foundation design, final design and structural plans that the customer chooses to carry out or implement. iPlant provide a factual report based on the information we find and our opinions/interpretation of the data.

iPlant have not been instructed to carry out a Euro Code (7) design or global slope stability assessment.

The site works carried out are a snapshot in time and environmental/other factors can alter ground conditions in which iPlant take no responsibility for. It is down to the customer to ascertain if further investigations are required if a long period of time passes between report and implementation.

## Limitations and Uncertainties

iPlant have prepared this report with all reasonable skill, care and diligence. The work undertaken to provide the basis of this report comprised a study of available documented information from a variety of sources.

The opinions given in this report have been dictated by the finite data on which are they based and are relevant only to the purpose for which the report was commissioned.

Information reviewed should not be considered exhaustive and has accepted in good faith as providing true and representative data with respect to site conditions. Should additional information become available which may influence the opinion expressed in this report, iPlant reserves the right to review such information and, if warranted, to alter the opinions accordingly.

It should be noted that any risks identified in this report are perceived risks based on the information reviewed.

The recommendations contained in this report represent our professional opinions. These opinions were arrived at in accordance with currently accepted industry practices at this time and as such are not a guarantee that the study site is free of hazardous conditions.

IPX1081

Rustington Golf Centre, Golfers Lane, Littlehampton, BN16 4NB

April 25



This report has been prepared solely for the use of the named client and may not be relied upon by other parties without written consent from iPlant. iPlant disclaim any responsibility to the client and others in respect of any matters outside the agreed scope of the work.

## Appendix A – Proposed Development Plans

## NOTES

- [illegible]

The horizontal and vertical control of this survey is based on Ordnance Survey grid as translated from GPS coordinates using the OSTN02 and OSGM02 transformation as supplied by OS. This scale factor takes into account the curvatures of the earth. The scale factor applied in this drawing is 0.99936.

To return the drawing to a 1:1 scale factor the data should be scaled up accordingly. We have not applied a reverse scale factor to maintain true ground distances. Vertical values may differ from existing OS benchmarks in the vicinity which should be disregarded. All levels should be taken from Corner Studio Ltd survey stations.

| REV | DATE | BY | AMENDMEN |
|-----|------|----|----------|
|-----|------|----|----------|

# SURVEY



THE DESIGN STUDIO  
94 HIGH STREET, STEYNING  
WEST SUSSEX BN44 3RD

TEL: (01903) 868645  
FAX: (01903) 816496  
contact@cornerstudio.co.uk  
www.cornerstudio.co.uk

CLIENT  
Rustington Golf Course

Rustington Golf Course  
Golfers Lane  
Angmering  
BN16 4NB

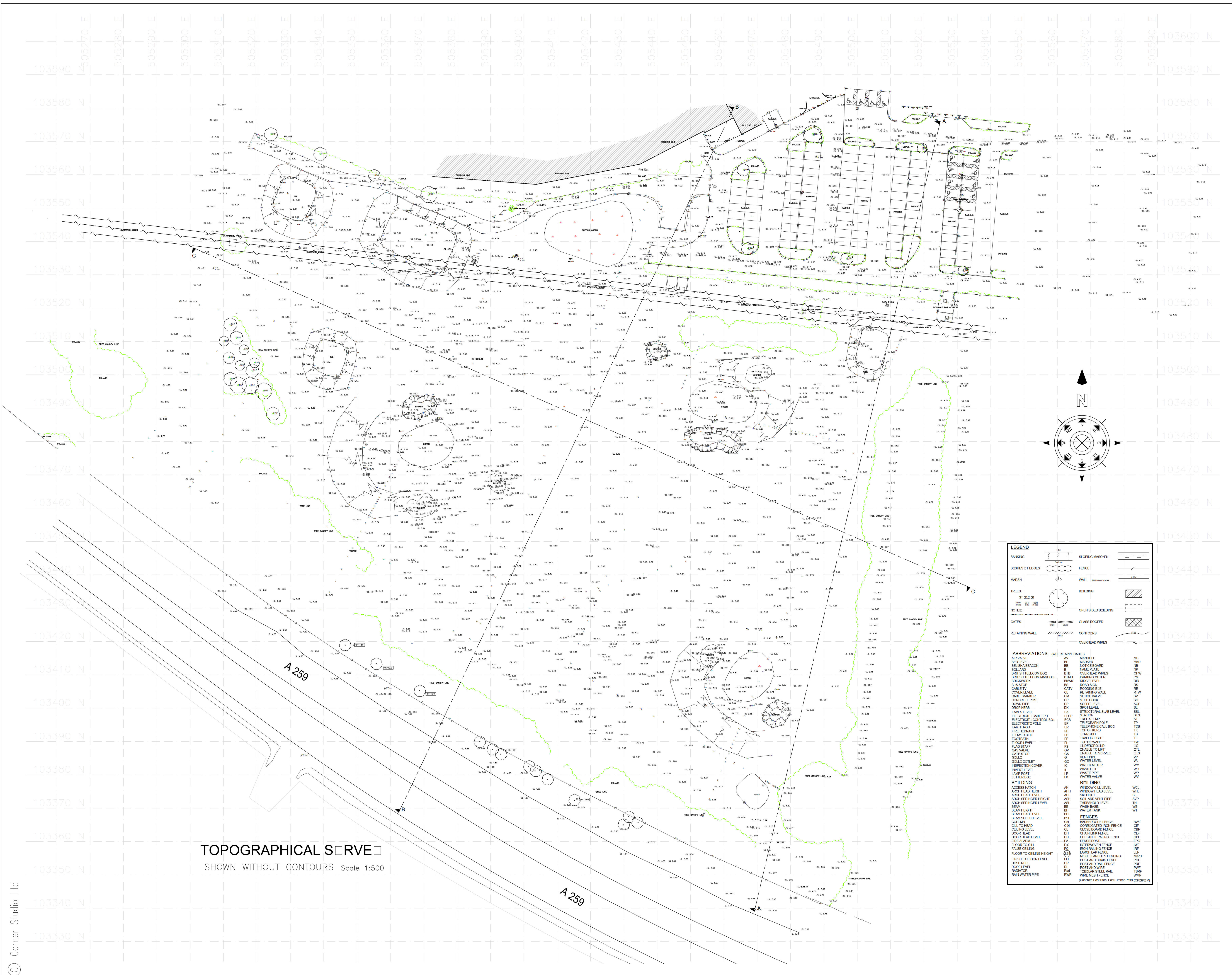
DRAWING TITLE

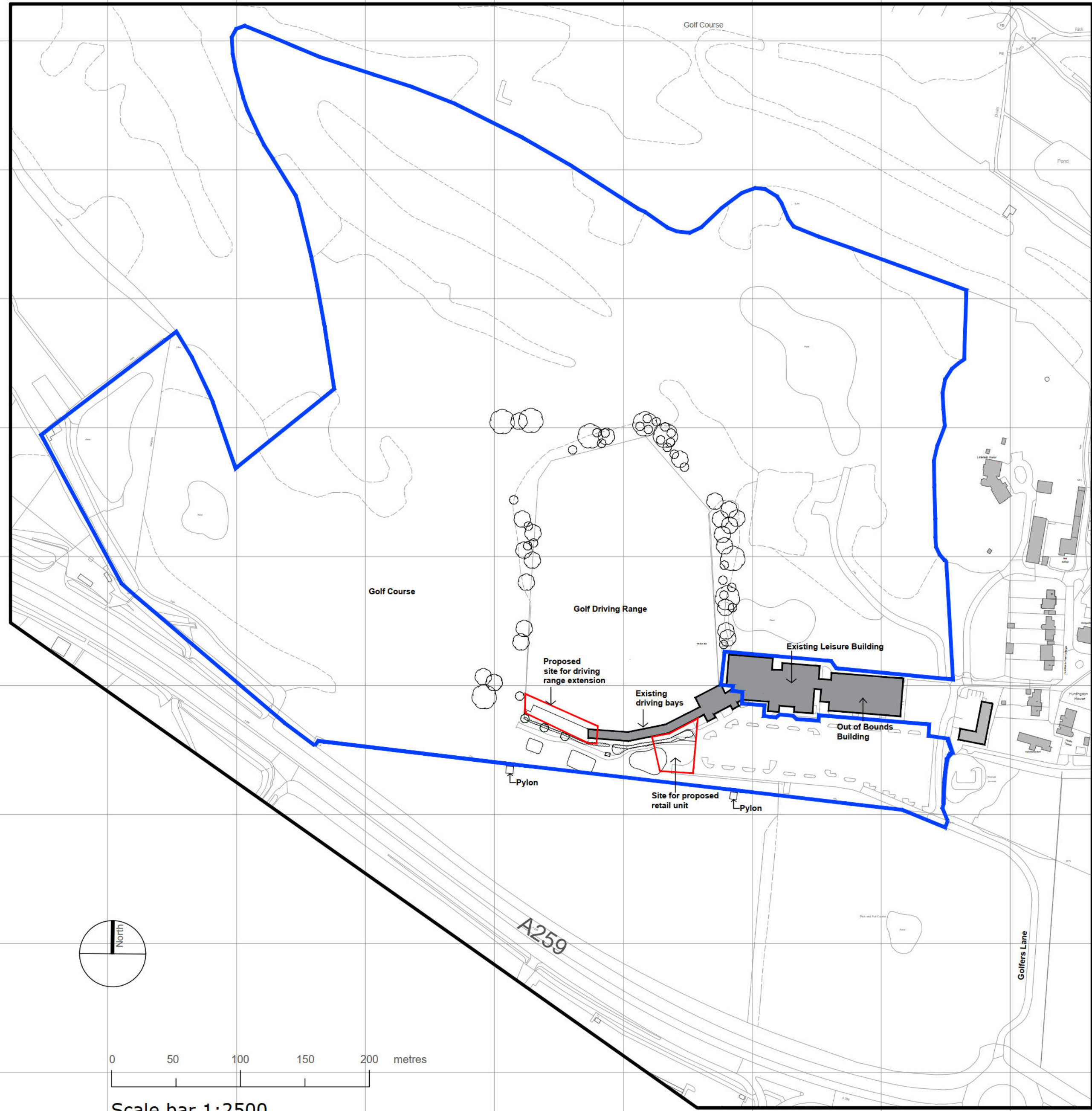
Topographical Survey  
of Academy Course &  
Car Park with Contours

|          |                 |            |
|----------|-----------------|------------|
| DATE     | SCALE--A1 SHEET | DRAWN BY R |
| 29.06.15 | 1:500           | CHECKED R  |

|                    |                       |          |
|--------------------|-----------------------|----------|
| JOB NO.<br>CS00586 | DRAWING NO.<br>AC1.01 | REVISION |
|--------------------|-----------------------|----------|







Scale bar 1:2500

**Brian Heap**  
Architectural Consultant  
2 Hamilton Close  
Powick  
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Project  
**Rustington Golf Centre**  
Proposed extension to  
driving range and new  
retail unit

Title  
**Location Plan**

|       |         |         |              |
|-------|---------|---------|--------------|
| Date  | July 24 | Scale   | 1:2500@A2    |
| Drawn | BH/SM   | Dwg no. | 24-20157-AE1 |
|       |         | Rev     |              |

IPX1081

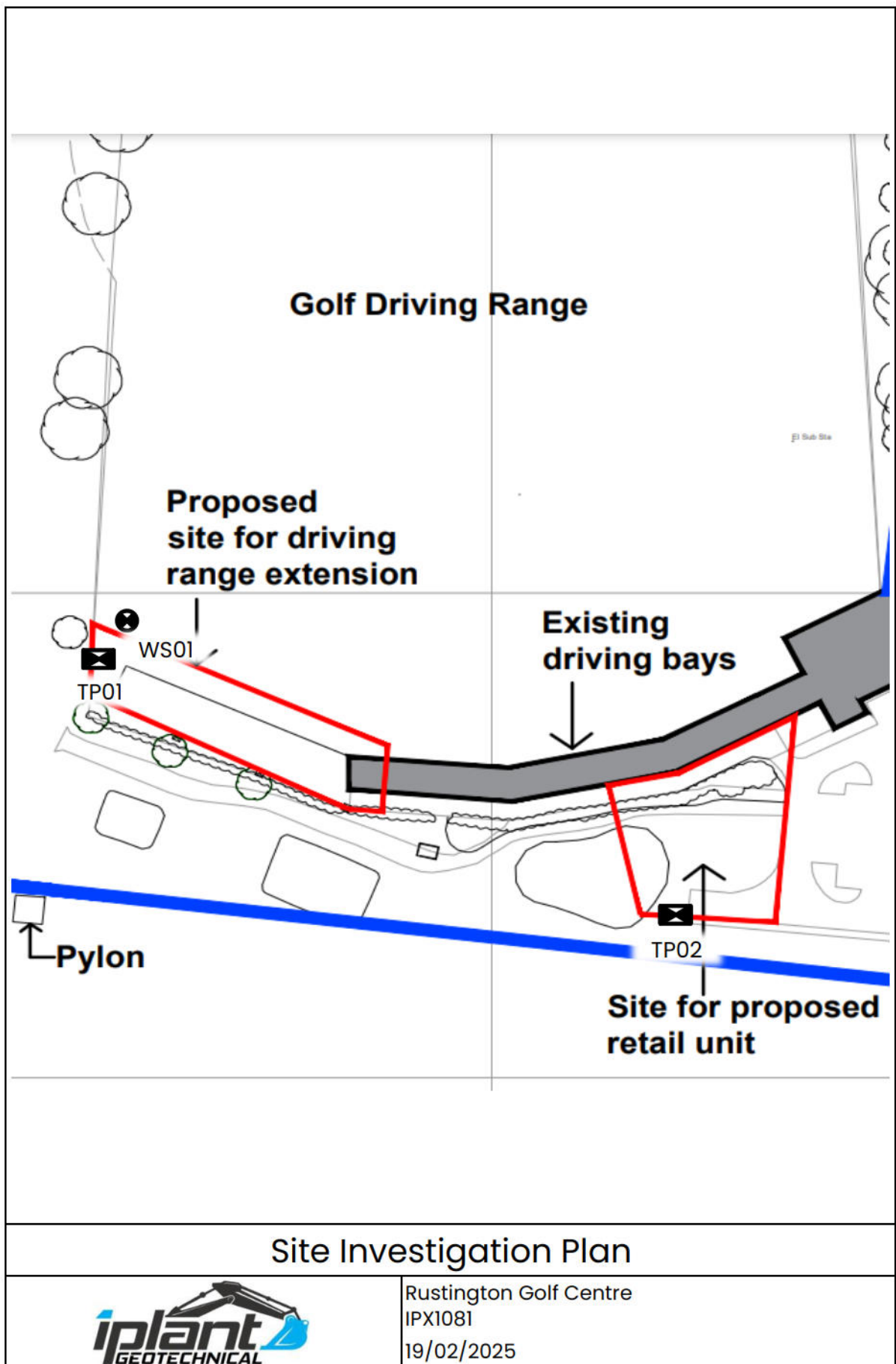
Rustington Golf Centre, Golfers Way, Littlehampton, BN16 4NB

April 25



## Appendix B – Site Investigation Plan





IPX1081

Rustington Golf Centre, Golfers Way, Littlehampton, BN16 4NB

April 25



## Appendix C – Borehole and Trial Pit Logs





# Trial Pit Log

Trial Pit No  
TP01  
Sheet 1 of 1

Project Name: Rustington Golf Centre

Project No.  
IPX1081

Co-ords: -  
Level:

Date  
18/02/2025

Location: Littlehampton

Dimensions (m): 2.00

Depth  
1.50

0.40

Scale  
1:25

Logged  
JR

Client: GTA Civils and Transport

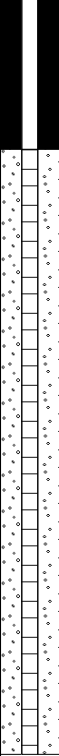
| Water<br>Strike | Samples & In Situ Testing |      |         | Depth<br>(m) | Level<br>(m) | Legend | Stratum Description                                                                                                                                  |  |
|-----------------|---------------------------|------|---------|--------------|--------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                 | Depth                     | Type | Results |              |              |        |                                                                                                                                                      |  |
|                 |                           |      |         | 0.20         |              |        | Dark brown slightly gravelly sandy clayey TOPSOIL. Gravel is angular to subangular fine of chert. Sand is fine to medium. Frequent rootlets present. |  |
|                 |                           |      |         | 1.50         |              |        | Firm brown slightly gravelly sandy CLAY. Gravel is angular to subrounded fine to medium of chert, sandstone and chalk. Sand is fine to coarse.       |  |
|                 |                           |      |         |              |              |        | End of Pit at 1.50m                                                                                                                                  |  |

Remarks: Location cleared with handheld CAT scanner. No groundwater encountered. Soil infiltration test carried out.

Stability: Stable





|                                                                                                                            |                                                                                     |                            |      | <h1>Borehole Log</h1>  |           |                 | Borehole No.<br><b>WS01</b><br>Sheet 1 of 1                                         |                                                                                                                                                           |                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|------|------------------------|-----------|-----------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Project Name: Rustington Golf Centre                                                                                                                                                                       |                                                                                     |                            |      | Project No.<br>IPX1081 |           | Co-ords:        |                                                                                     | Hole Type<br>WS                                                                                                                                           |                                                                                       |
| Location: Littlehampton                                                                                                                                                                                    |                                                                                     |                            |      | Level:                 |           | Scale<br>1:50   |                                                                                     |                                                                                                                                                           |                                                                                       |
| Client: GTA Civils and Transport                                                                                                                                                                           |                                                                                     |                            |      | Dates: 18/02/2025      |           | Logged By<br>JR |                                                                                     |                                                                                                                                                           |                                                                                       |
| Well                                                                                                                                                                                                       | Water Strikes                                                                       | Sample and In Situ Testing |      |                        | Depth (m) | Level (m)       | Legend                                                                              | Stratum Description                                                                                                                                       |                                                                                       |
|                                                                                                                                                                                                            |                                                                                     | Depth (m)                  | Type | Results                |           |                 |                                                                                     |                                                                                                                                                           |                                                                                       |
|                                                                                                                          |  | 0.20                       |      |                        | 0.20      |                 |    | Dark brown slightly gravelly sandy clayey TOPSOIL. Gravel is angular to subangular fine of chert. Sand is fine to medium. Frequent rootlets present.      | 1                                                                                     |
|                                                                                                                                                                                                            |                                                                                     | 1.00                       | D    |                        |           |                 |    | Firm brown slightly gravelly sandy CLAY. Gravel is angular to subrounded fine to medium of chert, sandstone and chalk. Sand is fine to coarse.            | 2                                                                                     |
|                                                                                                                                                                                                            |                                                                                     | 2.00                       | D    |                        |           |                 |    |                                                                                                                                                           | 3                                                                                     |
|                                                                                                                                                                                                            |                                                                                     | 3.00                       | D    |                        | 3.00      |                 |    | Structureless CHALK composed of very gravelly sandy CLAY. Clasts are very weak, medium density, white mottled brown. Matrix is creamish brown (Grade Dm). | 4                                                                                     |
|                                                                                                                                                                                                            |                                                                                     |                            |      |                        | 5.00      |                 |  | End of Borehole at 5.00m                                                                                                                                  | 5                                                                                     |
|                                                                                                                                                                                                            |                                                                                     |                            |      |                        |           |                 |                                                                                     |                                                                                                                                                           | 6                                                                                     |
|                                                                                                                                                                                                            |                                                                                     |                            |      |                        |           |                 |                                                                                     |                                                                                                                                                           | 7                                                                                     |
|                                                                                                                                                                                                            |                                                                                     |                            |      |                        |           |                 |                                                                                     |                                                                                                                                                           | 8                                                                                     |
|                                                                                                                                                                                                            |                                                                                     |                            |      |                        |           |                 |                                                                                     |                                                                                                                                                           | 9                                                                                     |
|                                                                                                                                                                                                            |                                                                                     |                            |      |                        |           |                 |                                                                                     |                                                                                                                                                           | 10                                                                                    |
| Remarks<br>Location cleared using handheld CAT scanner. Groundwater encountered at 4.00m bgl. Monitoring standpipe installed to 5.00m bgl (1.00m plain, 4.00m slotted). Borehole backfilled with arisings. |                                                                                     |                            |      |                        |           |                 |                                                                                     |                                                                                                                                                           |  |

IPX1081

Rustington Golf Centre, Golfers Way, Littlehampton, BN16 4NB

April 25



## **Appendix D – Geotechnical Laboratory Results**



|              |                        |
|--------------|------------------------|
| Project Name | Rustington Golf Course |
|--------------|------------------------|

|                             |                                                                                     |                       |                                                           |  |                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------|--|---------------------------------------------------------------------------------------|
| <b>Key</b>                  |                                                                                     |                       | <b>Test Standards:</b>                                    |  |                                                                                       |
| Density tests:              | Atterberg:                                                                          |                       | Bulk Density Tests - BS EN ISO 17892-2:2014               |  |                                                                                       |
| Linear measurement unless : | 4pt cone unless :                                                                   | Particle density:     | Water Content - BS EN ISO 17892-1:2014+A1:2022            |  |                                                                                       |
| wd - water displacement     | cas - Casagrande method                                                             | sp - fluid pycnometer | Liquid & Plastic Limits - BS EN ISO 17892-12:2018+A2:2022 |  |                                                                                       |
| wi - immersion in water     | 1pt - single point test                                                             | gj - gas pycnometer   | Particle Density - BS EN ISO 17892-3:2015                 |  |                                                                                       |
|                             | CF - Correlation Factor                                                             |                       | Date Printed:                                             |  |  |
| w - water content           | Liquid limit test: i - increasing moisture content, d - decreasing moisture content |                       | 28/02/2025                                                |  | <b>ISO INDX</b>                                                                       |
|                             | Atterberg sample prep: n - Natural, HP - Hand Picked, w - Washed                    |                       |                                                           |  |                                                                                       |

IPX1081

Rustington Golf Centre, Golfers Way, Littlehampton, BN16 4NB

April 25



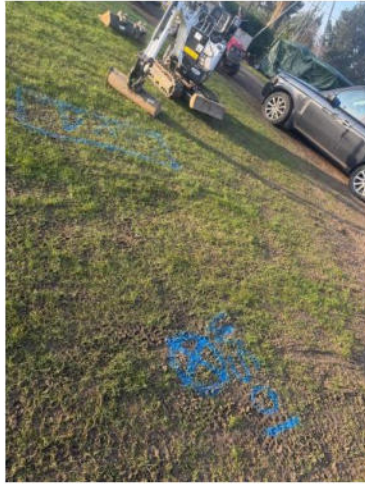
## Appendix E – Site Photographs



IPX1081

## Walkover Photos

Locations of WS01 and TP01



Chalk Bedrock from WS01



Arisings from WS01



WS01 Installed



# IPX1081

## Walkover Photos

TP01



TP01 Backfilled



Arisings from TP01



TP02



IPX1081

## Walkover Photos

Arisings from TP02



TP02 Backfilled



IPX1081

Rustington Golf Centre, Golfers Way, Littlehampton, BN16 4NB

April 25



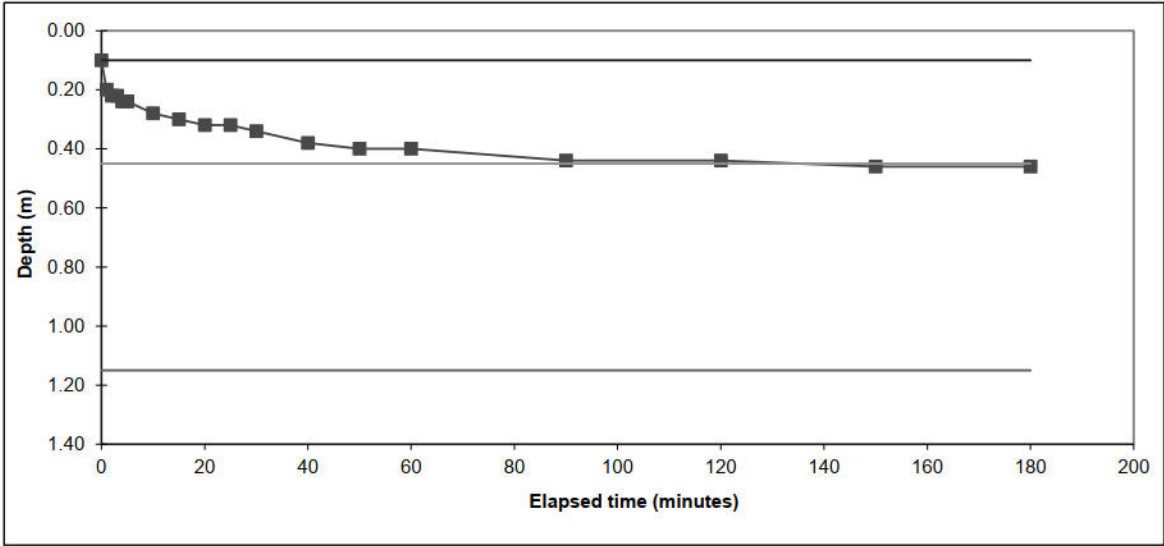
## Appendix E – Soil Infiltration Test Results



# iPlant Geotechnical

## Soakaway Test

|               |                        |                             |                        |                             |            |
|---------------|------------------------|-----------------------------|------------------------|-----------------------------|------------|
| Trial Pit No: | TP01                   | Test No:                    | 1                      | Date:                       | 18/02/2025 |
| Length (m):   | 2.000                  | Datum Height:               |                        | 0.00 m agl                  |            |
| Width (m):    | 0.40                   | Granular infill:            | None                   |                             |            |
| Depth (m):    | 1.50                   | Porosity of infill:         | 1                      | (assumed)                   |            |
|               | Elapsed time (minutes) | Water Depth (m below datum) | Elapsed time (minutes) | Water Depth (m below datum) |            |
|               | 0                      | 0.100                       | 90                     | 0.440                       |            |
|               | 1                      | 0.200                       | 120                    | 0.440                       |            |
|               | 2                      | 0.220                       | 150                    | 0.460                       |            |
|               | 3                      | 0.220                       | 180                    | 0.460                       |            |
|               | 4                      | 0.240                       |                        |                             |            |
|               | 5                      | 0.240                       |                        |                             |            |
|               | 10                     | 0.280                       |                        |                             |            |
|               | 15                     | 0.300                       |                        |                             |            |
|               | 20                     | 0.320                       |                        |                             |            |
|               | 25                     | 0.320                       |                        |                             |            |
|               | 30                     | 0.340                       |                        |                             |            |
|               | 40                     | 0.380                       |                        |                             |            |
|               | 50                     | 0.400                       |                        |                             |            |
|               | 60                     | 0.400                       |                        |                             |            |



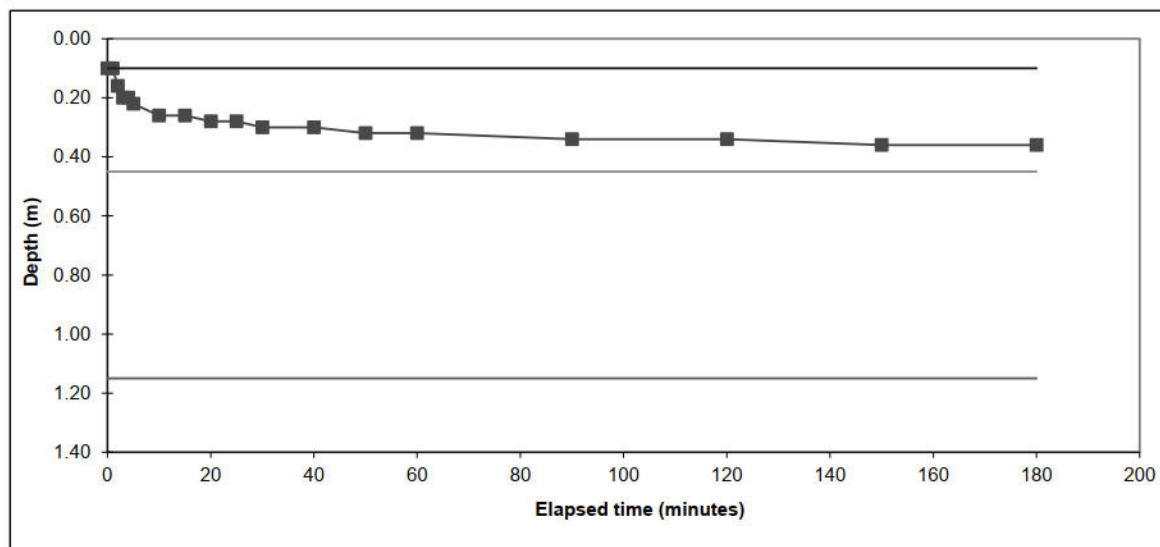
|                                                              |                                             |                                                                                                           |       |
|--------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------|
| Start water depth for analysis (mbgl)                        | 0.10                                        |                                                                                                           |       |
| 75% effective depth (mbgl):                                  | 0.45                                        | Elapsed time (mins):                                                                                      | 135.0 |
| 50% effective depth (mbgl):                                  | 0.80                                        |                                                                                                           |       |
| 25% effective depth (mbgl):                                  | 1.15                                        | Elapsed time (mins):                                                                                      | #N/A  |
| Base of soakage zone (mbgl):                                 | 1.50                                        |                                                                                                           |       |
| Volume outflow between 75% and 25% effective depth (m³):     |                                             |                                                                                                           |       |
| Mean surface area of outflow (m²):                           |                                             |                                                                                                           | 4.16  |
| (side area at 50% effective depth + base area)               |                                             |                                                                                                           |       |
| Time for outflow between 75% and 25% effective depth (mins): |                                             |                                                                                                           |       |
| Soil infiltration rate (m/s):                                |                                             | Test incomplete as 25% effective depth not achieved. Unable to reliably determine soil infiltration rate. |       |
| Remarks                                                      | Results processed following BRE 365 (2007). |                                                                                                           |       |

|         |                          |      |
|---------|--------------------------|------|
| Client: | GTA Civils and Transport |      |
| Site:   | Rustington Golf Club     | TP01 |

# iPlant Geotechnical

## Soakaway Test

| Trial Pit No: | TP01                      | Test No:                       | 2                         | Date:                          | 18/02/2025 |
|---------------|---------------------------|--------------------------------|---------------------------|--------------------------------|------------|
| Length (m):   | 2.000                     | Datum Height:                  |                           | 0.00 m agl                     |            |
| Width (m):    | 0.40                      | Granular infill:               | None                      |                                |            |
| Depth (m):    | 1.50                      | Porosity of infill:            | 1                         | (assumed)                      |            |
|               | Elapsed time<br>(minutes) | Water Depth<br>(m below datum) | Elapsed time<br>(minutes) | Water Depth<br>(m below datum) |            |
|               | 0                         | 0.100                          | 90                        | 0.340                          |            |
|               | 1                         | 0.100                          | 120                       | 0.340                          |            |
|               | 2                         | 0.160                          | 150                       | 0.360                          |            |
|               | 3                         | 0.200                          | 180                       | 0.360                          |            |
|               | 4                         | 0.200                          |                           |                                |            |
|               | 5                         | 0.220                          |                           |                                |            |
|               | 10                        | 0.260                          |                           |                                |            |
|               | 15                        | 0.260                          |                           |                                |            |
|               | 20                        | 0.280                          |                           |                                |            |
|               | 25                        | 0.280                          |                           |                                |            |
|               | 30                        | 0.300                          |                           |                                |            |
|               | 40                        | 0.300                          |                           |                                |            |
|               | 50                        | 0.320                          |                           |                                |            |
|               | 60                        | 0.320                          |                           |                                |            |



|                                                                       |                                             |                                                                                                           |      |
|-----------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------|------|
| Start water depth for analysis (mbgl)                                 | 0.10                                        |                                                                                                           |      |
| 75% effective depth (mbgl):                                           | 0.45                                        | Elapsed time (mins):                                                                                      | #N/A |
| 50% effective depth (mbgl):                                           | 0.80                                        |                                                                                                           |      |
| 25% effective depth (mbgl):                                           | 1.15                                        | Elapsed time (mins):                                                                                      | #N/A |
| Base of soakage zone (mbgl):                                          | 1.50                                        |                                                                                                           |      |
| Volume outflow between 75% and 25% effective depth (m <sup>3</sup> ): |                                             |                                                                                                           |      |
| Mean surface area of outflow (m <sup>2</sup> ):                       |                                             | 4.16                                                                                                      |      |
| (side area at 50% effective depth + base area)                        |                                             |                                                                                                           |      |
| Time for outflow between 75% and 25% effective depth (mins):          |                                             |                                                                                                           |      |
| Soil infiltration rate (m/s):                                         |                                             | Test incomplete as 25% effective depth not achieved. Unable to reliably determine soil infiltration rate. |      |
| Remarks                                                               | Results processed following BRE 365 (2007). |                                                                                                           |      |

|         |                          |      |
|---------|--------------------------|------|
| Client: | GTA Civils and Transport | TP01 |
| Site:   | Rustington Golf Club     |      |

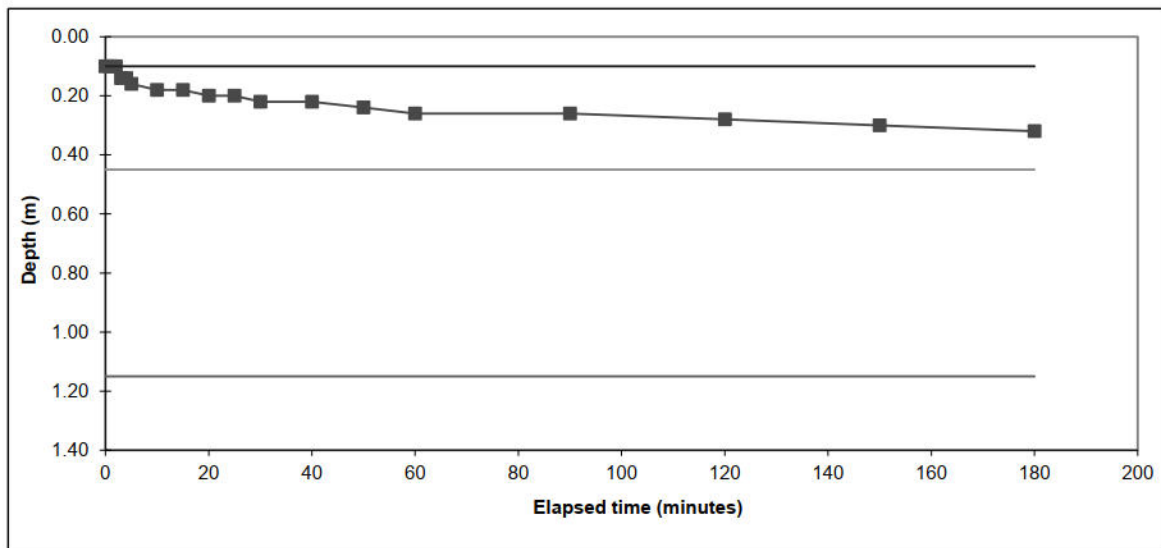
# iPlant Geotechnical

## Soakaway Test

|               |       |                     |      |            |            |
|---------------|-------|---------------------|------|------------|------------|
| Trial Pit No: | TP01  | Test No:            | 3    | Date:      | 18/02/2025 |
| Length (m):   | 2.000 | Datum Height:       |      | 0.00 m agl |            |
| Width (m):    | 0.40  | Granular infill:    | None |            |            |
| Depth (m):    | 1.50  | Porosity of infill: | 1    | (assumed)  |            |

| Elapsed time (minutes) | Water Depth (m below datum) | Elapsed time (minutes) | Water Depth (m below datum) |
|------------------------|-----------------------------|------------------------|-----------------------------|
| 0                      | 0.100                       | 90                     | 0.260                       |
| 1                      | 0.100                       | 120                    | 0.280                       |
| 2                      | 0.100                       | 150                    | 0.300                       |
| 3                      | 0.140                       | 180                    | 0.320                       |
| 4                      | 0.140                       |                        |                             |
| 5                      | 0.160                       |                        |                             |
| 10                     | 0.180                       |                        |                             |
| 15                     | 0.180                       |                        |                             |
| 20                     | 0.200                       |                        |                             |
| 25                     | 0.200                       |                        |                             |
| 30                     | 0.220                       |                        |                             |
| 40                     | 0.220                       |                        |                             |
| 50                     | 0.240                       |                        |                             |
| 60                     | 0.260                       |                        |                             |



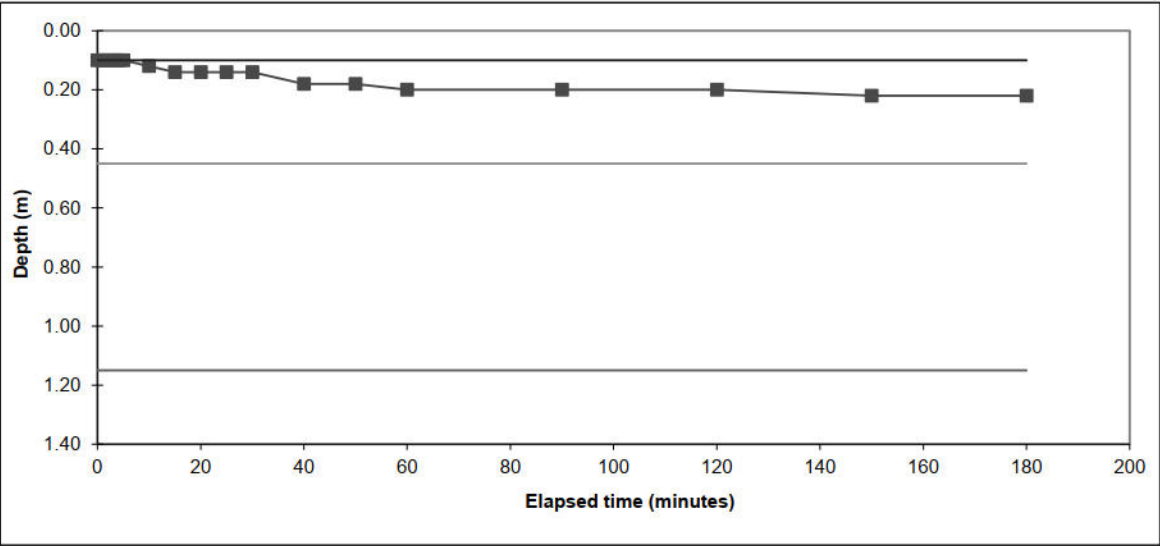
|                                                                       |      |                                                                                                           |      |
|-----------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------|------|
| Start water depth for analysis (mbgl)                                 | 0.10 |                                                                                                           |      |
| 75% effective depth (mbgl):                                           | 0.45 | Elapsed time (mins):                                                                                      | #N/A |
| 50% effective depth (mbgl):                                           | 0.80 |                                                                                                           |      |
| 25% effective depth (mbgl):                                           | 1.15 | Elapsed time (mins):                                                                                      | #N/A |
| Base of soakage zone (mbgl):                                          | 1.50 |                                                                                                           |      |
| Volume outflow between 75% and 25% effective depth (m <sup>3</sup> ): |      |                                                                                                           |      |
| Mean surface area of outflow (m <sup>2</sup> ):                       |      | 4.16                                                                                                      |      |
| (side area at 50% effective depth + base area)                        |      |                                                                                                           |      |
| Time for outflow between 75% and 25% effective depth (mins):          |      |                                                                                                           |      |
| Soil infiltration rate (m/s):                                         |      | Test incomplete as 25% effective depth not achieved. Unable to reliably determine soil infiltration rate. |      |
| Remarks                                                               |      | Results processed following BRE 365 (2007).                                                               |      |

|         |                          |      |
|---------|--------------------------|------|
| Client: | GTA Civils and Transport | TP01 |
| Site:   | Rustington Golf Club     |      |

# iPlant Geotechnical

## Soakaway Test

| Trial Pit No: | TP02                      | Test No:                       | 1                         | Date:                          | 18/02/2025 |
|---------------|---------------------------|--------------------------------|---------------------------|--------------------------------|------------|
| Length (m):   | 2.000                     | Datum Height:                  |                           | 0.00 m agl                     |            |
| Width (m):    | 0.40                      | Granular infill:               | None                      |                                |            |
| Depth (m):    | 1.50                      | Porosity of infill:            | 1                         | (assumed)                      |            |
|               | Elapsed time<br>(minutes) | Water Depth<br>(m below datum) | Elapsed time<br>(minutes) | Water Depth<br>(m below datum) |            |
|               | 0                         | 0.100                          | 90                        | 0.200                          |            |
|               | 1                         | 0.100                          | 120                       | 0.200                          |            |
|               | 2                         | 0.100                          | 150                       | 0.220                          |            |
|               | 3                         | 0.100                          | 180                       | 0.220                          |            |
|               | 4                         | 0.100                          |                           |                                |            |
|               | 5                         | 0.100                          |                           |                                |            |
|               | 10                        | 0.120                          |                           |                                |            |
|               | 15                        | 0.140                          |                           |                                |            |
|               | 20                        | 0.140                          |                           |                                |            |
|               | 25                        | 0.140                          |                           |                                |            |
|               | 30                        | 0.140                          |                           |                                |            |
|               | 40                        | 0.180                          |                           |                                |            |
|               | 50                        | 0.180                          |                           |                                |            |
|               | 60                        | 0.200                          |                           |                                |            |



|                                                              |                                             |                                                                                                           |      |
|--------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------|------|
| Start water depth for analysis (mbgl):                       | 0.10                                        |                                                                                                           |      |
| 75% effective depth (mbgl):                                  | 0.45                                        | Elapsed time (mins):                                                                                      | #N/A |
| 50% effective depth (mbgl):                                  | 0.80                                        |                                                                                                           |      |
| 25% effective depth (mbgl):                                  | 1.15                                        | Elapsed time (mins):                                                                                      | #N/A |
| Base of soakage zone (mbgl):                                 | 1.50                                        |                                                                                                           |      |
| Volume outflow between 75% and 25% effective depth (m³):     |                                             |                                                                                                           |      |
| Mean surface area of outflow (m²):                           |                                             | 4.16                                                                                                      |      |
| (side area at 50% effective depth + base area)               |                                             |                                                                                                           |      |
| Time for outflow between 75% and 25% effective depth (mins): |                                             |                                                                                                           |      |
| Soil infiltration rate (m/s):                                |                                             | Test incomplete as 25% effective depth not achieved. Unable to reliably determine soil infiltration rate. |      |
| Remarks                                                      | Results processed following BRE 365 (2007). |                                                                                                           |      |

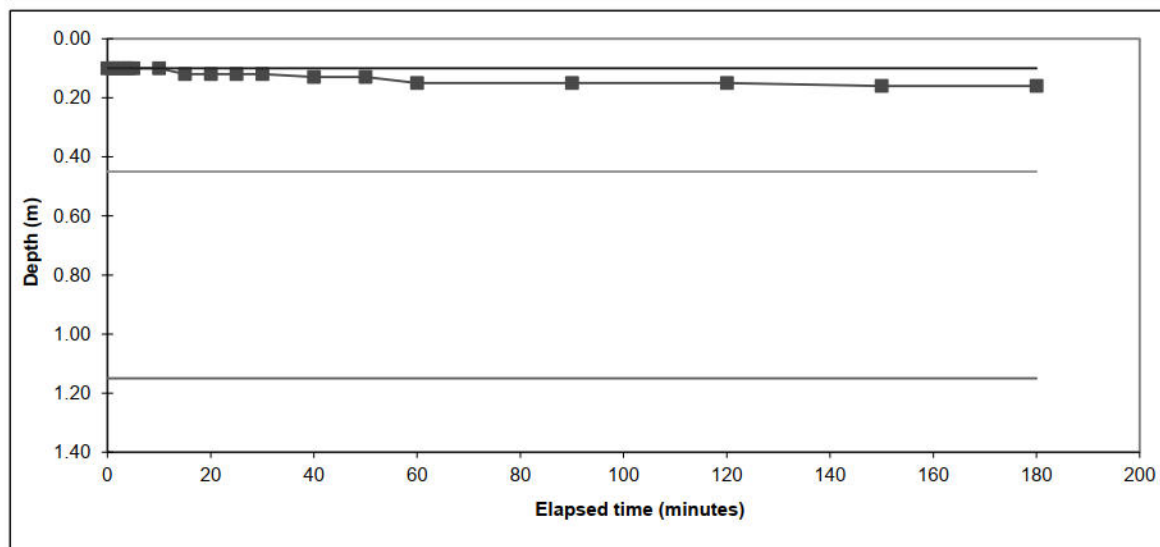
|         |                          |      |
|---------|--------------------------|------|
| Client: | GTA Civils and Transport | TP02 |
| Site:   | Rustington Golf Club     |      |

# iPlant Geotechnical

## Soakaway Test

|               |       |                     |      |            |            |
|---------------|-------|---------------------|------|------------|------------|
| Trial Pit No: | TP02  | Test No:            | 2    | Date:      | 18/02/2025 |
| Length (m):   | 2.000 | Datum Height:       |      | 0.00 m agl |            |
| Width (m):    | 0.40  | Granular infill:    | None |            |            |
| Depth (m):    | 1.50  | Porosity of infill: | 1    | (assumed)  |            |

| Elapsed time (minutes) | Water Depth (m below datum) | Elapsed time (minutes) | Water Depth (m below datum) |
|------------------------|-----------------------------|------------------------|-----------------------------|
| 0                      | 0.100                       | 90                     | 0.150                       |
| 1                      | 0.100                       | 120                    | 0.150                       |
| 2                      | 0.100                       | 150                    | 0.160                       |
| 3                      | 0.100                       | 180                    | 0.160                       |
| 4                      | 0.100                       |                        |                             |
| 5                      | 0.100                       |                        |                             |
| 10                     | 0.100                       |                        |                             |
| 15                     | 0.120                       |                        |                             |
| 20                     | 0.120                       |                        |                             |
| 25                     | 0.120                       |                        |                             |
| 30                     | 0.120                       |                        |                             |
| 40                     | 0.130                       |                        |                             |
| 50                     | 0.130                       |                        |                             |
| 60                     | 0.150                       |                        |                             |



|                                                                       |      |                                                                                                           |      |
|-----------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------|------|
| Start water depth for analysis (mbgl)                                 | 0.10 |                                                                                                           |      |
| 75% effective depth (mbgl):                                           | 0.45 | Elapsed time (mins):                                                                                      | #N/A |
| 50% effective depth (mbgl):                                           | 0.80 |                                                                                                           |      |
| 25% effective depth (mbgl):                                           | 1.15 | Elapsed time (mins):                                                                                      | #N/A |
| Base of soakage zone (mbgl):                                          | 1.50 |                                                                                                           |      |
| Volume outflow between 75% and 25% effective depth (m <sup>3</sup> ): |      |                                                                                                           |      |
| Mean surface area of outflow (m <sup>2</sup> ):                       |      | 4.16                                                                                                      |      |
| (side area at 50% effective depth + base area)                        |      |                                                                                                           |      |
| Time for outflow between 75% and 25% effective depth (mins):          |      |                                                                                                           |      |
| Soil infiltration rate (m/s):                                         |      | Test incomplete as 25% effective depth not achieved. Unable to reliably determine soil infiltration rate. |      |
| Remarks                                                               |      | Results processed following BRE 365 (2007).                                                               |      |

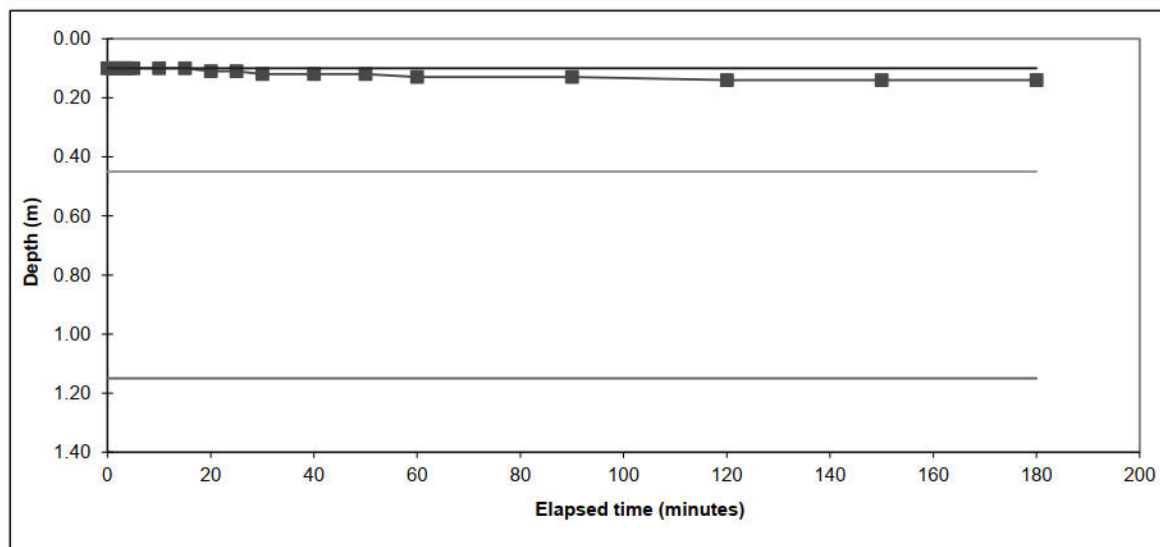
|         |                          |      |
|---------|--------------------------|------|
| Client: | GTA Civils and Transport | TP02 |
| Site:   | Rustington Golf Club     |      |

# iPlant Geotechnical

## Soakaway Test

|               |       |                     |      |            |            |
|---------------|-------|---------------------|------|------------|------------|
| Trial Pit No: | TP02  | Test No:            | 3    | Date:      | 18/02/2025 |
| Length (m):   | 2.000 | Datum Height:       |      | 0.00 m agl |            |
| Width (m):    | 0.40  | Granular infill:    | None |            |            |
| Depth (m):    | 1.50  | Porosity of infill: | 1    | (assumed)  |            |

| Elapsed time (minutes) | Water Depth (m below datum) | Elapsed time (minutes) | Water Depth (m below datum) |
|------------------------|-----------------------------|------------------------|-----------------------------|
| 0                      | 0.100                       | 90                     | 0.130                       |
| 1                      | 0.100                       | 120                    | 0.140                       |
| 2                      | 0.100                       | 150                    | 0.140                       |
| 3                      | 0.100                       | 180                    | 0.140                       |
| 4                      | 0.100                       |                        |                             |
| 5                      | 0.100                       |                        |                             |
| 10                     | 0.100                       |                        |                             |
| 15                     | 0.100                       |                        |                             |
| 20                     | 0.110                       |                        |                             |
| 25                     | 0.110                       |                        |                             |
| 30                     | 0.120                       |                        |                             |
| 40                     | 0.120                       |                        |                             |
| 50                     | 0.120                       |                        |                             |
| 60                     | 0.130                       |                        |                             |



|                                                                       |      |                                                                                                           |      |
|-----------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------------------------|------|
| Start water depth for analysis (mbgl)                                 | 0.10 |                                                                                                           |      |
| 75% effective depth (mbgl):                                           | 0.45 | Elapsed time (mins):                                                                                      | #N/A |
| 50% effective depth (mbgl):                                           | 0.80 |                                                                                                           |      |
| 25% effective depth (mbgl):                                           | 1.15 | Elapsed time (mins):                                                                                      | #N/A |
| Base of soakage zone (mbgl):                                          | 1.50 |                                                                                                           |      |
| Volume outflow between 75% and 25% effective depth (m <sup>3</sup> ): |      |                                                                                                           |      |
| Mean surface area of outflow (m <sup>2</sup> ):                       |      | 4.16                                                                                                      |      |
| (side area at 50% effective depth + base area)                        |      |                                                                                                           |      |
| Time for outflow between 75% and 25% effective depth (mins):          |      |                                                                                                           |      |
| Soil infiltration rate (m/s):                                         |      | Test incomplete as 25% effective depth not achieved. Unable to reliably determine soil infiltration rate. |      |
| Remarks                                                               |      | Results processed following BRE 365 (2007).                                                               |      |

|         |                          |      |
|---------|--------------------------|------|
| Client: | GTA Civils and Transport | TP02 |
| Site:   | Rustington Golf Club     |      |

IPX1081

Rustington Golf Centre, Golfers Way, Littlehampton, BN16 4NB

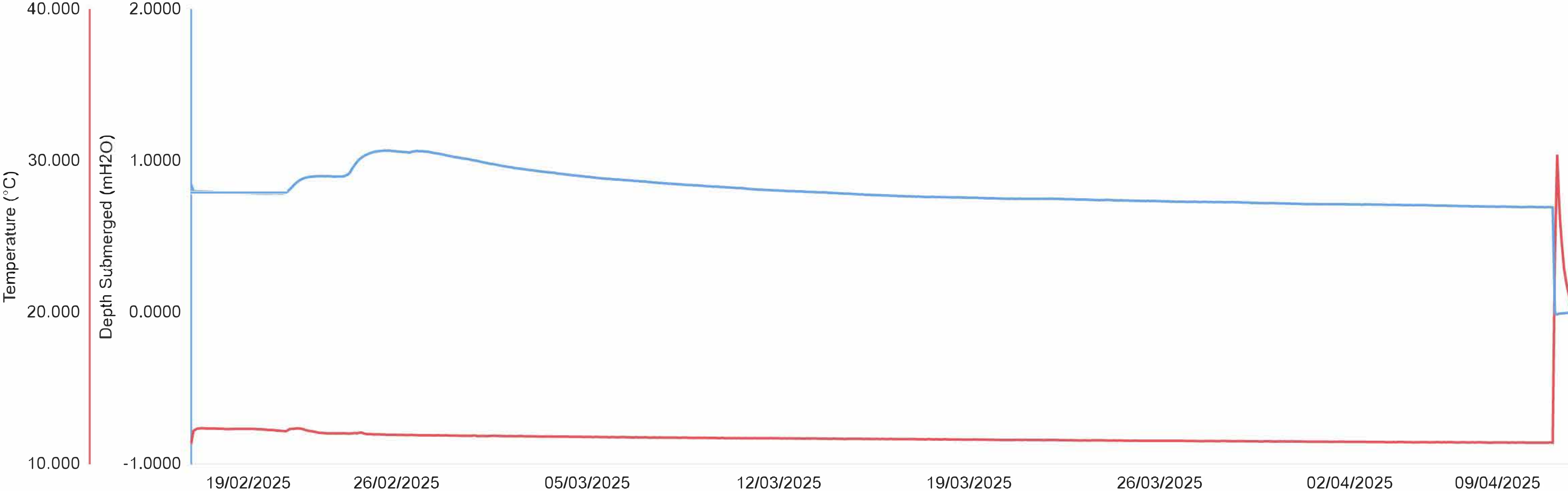
April 25



## **Appendix G – Groundwater Monitoring Results**



wso1 dipper-Log Vented+ plot



Manufacturer Heron Instruments  
 Device dipper-Log Vented+  
 Logger ID B50568  
 Project IPX1081  
 Deployment WS01  
 Location Rustington Golf Club  
 Number of Readings 1,220  
 Time Zone London (BST 1:00)  
 Barometric Compensation Source Single Barometric Point  
 Export Timestamp 10/04/2025 07:36



| Reading No. | Date & Time      | Depth Submerged (mH2O) | Distance to Water (mBGL) | Temperature (°C) |
|-------------|------------------|------------------------|--------------------------|------------------|
| 1           | 18/02/2025 11:05 | 0.8451                 | 4.1549                   | 11.367           |
| 2           | 18/02/2025 12:00 | 0.8003                 | 4.1997                   | 12.078           |
| 3           | 18/02/2025 13:00 | 0.8024                 | 4.1976                   | 12.203           |
| 4           | 18/02/2025 14:00 | 0.8018                 | 4.1982                   | 12.266           |
| 5           | 18/02/2025 15:00 | 0.8018                 | 4.1982                   | 12.305           |
| 6           | 18/02/2025 16:00 | 0.8018                 | 4.1982                   | 12.352           |
| 7           | 18/02/2025 17:00 | 0.8008                 | 4.1992                   | 12.359           |
| 8           | 18/02/2025 18:00 | 0.8008                 | 4.1992                   | 12.375           |
| 9           | 18/02/2025 19:00 | 0.8008                 | 4.1992                   | 12.375           |
| 10          | 18/02/2025 20:00 | 0.8018                 | 4.1982                   | 12.375           |
| 11          | 18/02/2025 21:00 | 0.8003                 | 4.1997                   | 12.383           |
| 12          | 18/02/2025 22:00 | 0.7998                 | 4.2002                   | 12.383           |
| 13          | 18/02/2025 23:00 | 0.7998                 | 4.2002                   | 12.367           |
| 14          | 19/02/2025 00:00 | 0.7998                 | 4.2002                   | 12.367           |
| 15          | 19/02/2025 01:00 | 0.7993                 | 4.2007                   | 12.359           |
| 16          | 19/02/2025 02:00 | 0.7988                 | 4.2012                   | 12.359           |
| 17          | 19/02/2025 03:00 | 0.7993                 | 4.2007                   | 12.359           |
| 18          | 19/02/2025 04:00 | 0.7988                 | 4.2012                   | 12.359           |
| 19          | 19/02/2025 05:00 | 0.7982                 | 4.2018                   | 12.359           |
| 20          | 19/02/2025 06:00 | 0.7982                 | 4.2018                   | 12.359           |
| 21          | 19/02/2025 07:00 | 0.7972                 | 4.2028                   | 12.367           |
| 22          | 19/02/2025 08:00 | 0.7972                 | 4.2028                   | 12.359           |
| 23          | 19/02/2025 09:00 | 0.7977                 | 4.2023                   | 12.352           |
| 24          | 19/02/2025 10:00 | 0.7972                 | 4.2028                   | 12.352           |
| 25          | 19/02/2025 11:00 | 0.7962                 | 4.2038                   | 12.352           |
| 26          | 19/02/2025 12:00 | 0.7962                 | 4.2038                   | 12.352           |
| 27          | 19/02/2025 13:00 | 0.7951                 | 4.2049                   | 12.352           |
| 28          | 19/02/2025 14:00 | 0.7951                 | 4.2049                   | 12.344           |
| 29          | 19/02/2025 15:00 | 0.7951                 | 4.2049                   | 12.344           |
| 30          | 19/02/2025 16:00 | 0.7946                 | 4.2054                   | 12.336           |
| 31          | 19/02/2025 17:00 | 0.7941                 | 4.2059                   | 12.328           |
| 32          | 19/02/2025 18:00 | 0.7946                 | 4.2054                   | 12.32            |
| 33          | 19/02/2025 19:00 | 0.7936                 | 4.2064                   | 12.32            |
| 34          | 19/02/2025 20:00 | 0.7926                 | 4.2074                   | 12.328           |
| 35          | 19/02/2025 21:00 | 0.7921                 | 4.2079                   | 12.328           |
| 36          | 19/02/2025 22:00 | 0.7921                 | 4.2079                   | 12.328           |
| 37          | 19/02/2025 23:00 | 0.7921                 | 4.2079                   | 12.328           |
| 38          | 20/02/2025 00:00 | 0.7921                 | 4.2079                   | 12.328           |
| 39          | 20/02/2025 01:00 | 0.7915                 | 4.2085                   | 12.336           |
| 40          | 20/02/2025 02:00 | 0.7921                 | 4.2079                   | 12.336           |
| 41          | 20/02/2025 03:00 | 0.7905                 | 4.2095                   | 12.344           |
| 42          | 20/02/2025 04:00 | 0.791                  | 4.209                    | 12.352           |
| 43          | 20/02/2025 05:00 | 0.791                  | 4.209                    | 12.344           |
| 44          | 20/02/2025 06:00 | 0.79                   | 4.21                     | 12.336           |
| 45          | 20/02/2025 07:00 | 0.79                   | 4.21                     | 12.344           |
| 46          | 20/02/2025 08:00 | 0.7895                 | 4.2105                   | 12.344           |
| 47          | 20/02/2025 09:00 | 0.789                  | 4.211                    | 12.344           |

|     |                  |        |        |        |
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| 48  | 20/02/2025 10:00 | 0.79   | 4.21   | 12.344 |
| 49  | 20/02/2025 11:00 | 0.7895 | 4.2105 | 12.344 |
| 50  | 20/02/2025 12:00 | 0.7895 | 4.2105 | 12.336 |
| 51  | 20/02/2025 13:00 | 0.789  | 4.211  | 12.344 |
| 52  | 20/02/2025 14:00 | 0.7895 | 4.2105 | 12.344 |
| 53  | 20/02/2025 15:00 | 0.789  | 4.211  | 12.344 |
| 54  | 20/02/2025 16:00 | 0.7885 | 4.2115 | 12.344 |
| 55  | 20/02/2025 17:00 | 0.7879 | 4.2121 | 12.344 |
| 56  | 20/02/2025 18:00 | 0.789  | 4.211  | 12.328 |
| 57  | 20/02/2025 19:00 | 0.7885 | 4.2115 | 12.328 |
| 58  | 20/02/2025 20:00 | 0.7874 | 4.2126 | 12.328 |
| 59  | 20/02/2025 21:00 | 0.7869 | 4.2131 | 12.32  |
| 60  | 20/02/2025 22:00 | 0.7859 | 4.2141 | 12.32  |
| 61  | 20/02/2025 23:00 | 0.7869 | 4.2131 | 12.32  |
| 62  | 21/02/2025 00:00 | 0.7859 | 4.2141 | 12.313 |
| 63  | 21/02/2025 01:00 | 0.7869 | 4.2131 | 12.305 |
| 64  | 21/02/2025 02:00 | 0.7869 | 4.2131 | 12.305 |
| 65  | 21/02/2025 03:00 | 0.7874 | 4.2126 | 12.297 |
| 66  | 21/02/2025 04:00 | 0.7864 | 4.2136 | 12.289 |
| 67  | 21/02/2025 05:00 | 0.7864 | 4.2136 | 12.281 |
| 68  | 21/02/2025 06:00 | 0.7869 | 4.2131 | 12.273 |
| 69  | 21/02/2025 07:00 | 0.7874 | 4.2126 | 12.266 |
| 70  | 21/02/2025 08:00 | 0.7869 | 4.2131 | 12.266 |
| 71  | 21/02/2025 09:00 | 0.7864 | 4.2136 | 12.266 |
| 72  | 21/02/2025 10:00 | 0.7864 | 4.2136 | 12.266 |
| 73  | 21/02/2025 11:00 | 0.7885 | 4.2115 | 12.266 |
| 74  | 21/02/2025 12:00 | 0.7869 | 4.2131 | 12.242 |
| 75  | 21/02/2025 13:00 | 0.7874 | 4.2126 | 12.234 |
| 76  | 21/02/2025 14:00 | 0.7879 | 4.2121 | 12.234 |
| 77  | 21/02/2025 15:00 | 0.7879 | 4.2121 | 12.227 |
| 78  | 21/02/2025 16:00 | 0.7874 | 4.2126 | 12.219 |
| 79  | 21/02/2025 17:00 | 0.7864 | 4.2136 | 12.211 |
| 80  | 21/02/2025 18:00 | 0.7859 | 4.2141 | 12.211 |
| 81  | 21/02/2025 19:00 | 0.7859 | 4.2141 | 12.203 |
| 82  | 21/02/2025 20:00 | 0.7874 | 4.2126 | 12.188 |
| 83  | 21/02/2025 21:00 | 0.7885 | 4.2115 | 12.18  |
| 84  | 21/02/2025 22:00 | 0.7921 | 4.2079 | 12.164 |
| 85  | 21/02/2025 23:00 | 0.7951 | 4.2049 | 12.195 |
| 86  | 22/02/2025 00:00 | 0.8018 | 4.1982 | 12.289 |
| 87  | 22/02/2025 01:00 | 0.808  | 4.192  | 12.297 |
| 88  | 22/02/2025 02:00 | 0.8152 | 4.1848 | 12.328 |
| 89  | 22/02/2025 03:00 | 0.8224 | 4.1776 | 12.344 |
| 90  | 22/02/2025 04:00 | 0.8317 | 4.1683 | 12.344 |
| 91  | 22/02/2025 05:00 | 0.8389 | 4.1611 | 12.336 |
| 92  | 22/02/2025 06:00 | 0.8461 | 4.1539 | 12.344 |
| 93  | 22/02/2025 07:00 | 0.8539 | 4.1461 | 12.359 |
| 94  | 22/02/2025 08:00 | 0.8606 | 4.1394 | 12.359 |
| 95  | 22/02/2025 09:00 | 0.8657 | 4.1343 | 12.367 |
| 96  | 22/02/2025 10:00 | 0.8714 | 4.1286 | 12.359 |
| 97  | 22/02/2025 11:00 | 0.8765 | 4.1235 | 12.359 |
| 98  | 22/02/2025 12:00 | 0.8806 | 4.1194 | 12.336 |
| 99  | 22/02/2025 13:00 | 0.8837 | 4.1163 | 12.328 |
| 100 | 22/02/2025 14:00 | 0.8858 | 4.1142 | 12.313 |
| 101 | 22/02/2025 15:00 | 0.8904 | 4.1096 | 12.281 |
| 102 | 22/02/2025 16:00 | 0.8915 | 4.1085 | 12.25  |
| 103 | 22/02/2025 17:00 | 0.893  | 4.107  | 12.227 |
| 104 | 22/02/2025 18:00 | 0.8945 | 4.1055 | 12.219 |
| 105 | 22/02/2025 19:00 | 0.8966 | 4.1034 | 12.203 |
| 106 | 22/02/2025 20:00 | 0.8971 | 4.1029 | 12.195 |

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| 107 | 22/02/2025 21:00 | 0.8976 | 4.1024 | 12.188 |
| 108 | 22/02/2025 22:00 | 0.8997 | 4.1003 | 12.18  |
| 109 | 22/02/2025 23:00 | 0.8992 | 4.1008 | 12.156 |
| 110 | 23/02/2025 00:00 | 0.8997 | 4.1003 | 12.156 |
| 111 | 23/02/2025 01:00 | 0.9012 | 4.0988 | 12.125 |
| 112 | 23/02/2025 02:00 | 0.9007 | 4.0993 | 12.117 |
| 113 | 23/02/2025 03:00 | 0.9002 | 4.0998 | 12.086 |
| 114 | 23/02/2025 04:00 | 0.9012 | 4.0988 | 12.086 |
| 115 | 23/02/2025 05:00 | 0.9023 | 4.0977 | 12.078 |
| 116 | 23/02/2025 06:00 | 0.9012 | 4.0988 | 12.063 |
| 117 | 23/02/2025 07:00 | 0.9012 | 4.0988 | 12.063 |
| 118 | 23/02/2025 08:00 | 0.9012 | 4.0988 | 12.055 |
| 119 | 23/02/2025 09:00 | 0.9007 | 4.0993 | 12.055 |
| 120 | 23/02/2025 10:00 | 0.9007 | 4.0993 | 12.047 |
| 121 | 23/02/2025 11:00 | 0.9012 | 4.0988 | 12.039 |
| 122 | 23/02/2025 12:00 | 0.9002 | 4.0998 | 12.047 |
| 123 | 23/02/2025 13:00 | 0.9002 | 4.0998 | 12.039 |
| 124 | 23/02/2025 14:00 | 0.8997 | 4.1003 | 12.047 |
| 125 | 23/02/2025 15:00 | 0.8997 | 4.1003 | 12.047 |
| 126 | 23/02/2025 16:00 | 0.8987 | 4.1013 | 12.047 |
| 127 | 23/02/2025 17:00 | 0.8976 | 4.1024 | 12.039 |
| 128 | 23/02/2025 18:00 | 0.8981 | 4.1019 | 12.047 |
| 129 | 23/02/2025 19:00 | 0.8992 | 4.1008 | 12.039 |
| 130 | 23/02/2025 20:00 | 0.8992 | 4.1008 | 12.047 |
| 131 | 23/02/2025 21:00 | 0.8987 | 4.1013 | 12.039 |
| 132 | 23/02/2025 22:00 | 0.8997 | 4.1003 | 12.047 |
| 133 | 23/02/2025 23:00 | 0.8992 | 4.1008 | 12.039 |
| 134 | 24/02/2025 00:00 | 0.8992 | 4.1008 | 12.039 |
| 135 | 24/02/2025 01:00 | 0.8997 | 4.1003 | 12.047 |
| 136 | 24/02/2025 02:00 | 0.9023 | 4.0977 | 12.047 |
| 137 | 24/02/2025 03:00 | 0.9059 | 4.0941 | 12.039 |
| 138 | 24/02/2025 04:00 | 0.91   | 4.09   | 12.047 |
| 139 | 24/02/2025 05:00 | 0.9121 | 4.0879 | 12.031 |
| 140 | 24/02/2025 06:00 | 0.9182 | 4.0818 | 12.031 |
| 141 | 24/02/2025 07:00 | 0.9285 | 4.0715 | 12.031 |
| 142 | 24/02/2025 08:00 | 0.9414 | 4.0586 | 12.031 |
| 143 | 24/02/2025 09:00 | 0.9548 | 4.0452 | 12.047 |
| 144 | 24/02/2025 10:00 | 0.9651 | 4.0349 | 12.031 |
| 145 | 24/02/2025 11:00 | 0.9759 | 4.0241 | 12.063 |
| 146 | 24/02/2025 12:00 | 0.9857 | 4.0143 | 12.063 |
| 147 | 24/02/2025 13:00 | 0.996  | 4.004  | 12.039 |
| 148 | 24/02/2025 14:00 | 1.0042 | 3.9958 | 12.055 |
| 149 | 24/02/2025 15:00 | 1.0125 | 3.9875 | 12.094 |
| 150 | 24/02/2025 16:00 | 1.0192 | 3.9808 | 12.125 |
| 151 | 24/02/2025 17:00 | 1.0243 | 3.9757 | 12.094 |
| 152 | 24/02/2025 18:00 | 1.029  | 3.971  | 12.008 |
| 153 | 24/02/2025 19:00 | 1.0341 | 3.9659 | 12.031 |
| 154 | 24/02/2025 20:00 | 1.0382 | 3.9618 | 12     |
| 155 | 24/02/2025 21:00 | 1.0429 | 3.9571 | 12     |
| 156 | 24/02/2025 22:00 | 1.0459 | 3.9541 | 11.992 |
| 157 | 24/02/2025 23:00 | 1.049  | 3.951  | 12     |
| 158 | 25/02/2025 00:00 | 1.0526 | 3.9474 | 11.992 |
| 159 | 25/02/2025 01:00 | 1.0547 | 3.9453 | 11.992 |
| 160 | 25/02/2025 02:00 | 1.0578 | 3.9422 | 11.984 |
| 161 | 25/02/2025 03:00 | 1.0588 | 3.9412 | 11.977 |
| 162 | 25/02/2025 04:00 | 1.0619 | 3.9381 | 11.969 |
| 163 | 25/02/2025 05:00 | 1.0635 | 3.9365 | 11.977 |
| 164 | 25/02/2025 06:00 | 1.064  | 3.936  | 11.969 |
| 165 | 25/02/2025 07:00 | 1.0655 | 3.9345 | 11.977 |

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| 166 | 25/02/2025 08:00 | 1.066  | 3.934  | 11.969 |
| 167 | 25/02/2025 09:00 | 1.0671 | 3.9329 | 11.977 |
| 168 | 25/02/2025 10:00 | 1.0671 | 3.9329 | 11.969 |
| 169 | 25/02/2025 11:00 | 1.0681 | 3.9319 | 11.969 |
| 170 | 25/02/2025 12:00 | 1.0686 | 3.9314 | 11.969 |
| 171 | 25/02/2025 13:00 | 1.0702 | 3.9298 | 11.961 |
| 172 | 25/02/2025 14:00 | 1.0696 | 3.9304 | 11.969 |
| 173 | 25/02/2025 15:00 | 1.0691 | 3.9309 | 11.953 |
| 174 | 25/02/2025 16:00 | 1.0702 | 3.9298 | 11.953 |
| 175 | 25/02/2025 17:00 | 1.0707 | 3.9293 | 11.953 |
| 176 | 25/02/2025 18:00 | 1.0696 | 3.9304 | 11.953 |
| 177 | 25/02/2025 19:00 | 1.0681 | 3.9319 | 11.953 |
| 178 | 25/02/2025 20:00 | 1.0676 | 3.9324 | 11.945 |
| 179 | 25/02/2025 21:00 | 1.0676 | 3.9324 | 11.945 |
| 180 | 25/02/2025 22:00 | 1.0655 | 3.9345 | 11.945 |
| 181 | 25/02/2025 23:00 | 1.066  | 3.934  | 11.945 |
| 182 | 26/02/2025 00:00 | 1.0645 | 3.9355 | 11.945 |
| 183 | 26/02/2025 01:00 | 1.0629 | 3.9371 | 11.938 |
| 184 | 26/02/2025 02:00 | 1.0635 | 3.9365 | 11.945 |
| 185 | 26/02/2025 03:00 | 1.0629 | 3.9371 | 11.938 |
| 186 | 26/02/2025 04:00 | 1.0619 | 3.9381 | 11.945 |
| 187 | 26/02/2025 05:00 | 1.0609 | 3.9391 | 11.945 |
| 188 | 26/02/2025 06:00 | 1.0609 | 3.9391 | 11.93  |
| 189 | 26/02/2025 07:00 | 1.0604 | 3.9396 | 11.938 |
| 190 | 26/02/2025 08:00 | 1.0599 | 3.9401 | 11.938 |
| 191 | 26/02/2025 09:00 | 1.0588 | 3.9412 | 11.922 |
| 192 | 26/02/2025 10:00 | 1.0588 | 3.9412 | 11.938 |
| 193 | 26/02/2025 11:00 | 1.0573 | 3.9427 | 11.938 |
| 194 | 26/02/2025 12:00 | 1.0593 | 3.9407 | 11.938 |
| 195 | 26/02/2025 13:00 | 1.0624 | 3.9376 | 11.938 |
| 196 | 26/02/2025 14:00 | 1.0635 | 3.9365 | 11.938 |
| 197 | 26/02/2025 15:00 | 1.064  | 3.936  | 11.93  |
| 198 | 26/02/2025 16:00 | 1.0655 | 3.9345 | 11.93  |
| 199 | 26/02/2025 17:00 | 1.0671 | 3.9329 | 11.922 |
| 200 | 26/02/2025 18:00 | 1.0665 | 3.9335 | 11.93  |
| 201 | 26/02/2025 19:00 | 1.0665 | 3.9335 | 11.914 |
| 202 | 26/02/2025 20:00 | 1.0671 | 3.9329 | 11.93  |
| 203 | 26/02/2025 21:00 | 1.066  | 3.934  | 11.914 |
| 204 | 26/02/2025 22:00 | 1.066  | 3.934  | 11.922 |
| 205 | 26/02/2025 23:00 | 1.066  | 3.934  | 11.922 |
| 206 | 27/02/2025 00:00 | 1.0635 | 3.9365 | 11.906 |
| 207 | 27/02/2025 01:00 | 1.0635 | 3.9365 | 11.922 |
| 208 | 27/02/2025 02:00 | 1.0629 | 3.9371 | 11.914 |
| 209 | 27/02/2025 03:00 | 1.0629 | 3.9371 | 11.914 |
| 210 | 27/02/2025 04:00 | 1.0619 | 3.9381 | 11.914 |
| 211 | 27/02/2025 05:00 | 1.0599 | 3.9401 | 11.922 |
| 212 | 27/02/2025 06:00 | 1.0588 | 3.9412 | 11.906 |
| 213 | 27/02/2025 07:00 | 1.0568 | 3.9432 | 11.906 |
| 214 | 27/02/2025 08:00 | 1.0557 | 3.9443 | 11.906 |
| 215 | 27/02/2025 09:00 | 1.0547 | 3.9453 | 11.906 |
| 216 | 27/02/2025 10:00 | 1.0526 | 3.9474 | 11.906 |
| 217 | 27/02/2025 11:00 | 1.0511 | 3.9489 | 11.914 |
| 218 | 27/02/2025 12:00 | 1.0506 | 3.9494 | 11.906 |
| 219 | 27/02/2025 13:00 | 1.0501 | 3.9499 | 11.914 |
| 220 | 27/02/2025 14:00 | 1.047  | 3.953  | 11.914 |
| 221 | 27/02/2025 15:00 | 1.0454 | 3.9546 | 11.898 |
| 222 | 27/02/2025 16:00 | 1.0449 | 3.9551 | 11.898 |
| 223 | 27/02/2025 17:00 | 1.0434 | 3.9566 | 11.906 |
| 224 | 27/02/2025 18:00 | 1.0418 | 3.9582 | 11.898 |

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| 225 | 27/02/2025 19:00 | 1.0393 | 3.9607 | 11.914 |
| 226 | 27/02/2025 20:00 | 1.0372 | 3.9628 | 11.906 |
| 227 | 27/02/2025 21:00 | 1.0367 | 3.9633 | 11.898 |
| 228 | 27/02/2025 22:00 | 1.0356 | 3.9644 | 11.898 |
| 229 | 27/02/2025 23:00 | 1.0341 | 3.9659 | 11.898 |
| 230 | 28/02/2025 00:00 | 1.0315 | 3.9685 | 11.891 |
| 231 | 28/02/2025 01:00 | 1.0305 | 3.9695 | 11.891 |
| 232 | 28/02/2025 02:00 | 1.0279 | 3.9721 | 11.898 |
| 233 | 28/02/2025 03:00 | 1.0274 | 3.9726 | 11.898 |
| 234 | 28/02/2025 04:00 | 1.0269 | 3.9731 | 11.883 |
| 235 | 28/02/2025 05:00 | 1.0259 | 3.9741 | 11.891 |
| 236 | 28/02/2025 06:00 | 1.0238 | 3.9762 | 11.898 |
| 237 | 28/02/2025 07:00 | 1.0233 | 3.9767 | 11.883 |
| 238 | 28/02/2025 08:00 | 1.0217 | 3.9783 | 11.883 |
| 239 | 28/02/2025 09:00 | 1.0197 | 3.9803 | 11.883 |
| 240 | 28/02/2025 10:00 | 1.0197 | 3.9803 | 11.875 |
| 241 | 28/02/2025 11:00 | 1.0176 | 3.9824 | 11.891 |
| 242 | 28/02/2025 12:00 | 1.0171 | 3.9829 | 11.883 |
| 243 | 28/02/2025 13:00 | 1.0161 | 3.9839 | 11.883 |
| 244 | 28/02/2025 14:00 | 1.0145 | 3.9855 | 11.891 |
| 245 | 28/02/2025 15:00 | 1.0135 | 3.9865 | 11.883 |
| 246 | 28/02/2025 16:00 | 1.013  | 3.987  | 11.891 |
| 247 | 28/02/2025 17:00 | 1.0099 | 3.9901 | 11.875 |
| 248 | 28/02/2025 18:00 | 1.0084 | 3.9916 | 11.867 |
| 249 | 28/02/2025 19:00 | 1.0063 | 3.9937 | 11.891 |
| 250 | 28/02/2025 20:00 | 1.0053 | 3.9947 | 11.883 |
| 251 | 28/02/2025 21:00 | 1.0047 | 3.9953 | 11.891 |
| 252 | 28/02/2025 22:00 | 1.0022 | 3.9978 | 11.867 |
| 253 | 28/02/2025 23:00 | 1.0022 | 3.9978 | 11.859 |
| 254 | 01/03/2025 00:00 | 1.0001 | 3.9999 | 11.883 |
| 255 | 01/03/2025 01:00 | 0.9975 | 4.0025 | 11.867 |
| 256 | 01/03/2025 02:00 | 0.997  | 4.003  | 11.867 |
| 257 | 01/03/2025 03:00 | 0.9944 | 4.0056 | 11.875 |
| 258 | 01/03/2025 04:00 | 0.9934 | 4.0066 | 11.875 |
| 259 | 01/03/2025 05:00 | 0.9914 | 4.0086 | 11.875 |
| 260 | 01/03/2025 06:00 | 0.9898 | 4.0102 | 11.859 |
| 261 | 01/03/2025 07:00 | 0.9883 | 4.0117 | 11.859 |
| 262 | 01/03/2025 08:00 | 0.9878 | 4.0122 | 11.875 |
| 263 | 01/03/2025 09:00 | 0.9841 | 4.0159 | 11.867 |
| 264 | 01/03/2025 10:00 | 0.9841 | 4.0159 | 11.859 |
| 265 | 01/03/2025 11:00 | 0.9821 | 4.0179 | 11.875 |
| 266 | 01/03/2025 12:00 | 0.9816 | 4.0184 | 11.875 |
| 267 | 01/03/2025 13:00 | 0.9811 | 4.0189 | 11.883 |
| 268 | 01/03/2025 14:00 | 0.9775 | 4.0225 | 11.867 |
| 269 | 01/03/2025 15:00 | 0.9775 | 4.0225 | 11.875 |
| 270 | 01/03/2025 16:00 | 0.9754 | 4.0246 | 11.875 |
| 271 | 01/03/2025 17:00 | 0.9749 | 4.0251 | 11.867 |
| 272 | 01/03/2025 18:00 | 0.9733 | 4.0267 | 11.867 |
| 273 | 01/03/2025 19:00 | 0.9713 | 4.0287 | 11.875 |
| 274 | 01/03/2025 20:00 | 0.9702 | 4.0298 | 11.859 |
| 275 | 01/03/2025 21:00 | 0.9687 | 4.0313 | 11.859 |
| 276 | 01/03/2025 22:00 | 0.9677 | 4.0323 | 11.875 |
| 277 | 01/03/2025 23:00 | 0.9666 | 4.0334 | 11.859 |
| 278 | 02/03/2025 00:00 | 0.9646 | 4.0354 | 11.867 |
| 279 | 02/03/2025 01:00 | 0.9641 | 4.0359 | 11.852 |
| 280 | 02/03/2025 02:00 | 0.9636 | 4.0364 | 11.852 |
| 281 | 02/03/2025 03:00 | 0.9615 | 4.0385 | 11.859 |
| 282 | 02/03/2025 04:00 | 0.9605 | 4.0395 | 11.852 |
| 283 | 02/03/2025 05:00 | 0.9599 | 4.0401 | 11.859 |

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| 284 | 02/03/2025 06:00 | 0.9579 | 4.0421 | 11.859 |
| 285 | 02/03/2025 07:00 | 0.9558 | 4.0442 | 11.852 |
| 286 | 02/03/2025 08:00 | 0.9553 | 4.0447 | 11.859 |
| 287 | 02/03/2025 09:00 | 0.9538 | 4.0462 | 11.852 |
| 288 | 02/03/2025 10:00 | 0.9527 | 4.0473 | 11.859 |
| 289 | 02/03/2025 11:00 | 0.9522 | 4.0478 | 11.859 |
| 290 | 02/03/2025 12:00 | 0.9512 | 4.0488 | 11.852 |
| 291 | 02/03/2025 13:00 | 0.9502 | 4.0498 | 11.867 |
| 292 | 02/03/2025 14:00 | 0.9496 | 4.0504 | 11.852 |
| 293 | 02/03/2025 15:00 | 0.9486 | 4.0514 | 11.852 |
| 294 | 02/03/2025 16:00 | 0.9476 | 4.0524 | 11.852 |
| 295 | 02/03/2025 17:00 | 0.9466 | 4.0534 | 11.844 |
| 296 | 02/03/2025 18:00 | 0.9455 | 4.0545 | 11.844 |
| 297 | 02/03/2025 19:00 | 0.944  | 4.056  | 11.852 |
| 298 | 02/03/2025 20:00 | 0.9419 | 4.0581 | 11.844 |
| 299 | 02/03/2025 21:00 | 0.9414 | 4.0586 | 11.844 |
| 300 | 02/03/2025 22:00 | 0.9409 | 4.0591 | 11.852 |
| 301 | 02/03/2025 23:00 | 0.9399 | 4.0601 | 11.852 |
| 302 | 03/03/2025 00:00 | 0.9378 | 4.0622 | 11.844 |
| 303 | 03/03/2025 01:00 | 0.9383 | 4.0617 | 11.836 |
| 304 | 03/03/2025 02:00 | 0.9378 | 4.0622 | 11.844 |
| 305 | 03/03/2025 03:00 | 0.9363 | 4.0637 | 11.836 |
| 306 | 03/03/2025 04:00 | 0.9352 | 4.0648 | 11.836 |
| 307 | 03/03/2025 05:00 | 0.9337 | 4.0663 | 11.844 |
| 308 | 03/03/2025 06:00 | 0.9332 | 4.0668 | 11.844 |
| 309 | 03/03/2025 07:00 | 0.9321 | 4.0679 | 11.828 |
| 310 | 03/03/2025 08:00 | 0.9301 | 4.0699 | 11.852 |
| 311 | 03/03/2025 09:00 | 0.9306 | 4.0694 | 11.828 |
| 312 | 03/03/2025 10:00 | 0.929  | 4.071  | 11.844 |
| 313 | 03/03/2025 11:00 | 0.928  | 4.072  | 11.844 |
| 314 | 03/03/2025 12:00 | 0.9275 | 4.0725 | 11.844 |
| 315 | 03/03/2025 13:00 | 0.9275 | 4.0725 | 11.836 |
| 316 | 03/03/2025 14:00 | 0.927  | 4.073  | 11.828 |
| 317 | 03/03/2025 15:00 | 0.9265 | 4.0735 | 11.844 |
| 318 | 03/03/2025 16:00 | 0.9254 | 4.0746 | 11.836 |
| 319 | 03/03/2025 17:00 | 0.9239 | 4.0761 | 11.828 |
| 320 | 03/03/2025 18:00 | 0.9239 | 4.0761 | 11.82  |
| 321 | 03/03/2025 19:00 | 0.9234 | 4.0766 | 11.836 |
| 322 | 03/03/2025 20:00 | 0.9203 | 4.0797 | 11.828 |
| 323 | 03/03/2025 21:00 | 0.9187 | 4.0813 | 11.828 |
| 324 | 03/03/2025 22:00 | 0.9177 | 4.0823 | 11.82  |
| 325 | 03/03/2025 23:00 | 0.9172 | 4.0828 | 11.828 |
| 326 | 04/03/2025 00:00 | 0.9172 | 4.0828 | 11.828 |
| 327 | 04/03/2025 01:00 | 0.9167 | 4.0833 | 11.828 |
| 328 | 04/03/2025 02:00 | 0.9157 | 4.0843 | 11.828 |
| 329 | 04/03/2025 03:00 | 0.9141 | 4.0859 | 11.828 |
| 330 | 04/03/2025 04:00 | 0.9136 | 4.0864 | 11.828 |
| 331 | 04/03/2025 05:00 | 0.9126 | 4.0874 | 11.828 |
| 332 | 04/03/2025 06:00 | 0.9115 | 4.0885 | 11.82  |
| 333 | 04/03/2025 07:00 | 0.911  | 4.089  | 11.82  |
| 334 | 04/03/2025 08:00 | 0.9095 | 4.0905 | 11.82  |
| 335 | 04/03/2025 09:00 | 0.9095 | 4.0905 | 11.82  |
| 336 | 04/03/2025 10:00 | 0.9074 | 4.0926 | 11.813 |
| 337 | 04/03/2025 11:00 | 0.9064 | 4.0936 | 11.813 |
| 338 | 04/03/2025 12:00 | 0.9069 | 4.0931 | 11.828 |
| 339 | 04/03/2025 13:00 | 0.9059 | 4.0941 | 11.813 |
| 340 | 04/03/2025 14:00 | 0.9043 | 4.0957 | 11.82  |
| 341 | 04/03/2025 15:00 | 0.9043 | 4.0957 | 11.813 |
| 342 | 04/03/2025 16:00 | 0.9033 | 4.0967 | 11.82  |

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| 343 | 04/03/2025 17:00 | 0.9028 | 4.0972 | 11.82  |
| 344 | 04/03/2025 18:00 | 0.9018 | 4.0982 | 11.82  |
| 345 | 04/03/2025 19:00 | 0.9007 | 4.0993 | 11.813 |
| 346 | 04/03/2025 20:00 | 0.9002 | 4.0998 | 11.805 |
| 347 | 04/03/2025 21:00 | 0.8992 | 4.1008 | 11.805 |
| 348 | 04/03/2025 22:00 | 0.8981 | 4.1019 | 11.805 |
| 349 | 04/03/2025 23:00 | 0.8971 | 4.1029 | 11.813 |
| 350 | 05/03/2025 00:00 | 0.8966 | 4.1034 | 11.805 |
| 351 | 05/03/2025 01:00 | 0.8966 | 4.1034 | 11.805 |
| 352 | 05/03/2025 02:00 | 0.8951 | 4.1049 | 11.797 |
| 353 | 05/03/2025 03:00 | 0.894  | 4.106  | 11.805 |
| 354 | 05/03/2025 04:00 | 0.894  | 4.106  | 11.805 |
| 355 | 05/03/2025 05:00 | 0.893  | 4.107  | 11.789 |
| 356 | 05/03/2025 06:00 | 0.8909 | 4.1091 | 11.805 |
| 357 | 05/03/2025 07:00 | 0.8909 | 4.1091 | 11.813 |
| 358 | 05/03/2025 08:00 | 0.8909 | 4.1091 | 11.805 |
| 359 | 05/03/2025 09:00 | 0.8894 | 4.1106 | 11.805 |
| 360 | 05/03/2025 10:00 | 0.8884 | 4.1116 | 11.805 |
| 361 | 05/03/2025 11:00 | 0.8878 | 4.1122 | 11.797 |
| 362 | 05/03/2025 12:00 | 0.8868 | 4.1132 | 11.797 |
| 363 | 05/03/2025 13:00 | 0.8863 | 4.1137 | 11.789 |
| 364 | 05/03/2025 14:00 | 0.8873 | 4.1127 | 11.797 |
| 365 | 05/03/2025 15:00 | 0.8848 | 4.1152 | 11.797 |
| 366 | 05/03/2025 16:00 | 0.8858 | 4.1142 | 11.797 |
| 367 | 05/03/2025 17:00 | 0.8842 | 4.1158 | 11.789 |
| 368 | 05/03/2025 18:00 | 0.8832 | 4.1168 | 11.797 |
| 369 | 05/03/2025 19:00 | 0.8837 | 4.1163 | 11.781 |
| 370 | 05/03/2025 20:00 | 0.8812 | 4.1188 | 11.797 |
| 371 | 05/03/2025 21:00 | 0.8817 | 4.1183 | 11.797 |
| 372 | 05/03/2025 22:00 | 0.8812 | 4.1188 | 11.789 |
| 373 | 05/03/2025 23:00 | 0.8801 | 4.1199 | 11.797 |
| 374 | 06/03/2025 00:00 | 0.8796 | 4.1204 | 11.773 |
| 375 | 06/03/2025 01:00 | 0.8791 | 4.1209 | 11.789 |
| 376 | 06/03/2025 02:00 | 0.8781 | 4.1219 | 11.789 |
| 377 | 06/03/2025 03:00 | 0.8791 | 4.1209 | 11.781 |
| 378 | 06/03/2025 04:00 | 0.8781 | 4.1219 | 11.781 |
| 379 | 06/03/2025 05:00 | 0.8775 | 4.1225 | 11.789 |
| 380 | 06/03/2025 06:00 | 0.8765 | 4.1235 | 11.781 |
| 381 | 06/03/2025 07:00 | 0.8765 | 4.1235 | 11.789 |
| 382 | 06/03/2025 08:00 | 0.8745 | 4.1255 | 11.789 |
| 383 | 06/03/2025 09:00 | 0.875  | 4.125  | 11.789 |
| 384 | 06/03/2025 10:00 | 0.875  | 4.125  | 11.789 |
| 385 | 06/03/2025 11:00 | 0.8745 | 4.1255 | 11.781 |
| 386 | 06/03/2025 12:00 | 0.8729 | 4.1271 | 11.789 |
| 387 | 06/03/2025 13:00 | 0.8729 | 4.1271 | 11.781 |
| 388 | 06/03/2025 14:00 | 0.8719 | 4.1281 | 11.773 |
| 389 | 06/03/2025 15:00 | 0.8719 | 4.1281 | 11.773 |
| 390 | 06/03/2025 16:00 | 0.8734 | 4.1266 | 11.773 |
| 391 | 06/03/2025 17:00 | 0.8698 | 4.1302 | 11.773 |
| 392 | 06/03/2025 18:00 | 0.8703 | 4.1297 | 11.773 |
| 393 | 06/03/2025 19:00 | 0.8693 | 4.1307 | 11.789 |
| 394 | 06/03/2025 20:00 | 0.8688 | 4.1312 | 11.773 |
| 395 | 06/03/2025 21:00 | 0.8688 | 4.1312 | 11.766 |
| 396 | 06/03/2025 22:00 | 0.8667 | 4.1333 | 11.773 |
| 397 | 06/03/2025 23:00 | 0.8662 | 4.1338 | 11.773 |
| 398 | 07/03/2025 00:00 | 0.8657 | 4.1343 | 11.773 |
| 399 | 07/03/2025 01:00 | 0.8657 | 4.1343 | 11.773 |
| 400 | 07/03/2025 02:00 | 0.8642 | 4.1358 | 11.781 |
| 401 | 07/03/2025 03:00 | 0.8657 | 4.1343 | 11.781 |

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| 402 | 07/03/2025 04:00 | 0.8647 | 4.1353 | 11.766 |
| 403 | 07/03/2025 05:00 | 0.8626 | 4.1374 | 11.766 |
| 404 | 07/03/2025 06:00 | 0.8626 | 4.1374 | 11.766 |
| 405 | 07/03/2025 07:00 | 0.8626 | 4.1374 | 11.766 |
| 406 | 07/03/2025 08:00 | 0.8611 | 4.1389 | 11.758 |
| 407 | 07/03/2025 09:00 | 0.86   | 4.14   | 11.766 |
| 408 | 07/03/2025 10:00 | 0.8595 | 4.1405 | 11.773 |
| 409 | 07/03/2025 11:00 | 0.8595 | 4.1405 | 11.773 |
| 410 | 07/03/2025 12:00 | 0.859  | 4.141  | 11.766 |
| 411 | 07/03/2025 13:00 | 0.858  | 4.142  | 11.758 |
| 412 | 07/03/2025 14:00 | 0.8585 | 4.1415 | 11.758 |
| 413 | 07/03/2025 15:00 | 0.8564 | 4.1436 | 11.773 |
| 414 | 07/03/2025 16:00 | 0.8564 | 4.1436 | 11.758 |
| 415 | 07/03/2025 17:00 | 0.8564 | 4.1436 | 11.766 |
| 416 | 07/03/2025 18:00 | 0.8554 | 4.1446 | 11.758 |
| 417 | 07/03/2025 19:00 | 0.8544 | 4.1456 | 11.758 |
| 418 | 07/03/2025 20:00 | 0.8544 | 4.1456 | 11.758 |
| 419 | 07/03/2025 21:00 | 0.8544 | 4.1456 | 11.766 |
| 420 | 07/03/2025 22:00 | 0.8518 | 4.1482 | 11.766 |
| 421 | 07/03/2025 23:00 | 0.8513 | 4.1487 | 11.766 |
| 422 | 08/03/2025 00:00 | 0.8513 | 4.1487 | 11.75  |
| 423 | 08/03/2025 01:00 | 0.8513 | 4.1487 | 11.766 |
| 424 | 08/03/2025 02:00 | 0.8508 | 4.1492 | 11.758 |
| 425 | 08/03/2025 03:00 | 0.8508 | 4.1492 | 11.758 |
| 426 | 08/03/2025 04:00 | 0.8503 | 4.1497 | 11.758 |
| 427 | 08/03/2025 05:00 | 0.8492 | 4.1508 | 11.758 |
| 428 | 08/03/2025 06:00 | 0.8482 | 4.1518 | 11.758 |
| 429 | 08/03/2025 07:00 | 0.8482 | 4.1518 | 11.758 |
| 430 | 08/03/2025 08:00 | 0.8487 | 4.1513 | 11.75  |
| 431 | 08/03/2025 09:00 | 0.8477 | 4.1523 | 11.742 |
| 432 | 08/03/2025 10:00 | 0.8466 | 4.1534 | 11.75  |
| 433 | 08/03/2025 11:00 | 0.8461 | 4.1539 | 11.758 |
| 434 | 08/03/2025 12:00 | 0.8451 | 4.1549 | 11.758 |
| 435 | 08/03/2025 13:00 | 0.8451 | 4.1549 | 11.766 |
| 436 | 08/03/2025 14:00 | 0.8451 | 4.1549 | 11.758 |
| 437 | 08/03/2025 15:00 | 0.8436 | 4.1564 | 11.758 |
| 438 | 08/03/2025 16:00 | 0.8425 | 4.1575 | 11.742 |
| 439 | 08/03/2025 17:00 | 0.843  | 4.157  | 11.75  |
| 440 | 08/03/2025 18:00 | 0.8425 | 4.1575 | 11.758 |
| 441 | 08/03/2025 19:00 | 0.8425 | 4.1575 | 11.75  |
| 442 | 08/03/2025 20:00 | 0.842  | 4.158  | 11.75  |
| 443 | 08/03/2025 21:00 | 0.8405 | 4.1595 | 11.734 |
| 444 | 08/03/2025 22:00 | 0.841  | 4.159  | 11.758 |
| 445 | 08/03/2025 23:00 | 0.8405 | 4.1595 | 11.75  |
| 446 | 09/03/2025 00:00 | 0.8405 | 4.1595 | 11.75  |
| 447 | 09/03/2025 01:00 | 0.84   | 4.16   | 11.75  |
| 448 | 09/03/2025 02:00 | 0.8389 | 4.1611 | 11.742 |
| 449 | 09/03/2025 03:00 | 0.8394 | 4.1606 | 11.75  |
| 450 | 09/03/2025 04:00 | 0.8374 | 4.1626 | 11.75  |
| 451 | 09/03/2025 05:00 | 0.8379 | 4.1621 | 11.742 |
| 452 | 09/03/2025 06:00 | 0.8379 | 4.1621 | 11.734 |
| 453 | 09/03/2025 07:00 | 0.8363 | 4.1637 | 11.75  |
| 454 | 09/03/2025 08:00 | 0.8369 | 4.1631 | 11.734 |
| 455 | 09/03/2025 09:00 | 0.8353 | 4.1647 | 11.734 |
| 456 | 09/03/2025 10:00 | 0.8353 | 4.1647 | 11.75  |
| 457 | 09/03/2025 11:00 | 0.8348 | 4.1652 | 11.742 |
| 458 | 09/03/2025 12:00 | 0.8353 | 4.1647 | 11.734 |
| 459 | 09/03/2025 13:00 | 0.8333 | 4.1667 | 11.734 |
| 460 | 09/03/2025 14:00 | 0.8333 | 4.1667 | 11.742 |

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| 461 | 09/03/2025 15:00 | 0.8333 | 4.1667 | 11.734 |
| 462 | 09/03/2025 16:00 | 0.8327 | 4.1673 | 11.734 |
| 463 | 09/03/2025 17:00 | 0.8333 | 4.1667 | 11.742 |
| 464 | 09/03/2025 18:00 | 0.8307 | 4.1693 | 11.734 |
| 465 | 09/03/2025 19:00 | 0.8312 | 4.1688 | 11.727 |
| 466 | 09/03/2025 20:00 | 0.8302 | 4.1698 | 11.734 |
| 467 | 09/03/2025 21:00 | 0.8297 | 4.1703 | 11.734 |
| 468 | 09/03/2025 22:00 | 0.8291 | 4.1709 | 11.727 |
| 469 | 09/03/2025 23:00 | 0.8297 | 4.1703 | 11.734 |
| 470 | 10/03/2025 00:00 | 0.8286 | 4.1714 | 11.727 |
| 471 | 10/03/2025 01:00 | 0.8281 | 4.1719 | 11.719 |
| 472 | 10/03/2025 02:00 | 0.8266 | 4.1734 | 11.727 |
| 473 | 10/03/2025 03:00 | 0.8276 | 4.1724 | 11.727 |
| 474 | 10/03/2025 04:00 | 0.8266 | 4.1734 | 11.734 |
| 475 | 10/03/2025 05:00 | 0.826  | 4.174  | 11.727 |
| 476 | 10/03/2025 06:00 | 0.825  | 4.175  | 11.719 |
| 477 | 10/03/2025 07:00 | 0.826  | 4.174  | 11.719 |
| 478 | 10/03/2025 08:00 | 0.825  | 4.175  | 11.734 |
| 479 | 10/03/2025 09:00 | 0.8245 | 4.1755 | 11.734 |
| 480 | 10/03/2025 10:00 | 0.8235 | 4.1765 | 11.727 |
| 481 | 10/03/2025 11:00 | 0.823  | 4.177  | 11.719 |
| 482 | 10/03/2025 12:00 | 0.823  | 4.177  | 11.727 |
| 483 | 10/03/2025 13:00 | 0.823  | 4.177  | 11.727 |
| 484 | 10/03/2025 14:00 | 0.8235 | 4.1765 | 11.727 |
| 485 | 10/03/2025 15:00 | 0.8235 | 4.1765 | 11.711 |
| 486 | 10/03/2025 16:00 | 0.8214 | 4.1786 | 11.727 |
| 487 | 10/03/2025 17:00 | 0.8209 | 4.1791 | 11.719 |
| 488 | 10/03/2025 18:00 | 0.8204 | 4.1796 | 11.727 |
| 489 | 10/03/2025 19:00 | 0.8199 | 4.1801 | 11.727 |
| 490 | 10/03/2025 20:00 | 0.8183 | 4.1817 | 11.727 |
| 491 | 10/03/2025 21:00 | 0.8178 | 4.1822 | 11.719 |
| 492 | 10/03/2025 22:00 | 0.8178 | 4.1822 | 11.719 |
| 493 | 10/03/2025 23:00 | 0.8163 | 4.1837 | 11.719 |
| 494 | 11/03/2025 00:00 | 0.8157 | 4.1843 | 11.711 |
| 495 | 11/03/2025 01:00 | 0.8152 | 4.1848 | 11.711 |
| 496 | 11/03/2025 02:00 | 0.8147 | 4.1853 | 11.727 |
| 497 | 11/03/2025 03:00 | 0.8142 | 4.1858 | 11.727 |
| 498 | 11/03/2025 04:00 | 0.8142 | 4.1858 | 11.719 |
| 499 | 11/03/2025 05:00 | 0.8132 | 4.1868 | 11.711 |
| 500 | 11/03/2025 06:00 | 0.8137 | 4.1863 | 11.719 |
| 501 | 11/03/2025 07:00 | 0.8127 | 4.1873 | 11.719 |
| 502 | 11/03/2025 08:00 | 0.8121 | 4.1879 | 11.711 |
| 503 | 11/03/2025 09:00 | 0.8121 | 4.1879 | 11.711 |
| 504 | 11/03/2025 10:00 | 0.8116 | 4.1884 | 11.719 |
| 505 | 11/03/2025 11:00 | 0.8116 | 4.1884 | 11.719 |
| 506 | 11/03/2025 12:00 | 0.8111 | 4.1889 | 11.711 |
| 507 | 11/03/2025 13:00 | 0.8106 | 4.1894 | 11.711 |
| 508 | 11/03/2025 14:00 | 0.8106 | 4.1894 | 11.719 |
| 509 | 11/03/2025 15:00 | 0.8096 | 4.1904 | 11.719 |
| 510 | 11/03/2025 16:00 | 0.8096 | 4.1904 | 11.711 |
| 511 | 11/03/2025 17:00 | 0.8091 | 4.1909 | 11.727 |
| 512 | 11/03/2025 18:00 | 0.808  | 4.192  | 11.711 |
| 513 | 11/03/2025 19:00 | 0.808  | 4.192  | 11.719 |
| 514 | 11/03/2025 20:00 | 0.8075 | 4.1925 | 11.719 |
| 515 | 11/03/2025 21:00 | 0.807  | 4.193  | 11.711 |
| 516 | 11/03/2025 22:00 | 0.806  | 4.194  | 11.711 |
| 517 | 11/03/2025 23:00 | 0.807  | 4.193  | 11.719 |
| 518 | 12/03/2025 00:00 | 0.806  | 4.194  | 11.703 |
| 519 | 12/03/2025 01:00 | 0.806  | 4.194  | 11.719 |

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| 520 | 12/03/2025 02:00 | 0.806  | 4.194  | 11.711 |
| 521 | 12/03/2025 03:00 | 0.806  | 4.194  | 11.703 |
| 522 | 12/03/2025 04:00 | 0.8054 | 4.1946 | 11.703 |
| 523 | 12/03/2025 05:00 | 0.8044 | 4.1956 | 11.719 |
| 524 | 12/03/2025 06:00 | 0.8039 | 4.1961 | 11.719 |
| 525 | 12/03/2025 07:00 | 0.8029 | 4.1971 | 11.703 |
| 526 | 12/03/2025 08:00 | 0.8039 | 4.1961 | 11.703 |
| 527 | 12/03/2025 09:00 | 0.8029 | 4.1971 | 11.719 |
| 528 | 12/03/2025 10:00 | 0.8039 | 4.1961 | 11.703 |
| 529 | 12/03/2025 11:00 | 0.8024 | 4.1976 | 11.711 |
| 530 | 12/03/2025 12:00 | 0.8029 | 4.1971 | 11.711 |
| 531 | 12/03/2025 13:00 | 0.8029 | 4.1971 | 11.711 |
| 532 | 12/03/2025 14:00 | 0.8018 | 4.1982 | 11.703 |
| 533 | 12/03/2025 15:00 | 0.8008 | 4.1992 | 11.695 |
| 534 | 12/03/2025 16:00 | 0.8024 | 4.1976 | 11.695 |
| 535 | 12/03/2025 17:00 | 0.8003 | 4.1997 | 11.711 |
| 536 | 12/03/2025 18:00 | 0.8003 | 4.1997 | 11.711 |
| 537 | 12/03/2025 19:00 | 0.8003 | 4.1997 | 11.711 |
| 538 | 12/03/2025 20:00 | 0.8003 | 4.1997 | 11.695 |
| 539 | 12/03/2025 21:00 | 0.8003 | 4.1997 | 11.695 |
| 540 | 12/03/2025 22:00 | 0.7982 | 4.2018 | 11.695 |
| 541 | 12/03/2025 23:00 | 0.7988 | 4.2012 | 11.695 |
| 542 | 13/03/2025 00:00 | 0.7988 | 4.2012 | 11.703 |
| 543 | 13/03/2025 01:00 | 0.7988 | 4.2012 | 11.703 |
| 544 | 13/03/2025 02:00 | 0.7972 | 4.2028 | 11.703 |
| 545 | 13/03/2025 03:00 | 0.7977 | 4.2023 | 11.695 |
| 546 | 13/03/2025 04:00 | 0.7972 | 4.2028 | 11.703 |
| 547 | 13/03/2025 05:00 | 0.7977 | 4.2023 | 11.703 |
| 548 | 13/03/2025 06:00 | 0.7962 | 4.2038 | 11.695 |
| 549 | 13/03/2025 07:00 | 0.7962 | 4.2038 | 11.703 |
| 550 | 13/03/2025 08:00 | 0.7957 | 4.2043 | 11.695 |
| 551 | 13/03/2025 09:00 | 0.7951 | 4.2049 | 11.703 |
| 552 | 13/03/2025 10:00 | 0.7946 | 4.2054 | 11.695 |
| 553 | 13/03/2025 11:00 | 0.7951 | 4.2049 | 11.695 |
| 554 | 13/03/2025 12:00 | 0.7951 | 4.2049 | 11.703 |
| 555 | 13/03/2025 13:00 | 0.7941 | 4.2059 | 11.695 |
| 556 | 13/03/2025 14:00 | 0.7946 | 4.2054 | 11.688 |
| 557 | 13/03/2025 15:00 | 0.7946 | 4.2054 | 11.688 |
| 558 | 13/03/2025 16:00 | 0.7941 | 4.2059 | 11.695 |
| 559 | 13/03/2025 17:00 | 0.7946 | 4.2054 | 11.695 |
| 560 | 13/03/2025 18:00 | 0.7931 | 4.2069 | 11.703 |
| 561 | 13/03/2025 19:00 | 0.7926 | 4.2074 | 11.688 |
| 562 | 13/03/2025 20:00 | 0.7921 | 4.2079 | 11.688 |
| 563 | 13/03/2025 21:00 | 0.791  | 4.209  | 11.688 |
| 564 | 13/03/2025 22:00 | 0.7915 | 4.2085 | 11.688 |
| 565 | 13/03/2025 23:00 | 0.791  | 4.209  | 11.688 |
| 566 | 14/03/2025 00:00 | 0.7905 | 4.2095 | 11.695 |
| 567 | 14/03/2025 01:00 | 0.791  | 4.209  | 11.695 |
| 568 | 14/03/2025 02:00 | 0.79   | 4.21   | 11.688 |
| 569 | 14/03/2025 03:00 | 0.7895 | 4.2105 | 11.688 |
| 570 | 14/03/2025 04:00 | 0.789  | 4.211  | 11.688 |
| 571 | 14/03/2025 05:00 | 0.7879 | 4.2121 | 11.688 |
| 572 | 14/03/2025 06:00 | 0.7879 | 4.2121 | 11.68  |
| 573 | 14/03/2025 07:00 | 0.7874 | 4.2126 | 11.688 |
| 574 | 14/03/2025 08:00 | 0.7879 | 4.2121 | 11.688 |
| 575 | 14/03/2025 09:00 | 0.7864 | 4.2136 | 11.672 |
| 576 | 14/03/2025 10:00 | 0.7869 | 4.2131 | 11.68  |
| 577 | 14/03/2025 11:00 | 0.7864 | 4.2136 | 11.672 |
| 578 | 14/03/2025 12:00 | 0.7859 | 4.2141 | 11.68  |

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| 579 | 14/03/2025 13:00 | 0.7864 | 4.2136 | 11.68  |
| 580 | 14/03/2025 14:00 | 0.7859 | 4.2141 | 11.68  |
| 581 | 14/03/2025 15:00 | 0.7848 | 4.2152 | 11.688 |
| 582 | 14/03/2025 16:00 | 0.7854 | 4.2146 | 11.695 |
| 583 | 14/03/2025 17:00 | 0.7838 | 4.2162 | 11.68  |
| 584 | 14/03/2025 18:00 | 0.7838 | 4.2162 | 11.688 |
| 585 | 14/03/2025 19:00 | 0.7828 | 4.2172 | 11.68  |
| 586 | 14/03/2025 20:00 | 0.7828 | 4.2172 | 11.68  |
| 587 | 14/03/2025 21:00 | 0.7823 | 4.2177 | 11.688 |
| 588 | 14/03/2025 22:00 | 0.7818 | 4.2182 | 11.68  |
| 589 | 14/03/2025 23:00 | 0.7807 | 4.2193 | 11.68  |
| 590 | 15/03/2025 00:00 | 0.7818 | 4.2182 | 11.688 |
| 591 | 15/03/2025 01:00 | 0.7812 | 4.2188 | 11.68  |
| 592 | 15/03/2025 02:00 | 0.7807 | 4.2193 | 11.68  |
| 593 | 15/03/2025 03:00 | 0.7797 | 4.2203 | 11.672 |
| 594 | 15/03/2025 04:00 | 0.7792 | 4.2208 | 11.672 |
| 595 | 15/03/2025 05:00 | 0.7782 | 4.2218 | 11.68  |
| 596 | 15/03/2025 06:00 | 0.7792 | 4.2208 | 11.68  |
| 597 | 15/03/2025 07:00 | 0.7787 | 4.2213 | 11.672 |
| 598 | 15/03/2025 08:00 | 0.7782 | 4.2218 | 11.672 |
| 599 | 15/03/2025 09:00 | 0.7776 | 4.2224 | 11.672 |
| 600 | 15/03/2025 10:00 | 0.7771 | 4.2229 | 11.68  |
| 601 | 15/03/2025 11:00 | 0.7771 | 4.2229 | 11.672 |
| 602 | 15/03/2025 12:00 | 0.7761 | 4.2239 | 11.664 |
| 603 | 15/03/2025 13:00 | 0.7756 | 4.2244 | 11.672 |
| 604 | 15/03/2025 14:00 | 0.7761 | 4.2239 | 11.672 |
| 605 | 15/03/2025 15:00 | 0.7761 | 4.2239 | 11.672 |
| 606 | 15/03/2025 16:00 | 0.7761 | 4.2239 | 11.68  |
| 607 | 15/03/2025 17:00 | 0.7751 | 4.2249 | 11.664 |
| 608 | 15/03/2025 18:00 | 0.7751 | 4.2249 | 11.672 |
| 609 | 15/03/2025 19:00 | 0.7745 | 4.2255 | 11.672 |
| 610 | 15/03/2025 20:00 | 0.7751 | 4.2249 | 11.672 |
| 611 | 15/03/2025 21:00 | 0.774  | 4.226  | 11.672 |
| 612 | 15/03/2025 22:00 | 0.7745 | 4.2255 | 11.664 |
| 613 | 15/03/2025 23:00 | 0.7745 | 4.2255 | 11.656 |
| 614 | 16/03/2025 00:00 | 0.773  | 4.227  | 11.672 |
| 615 | 16/03/2025 01:00 | 0.7735 | 4.2265 | 11.672 |
| 616 | 16/03/2025 02:00 | 0.7725 | 4.2275 | 11.68  |
| 617 | 16/03/2025 03:00 | 0.772  | 4.228  | 11.672 |
| 618 | 16/03/2025 04:00 | 0.773  | 4.227  | 11.664 |
| 619 | 16/03/2025 05:00 | 0.772  | 4.228  | 11.664 |
| 620 | 16/03/2025 06:00 | 0.7715 | 4.2285 | 11.664 |
| 621 | 16/03/2025 07:00 | 0.772  | 4.228  | 11.656 |
| 622 | 16/03/2025 08:00 | 0.7709 | 4.2291 | 11.664 |
| 623 | 16/03/2025 09:00 | 0.7699 | 4.2301 | 11.664 |
| 624 | 16/03/2025 10:00 | 0.7704 | 4.2296 | 11.664 |
| 625 | 16/03/2025 11:00 | 0.7694 | 4.2306 | 11.656 |
| 626 | 16/03/2025 12:00 | 0.7704 | 4.2296 | 11.664 |
| 627 | 16/03/2025 13:00 | 0.7694 | 4.2306 | 11.656 |
| 628 | 16/03/2025 14:00 | 0.7694 | 4.2306 | 11.664 |
| 629 | 16/03/2025 15:00 | 0.7689 | 4.2311 | 11.664 |
| 630 | 16/03/2025 16:00 | 0.7694 | 4.2306 | 11.664 |
| 631 | 16/03/2025 17:00 | 0.7679 | 4.2321 | 11.664 |
| 632 | 16/03/2025 18:00 | 0.7689 | 4.2311 | 11.648 |
| 633 | 16/03/2025 19:00 | 0.7679 | 4.2321 | 11.656 |
| 634 | 16/03/2025 20:00 | 0.7679 | 4.2321 | 11.656 |
| 635 | 16/03/2025 21:00 | 0.7679 | 4.2321 | 11.672 |
| 636 | 16/03/2025 22:00 | 0.7668 | 4.2332 | 11.656 |
| 637 | 16/03/2025 23:00 | 0.7668 | 4.2332 | 11.656 |

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| 638 | 17/03/2025 00:00 | 0.7668 | 4.2332 | 11.656 |
| 639 | 17/03/2025 01:00 | 0.7663 | 4.2337 | 11.656 |
| 640 | 17/03/2025 02:00 | 0.7673 | 4.2327 | 11.648 |
| 641 | 17/03/2025 03:00 | 0.7668 | 4.2332 | 11.648 |
| 642 | 17/03/2025 04:00 | 0.7658 | 4.2342 | 11.656 |
| 643 | 17/03/2025 05:00 | 0.7663 | 4.2337 | 11.648 |
| 644 | 17/03/2025 06:00 | 0.7663 | 4.2337 | 11.641 |
| 645 | 17/03/2025 07:00 | 0.7648 | 4.2352 | 11.648 |
| 646 | 17/03/2025 08:00 | 0.7653 | 4.2347 | 11.648 |
| 647 | 17/03/2025 09:00 | 0.7637 | 4.2363 | 11.641 |
| 648 | 17/03/2025 10:00 | 0.7648 | 4.2352 | 11.648 |
| 649 | 17/03/2025 11:00 | 0.7637 | 4.2363 | 11.656 |
| 650 | 17/03/2025 12:00 | 0.7642 | 4.2358 | 11.656 |
| 651 | 17/03/2025 13:00 | 0.7642 | 4.2358 | 11.656 |
| 652 | 17/03/2025 14:00 | 0.7648 | 4.2352 | 11.641 |
| 653 | 17/03/2025 15:00 | 0.7648 | 4.2352 | 11.641 |
| 654 | 17/03/2025 16:00 | 0.7632 | 4.2368 | 11.656 |
| 655 | 17/03/2025 17:00 | 0.7637 | 4.2363 | 11.641 |
| 656 | 17/03/2025 18:00 | 0.7642 | 4.2358 | 11.641 |
| 657 | 17/03/2025 19:00 | 0.7627 | 4.2373 | 11.648 |
| 658 | 17/03/2025 20:00 | 0.7622 | 4.2378 | 11.648 |
| 659 | 17/03/2025 21:00 | 0.7637 | 4.2363 | 11.633 |
| 660 | 17/03/2025 22:00 | 0.7632 | 4.2368 | 11.641 |
| 661 | 17/03/2025 23:00 | 0.7632 | 4.2368 | 11.641 |
| 662 | 18/03/2025 00:00 | 0.7617 | 4.2383 | 11.641 |
| 663 | 18/03/2025 01:00 | 0.7622 | 4.2378 | 11.648 |
| 664 | 18/03/2025 02:00 | 0.7622 | 4.2378 | 11.641 |
| 665 | 18/03/2025 03:00 | 0.7627 | 4.2373 | 11.648 |
| 666 | 18/03/2025 04:00 | 0.7622 | 4.2378 | 11.641 |
| 667 | 18/03/2025 05:00 | 0.7627 | 4.2373 | 11.641 |
| 668 | 18/03/2025 06:00 | 0.7617 | 4.2383 | 11.633 |
| 669 | 18/03/2025 07:00 | 0.7617 | 4.2383 | 11.641 |
| 670 | 18/03/2025 08:00 | 0.7622 | 4.2378 | 11.641 |
| 671 | 18/03/2025 09:00 | 0.7612 | 4.2388 | 11.641 |
| 672 | 18/03/2025 10:00 | 0.7612 | 4.2388 | 11.641 |
| 673 | 18/03/2025 11:00 | 0.7606 | 4.2394 | 11.625 |
| 674 | 18/03/2025 12:00 | 0.7606 | 4.2394 | 11.633 |
| 675 | 18/03/2025 13:00 | 0.7617 | 4.2383 | 11.641 |
| 676 | 18/03/2025 14:00 | 0.7617 | 4.2383 | 11.633 |
| 677 | 18/03/2025 15:00 | 0.7612 | 4.2388 | 11.633 |
| 678 | 18/03/2025 16:00 | 0.7612 | 4.2388 | 11.633 |
| 679 | 18/03/2025 17:00 | 0.7606 | 4.2394 | 11.633 |
| 680 | 18/03/2025 18:00 | 0.7612 | 4.2388 | 11.633 |
| 681 | 18/03/2025 19:00 | 0.7601 | 4.2399 | 11.633 |
| 682 | 18/03/2025 20:00 | 0.7601 | 4.2399 | 11.641 |
| 683 | 18/03/2025 21:00 | 0.7596 | 4.2404 | 11.633 |
| 684 | 18/03/2025 22:00 | 0.7606 | 4.2394 | 11.625 |
| 685 | 18/03/2025 23:00 | 0.7596 | 4.2404 | 11.633 |
| 686 | 19/03/2025 00:00 | 0.7596 | 4.2404 | 11.625 |
| 687 | 19/03/2025 01:00 | 0.7591 | 4.2409 | 11.625 |
| 688 | 19/03/2025 02:00 | 0.7596 | 4.2404 | 11.633 |
| 689 | 19/03/2025 03:00 | 0.7586 | 4.2414 | 11.641 |
| 690 | 19/03/2025 04:00 | 0.7591 | 4.2409 | 11.633 |
| 691 | 19/03/2025 05:00 | 0.7601 | 4.2399 | 11.633 |
| 692 | 19/03/2025 06:00 | 0.7576 | 4.2424 | 11.625 |
| 693 | 19/03/2025 07:00 | 0.7586 | 4.2414 | 11.633 |
| 694 | 19/03/2025 08:00 | 0.7586 | 4.2414 | 11.625 |
| 695 | 19/03/2025 09:00 | 0.757  | 4.243  | 11.625 |
| 696 | 19/03/2025 10:00 | 0.757  | 4.243  | 11.625 |

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| 697 | 19/03/2025 11:00 | 0.7576 | 4.2424 | 11.625 |
| 698 | 19/03/2025 12:00 | 0.7565 | 4.2435 | 11.625 |
| 699 | 19/03/2025 13:00 | 0.757  | 4.243  | 11.625 |
| 700 | 19/03/2025 14:00 | 0.7565 | 4.2435 | 11.617 |
| 701 | 19/03/2025 15:00 | 0.7545 | 4.2455 | 11.625 |
| 702 | 19/03/2025 16:00 | 0.7565 | 4.2435 | 11.617 |
| 703 | 19/03/2025 17:00 | 0.755  | 4.245  | 11.617 |
| 704 | 19/03/2025 18:00 | 0.756  | 4.244  | 11.602 |
| 705 | 19/03/2025 19:00 | 0.7565 | 4.2435 | 11.617 |
| 706 | 19/03/2025 20:00 | 0.7555 | 4.2445 | 11.617 |
| 707 | 19/03/2025 21:00 | 0.755  | 4.245  | 11.617 |
| 708 | 19/03/2025 22:00 | 0.755  | 4.245  | 11.617 |
| 709 | 19/03/2025 23:00 | 0.755  | 4.245  | 11.609 |
| 710 | 20/03/2025 00:00 | 0.755  | 4.245  | 11.617 |
| 711 | 20/03/2025 01:00 | 0.7539 | 4.2461 | 11.617 |
| 712 | 20/03/2025 02:00 | 0.7545 | 4.2455 | 11.609 |
| 713 | 20/03/2025 03:00 | 0.7539 | 4.2461 | 11.609 |
| 714 | 20/03/2025 04:00 | 0.7534 | 4.2466 | 11.609 |
| 715 | 20/03/2025 05:00 | 0.7529 | 4.2471 | 11.609 |
| 716 | 20/03/2025 06:00 | 0.7545 | 4.2455 | 11.609 |
| 717 | 20/03/2025 07:00 | 0.7529 | 4.2471 | 11.609 |
| 718 | 20/03/2025 08:00 | 0.7529 | 4.2471 | 11.617 |
| 719 | 20/03/2025 09:00 | 0.7529 | 4.2471 | 11.602 |
| 720 | 20/03/2025 10:00 | 0.7524 | 4.2476 | 11.609 |
| 721 | 20/03/2025 11:00 | 0.7514 | 4.2486 | 11.609 |
| 722 | 20/03/2025 12:00 | 0.7529 | 4.2471 | 11.609 |
| 723 | 20/03/2025 13:00 | 0.7539 | 4.2461 | 11.609 |
| 724 | 20/03/2025 14:00 | 0.7529 | 4.2471 | 11.609 |
| 725 | 20/03/2025 15:00 | 0.7519 | 4.2481 | 11.609 |
| 726 | 20/03/2025 16:00 | 0.7534 | 4.2466 | 11.617 |
| 727 | 20/03/2025 17:00 | 0.7514 | 4.2486 | 11.617 |
| 728 | 20/03/2025 18:00 | 0.7529 | 4.2471 | 11.609 |
| 729 | 20/03/2025 19:00 | 0.7524 | 4.2476 | 11.617 |
| 730 | 20/03/2025 20:00 | 0.7524 | 4.2476 | 11.617 |
| 731 | 20/03/2025 21:00 | 0.7524 | 4.2476 | 11.609 |
| 732 | 20/03/2025 22:00 | 0.7519 | 4.2481 | 11.609 |
| 733 | 20/03/2025 23:00 | 0.7519 | 4.2481 | 11.609 |
| 734 | 21/03/2025 00:00 | 0.7524 | 4.2476 | 11.609 |
| 735 | 21/03/2025 01:00 | 0.7519 | 4.2481 | 11.617 |
| 736 | 21/03/2025 02:00 | 0.7529 | 4.2471 | 11.609 |
| 737 | 21/03/2025 03:00 | 0.7519 | 4.2481 | 11.609 |
| 738 | 21/03/2025 04:00 | 0.7524 | 4.2476 | 11.609 |
| 739 | 21/03/2025 05:00 | 0.7519 | 4.2481 | 11.609 |
| 740 | 21/03/2025 06:00 | 0.7519 | 4.2481 | 11.609 |
| 741 | 21/03/2025 07:00 | 0.7524 | 4.2476 | 11.602 |
| 742 | 21/03/2025 08:00 | 0.7509 | 4.2491 | 11.609 |
| 743 | 21/03/2025 09:00 | 0.7514 | 4.2486 | 11.609 |
| 744 | 21/03/2025 10:00 | 0.7509 | 4.2491 | 11.602 |
| 745 | 21/03/2025 11:00 | 0.7519 | 4.2481 | 11.602 |
| 746 | 21/03/2025 12:00 | 0.7519 | 4.2481 | 11.609 |
| 747 | 21/03/2025 13:00 | 0.7519 | 4.2481 | 11.602 |
| 748 | 21/03/2025 14:00 | 0.7534 | 4.2466 | 11.594 |
| 749 | 21/03/2025 15:00 | 0.7524 | 4.2476 | 11.602 |
| 750 | 21/03/2025 16:00 | 0.7529 | 4.2471 | 11.602 |
| 751 | 21/03/2025 17:00 | 0.7524 | 4.2476 | 11.594 |
| 752 | 21/03/2025 18:00 | 0.7514 | 4.2486 | 11.602 |
| 753 | 21/03/2025 19:00 | 0.7514 | 4.2486 | 11.602 |
| 754 | 21/03/2025 20:00 | 0.7514 | 4.2486 | 11.602 |
| 755 | 21/03/2025 21:00 | 0.7519 | 4.2481 | 11.602 |

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| 756 | 21/03/2025 22:00 | 0.7519 | 4.2481 | 11.594 |
| 757 | 21/03/2025 23:00 | 0.7529 | 4.2471 | 11.602 |
| 758 | 22/03/2025 00:00 | 0.7534 | 4.2466 | 11.594 |
| 759 | 22/03/2025 01:00 | 0.7524 | 4.2476 | 11.602 |
| 760 | 22/03/2025 02:00 | 0.7524 | 4.2476 | 11.602 |
| 761 | 22/03/2025 03:00 | 0.7514 | 4.2486 | 11.602 |
| 762 | 22/03/2025 04:00 | 0.7519 | 4.2481 | 11.602 |
| 763 | 22/03/2025 05:00 | 0.7519 | 4.2481 | 11.602 |
| 764 | 22/03/2025 06:00 | 0.7514 | 4.2486 | 11.602 |
| 765 | 22/03/2025 07:00 | 0.7519 | 4.2481 | 11.594 |
| 766 | 22/03/2025 08:00 | 0.7503 | 4.2497 | 11.594 |
| 767 | 22/03/2025 09:00 | 0.7509 | 4.2491 | 11.594 |
| 768 | 22/03/2025 10:00 | 0.7498 | 4.2502 | 11.594 |
| 769 | 22/03/2025 11:00 | 0.7503 | 4.2497 | 11.594 |
| 770 | 22/03/2025 12:00 | 0.7493 | 4.2507 | 11.594 |
| 771 | 22/03/2025 13:00 | 0.7488 | 4.2512 | 11.594 |
| 772 | 22/03/2025 14:00 | 0.7493 | 4.2507 | 11.594 |
| 773 | 22/03/2025 15:00 | 0.7498 | 4.2502 | 11.586 |
| 774 | 22/03/2025 16:00 | 0.7498 | 4.2502 | 11.586 |
| 775 | 22/03/2025 17:00 | 0.7498 | 4.2502 | 11.594 |
| 776 | 22/03/2025 18:00 | 0.7488 | 4.2512 | 11.586 |
| 777 | 22/03/2025 19:00 | 0.7478 | 4.2522 | 11.586 |
| 778 | 22/03/2025 20:00 | 0.7483 | 4.2517 | 11.586 |
| 779 | 22/03/2025 21:00 | 0.7483 | 4.2517 | 11.578 |
| 780 | 22/03/2025 22:00 | 0.7483 | 4.2517 | 11.578 |
| 781 | 22/03/2025 23:00 | 0.7473 | 4.2527 | 11.578 |
| 782 | 23/03/2025 00:00 | 0.7473 | 4.2527 | 11.578 |
| 783 | 23/03/2025 01:00 | 0.7473 | 4.2527 | 11.57  |
| 784 | 23/03/2025 02:00 | 0.7478 | 4.2522 | 11.578 |
| 785 | 23/03/2025 03:00 | 0.7467 | 4.2533 | 11.578 |
| 786 | 23/03/2025 04:00 | 0.7467 | 4.2533 | 11.578 |
| 787 | 23/03/2025 05:00 | 0.7473 | 4.2527 | 11.578 |
| 788 | 23/03/2025 06:00 | 0.7462 | 4.2538 | 11.578 |
| 789 | 23/03/2025 07:00 | 0.7467 | 4.2533 | 11.578 |
| 790 | 23/03/2025 08:00 | 0.7452 | 4.2548 | 11.578 |
| 791 | 23/03/2025 09:00 | 0.7457 | 4.2543 | 11.57  |
| 792 | 23/03/2025 10:00 | 0.7452 | 4.2548 | 11.578 |
| 793 | 23/03/2025 11:00 | 0.7447 | 4.2553 | 11.578 |
| 794 | 23/03/2025 12:00 | 0.7447 | 4.2553 | 11.586 |
| 795 | 23/03/2025 13:00 | 0.7452 | 4.2548 | 11.586 |
| 796 | 23/03/2025 14:00 | 0.7457 | 4.2543 | 11.586 |
| 797 | 23/03/2025 15:00 | 0.7436 | 4.2564 | 11.578 |
| 798 | 23/03/2025 16:00 | 0.7436 | 4.2564 | 11.578 |
| 799 | 23/03/2025 17:00 | 0.7431 | 4.2569 | 11.586 |
| 800 | 23/03/2025 18:00 | 0.7431 | 4.2569 | 11.586 |
| 801 | 23/03/2025 19:00 | 0.7431 | 4.2569 | 11.578 |
| 802 | 23/03/2025 20:00 | 0.7436 | 4.2564 | 11.57  |
| 803 | 23/03/2025 21:00 | 0.7442 | 4.2558 | 11.578 |
| 804 | 23/03/2025 22:00 | 0.7442 | 4.2558 | 11.578 |
| 805 | 23/03/2025 23:00 | 0.7436 | 4.2564 | 11.578 |
| 806 | 24/03/2025 00:00 | 0.7436 | 4.2564 | 11.578 |
| 807 | 24/03/2025 01:00 | 0.7452 | 4.2548 | 11.57  |
| 808 | 24/03/2025 02:00 | 0.7431 | 4.2569 | 11.57  |
| 809 | 24/03/2025 03:00 | 0.7442 | 4.2558 | 11.563 |
| 810 | 24/03/2025 04:00 | 0.7426 | 4.2574 | 11.57  |
| 811 | 24/03/2025 05:00 | 0.7431 | 4.2569 | 11.57  |
| 812 | 24/03/2025 06:00 | 0.7421 | 4.2579 | 11.578 |
| 813 | 24/03/2025 07:00 | 0.7421 | 4.2579 | 11.578 |
| 814 | 24/03/2025 08:00 | 0.7426 | 4.2574 | 11.57  |

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| 815 | 24/03/2025 09:00 | 0.7416 | 4.2584 | 11.563 |
| 816 | 24/03/2025 10:00 | 0.7426 | 4.2574 | 11.563 |
| 817 | 24/03/2025 11:00 | 0.7416 | 4.2584 | 11.57  |
| 818 | 24/03/2025 12:00 | 0.7411 | 4.2589 | 11.563 |
| 819 | 24/03/2025 13:00 | 0.7426 | 4.2574 | 11.57  |
| 820 | 24/03/2025 14:00 | 0.7416 | 4.2584 | 11.563 |
| 821 | 24/03/2025 15:00 | 0.7411 | 4.2589 | 11.563 |
| 822 | 24/03/2025 16:00 | 0.7416 | 4.2584 | 11.563 |
| 823 | 24/03/2025 17:00 | 0.74   | 4.26   | 11.555 |
| 824 | 24/03/2025 18:00 | 0.7406 | 4.2594 | 11.555 |
| 825 | 24/03/2025 19:00 | 0.7411 | 4.2589 | 11.563 |
| 826 | 24/03/2025 20:00 | 0.7406 | 4.2594 | 11.555 |
| 827 | 24/03/2025 21:00 | 0.7395 | 4.2605 | 11.555 |
| 828 | 24/03/2025 22:00 | 0.74   | 4.26   | 11.555 |
| 829 | 24/03/2025 23:00 | 0.7395 | 4.2605 | 11.555 |
| 830 | 25/03/2025 00:00 | 0.7385 | 4.2615 | 11.563 |
| 831 | 25/03/2025 01:00 | 0.739  | 4.261  | 11.563 |
| 832 | 25/03/2025 02:00 | 0.738  | 4.262  | 11.555 |
| 833 | 25/03/2025 03:00 | 0.7385 | 4.2615 | 11.563 |
| 834 | 25/03/2025 04:00 | 0.7385 | 4.2615 | 11.555 |
| 835 | 25/03/2025 05:00 | 0.7385 | 4.2615 | 11.555 |
| 836 | 25/03/2025 06:00 | 0.739  | 4.261  | 11.555 |
| 837 | 25/03/2025 07:00 | 0.7375 | 4.2625 | 11.555 |
| 838 | 25/03/2025 08:00 | 0.7375 | 4.2625 | 11.563 |
| 839 | 25/03/2025 09:00 | 0.7385 | 4.2615 | 11.555 |
| 840 | 25/03/2025 10:00 | 0.7375 | 4.2625 | 11.563 |
| 841 | 25/03/2025 11:00 | 0.7375 | 4.2625 | 11.555 |
| 842 | 25/03/2025 12:00 | 0.738  | 4.262  | 11.555 |
| 843 | 25/03/2025 13:00 | 0.738  | 4.262  | 11.555 |
| 844 | 25/03/2025 14:00 | 0.7385 | 4.2615 | 11.555 |
| 845 | 25/03/2025 15:00 | 0.7375 | 4.2625 | 11.555 |
| 846 | 25/03/2025 16:00 | 0.738  | 4.262  | 11.555 |
| 847 | 25/03/2025 17:00 | 0.738  | 4.262  | 11.555 |
| 848 | 25/03/2025 18:00 | 0.7375 | 4.2625 | 11.563 |
| 849 | 25/03/2025 19:00 | 0.737  | 4.263  | 11.555 |
| 850 | 25/03/2025 20:00 | 0.7375 | 4.2625 | 11.555 |
| 851 | 25/03/2025 21:00 | 0.737  | 4.263  | 11.555 |
| 852 | 25/03/2025 22:00 | 0.7364 | 4.2636 | 11.547 |
| 853 | 25/03/2025 23:00 | 0.7364 | 4.2636 | 11.547 |
| 854 | 26/03/2025 00:00 | 0.7359 | 4.2641 | 11.555 |
| 855 | 26/03/2025 01:00 | 0.7354 | 4.2646 | 11.555 |
| 856 | 26/03/2025 02:00 | 0.7364 | 4.2636 | 11.555 |
| 857 | 26/03/2025 03:00 | 0.7359 | 4.2641 | 11.547 |
| 858 | 26/03/2025 04:00 | 0.7349 | 4.2651 | 11.547 |
| 859 | 26/03/2025 05:00 | 0.7349 | 4.2651 | 11.555 |
| 860 | 26/03/2025 06:00 | 0.7349 | 4.2651 | 11.555 |
| 861 | 26/03/2025 07:00 | 0.7349 | 4.2651 | 11.547 |
| 862 | 26/03/2025 08:00 | 0.7339 | 4.2661 | 11.555 |
| 863 | 26/03/2025 09:00 | 0.7328 | 4.2672 | 11.555 |
| 864 | 26/03/2025 10:00 | 0.7339 | 4.2661 | 11.555 |
| 865 | 26/03/2025 11:00 | 0.7344 | 4.2656 | 11.547 |
| 866 | 26/03/2025 12:00 | 0.7339 | 4.2661 | 11.555 |
| 867 | 26/03/2025 13:00 | 0.7333 | 4.2667 | 11.555 |
| 868 | 26/03/2025 14:00 | 0.7328 | 4.2672 | 11.547 |
| 869 | 26/03/2025 15:00 | 0.7328 | 4.2672 | 11.547 |
| 870 | 26/03/2025 16:00 | 0.7328 | 4.2672 | 11.547 |
| 871 | 26/03/2025 17:00 | 0.7328 | 4.2672 | 11.547 |
| 872 | 26/03/2025 18:00 | 0.7333 | 4.2667 | 11.539 |
| 873 | 26/03/2025 19:00 | 0.7328 | 4.2672 | 11.547 |

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| 874 | 26/03/2025 20:00 | 0.7328 | 4.2672 | 11.547 |
| 875 | 26/03/2025 21:00 | 0.7323 | 4.2677 | 11.547 |
| 876 | 26/03/2025 22:00 | 0.7323 | 4.2677 | 11.539 |
| 877 | 26/03/2025 23:00 | 0.7318 | 4.2682 | 11.539 |
| 878 | 27/03/2025 00:00 | 0.7323 | 4.2677 | 11.539 |
| 879 | 27/03/2025 01:00 | 0.7313 | 4.2687 | 11.539 |
| 880 | 27/03/2025 02:00 | 0.7318 | 4.2682 | 11.547 |
| 881 | 27/03/2025 03:00 | 0.7313 | 4.2687 | 11.547 |
| 882 | 27/03/2025 04:00 | 0.7313 | 4.2687 | 11.547 |
| 883 | 27/03/2025 05:00 | 0.7323 | 4.2677 | 11.539 |
| 884 | 27/03/2025 06:00 | 0.7313 | 4.2687 | 11.531 |
| 885 | 27/03/2025 07:00 | 0.7323 | 4.2677 | 11.539 |
| 886 | 27/03/2025 08:00 | 0.7308 | 4.2692 | 11.539 |
| 887 | 27/03/2025 09:00 | 0.7308 | 4.2692 | 11.531 |
| 888 | 27/03/2025 10:00 | 0.7308 | 4.2692 | 11.547 |
| 889 | 27/03/2025 11:00 | 0.7303 | 4.2697 | 11.531 |
| 890 | 27/03/2025 12:00 | 0.7308 | 4.2692 | 11.531 |
| 891 | 27/03/2025 13:00 | 0.7318 | 4.2682 | 11.531 |
| 892 | 27/03/2025 14:00 | 0.7308 | 4.2692 | 11.531 |
| 893 | 27/03/2025 15:00 | 0.7313 | 4.2687 | 11.531 |
| 894 | 27/03/2025 16:00 | 0.7308 | 4.2692 | 11.539 |
| 895 | 27/03/2025 17:00 | 0.7318 | 4.2682 | 11.539 |
| 896 | 27/03/2025 18:00 | 0.7313 | 4.2687 | 11.531 |
| 897 | 27/03/2025 19:00 | 0.7303 | 4.2697 | 11.531 |
| 898 | 27/03/2025 20:00 | 0.7308 | 4.2692 | 11.539 |
| 899 | 27/03/2025 21:00 | 0.7313 | 4.2687 | 11.539 |
| 900 | 27/03/2025 22:00 | 0.7303 | 4.2697 | 11.531 |
| 901 | 27/03/2025 23:00 | 0.7292 | 4.2708 | 11.531 |
| 902 | 28/03/2025 00:00 | 0.7303 | 4.2697 | 11.531 |
| 903 | 28/03/2025 01:00 | 0.7303 | 4.2697 | 11.523 |
| 904 | 28/03/2025 02:00 | 0.7297 | 4.2703 | 11.531 |
| 905 | 28/03/2025 03:00 | 0.7308 | 4.2692 | 11.531 |
| 906 | 28/03/2025 04:00 | 0.7308 | 4.2692 | 11.523 |
| 907 | 28/03/2025 05:00 | 0.7303 | 4.2697 | 11.531 |
| 908 | 28/03/2025 06:00 | 0.7308 | 4.2692 | 11.531 |
| 909 | 28/03/2025 07:00 | 0.7297 | 4.2703 | 11.539 |
| 910 | 28/03/2025 08:00 | 0.7303 | 4.2697 | 11.531 |
| 911 | 28/03/2025 09:00 | 0.7297 | 4.2703 | 11.539 |
| 912 | 28/03/2025 10:00 | 0.7303 | 4.2697 | 11.531 |
| 913 | 28/03/2025 11:00 | 0.7303 | 4.2697 | 11.531 |
| 914 | 28/03/2025 12:00 | 0.7313 | 4.2687 | 11.531 |
| 915 | 28/03/2025 13:00 | 0.7297 | 4.2703 | 11.523 |
| 916 | 28/03/2025 14:00 | 0.7313 | 4.2687 | 11.531 |
| 917 | 28/03/2025 15:00 | 0.7308 | 4.2692 | 11.523 |
| 918 | 28/03/2025 16:00 | 0.7308 | 4.2692 | 11.516 |
| 919 | 28/03/2025 17:00 | 0.7297 | 4.2703 | 11.516 |
| 920 | 28/03/2025 18:00 | 0.7308 | 4.2692 | 11.523 |
| 921 | 28/03/2025 19:00 | 0.7297 | 4.2703 | 11.523 |
| 922 | 28/03/2025 20:00 | 0.7292 | 4.2708 | 11.523 |
| 923 | 28/03/2025 21:00 | 0.7292 | 4.2708 | 11.523 |
| 924 | 28/03/2025 22:00 | 0.7277 | 4.2723 | 11.523 |
| 925 | 28/03/2025 23:00 | 0.7282 | 4.2718 | 11.523 |
| 926 | 29/03/2025 00:00 | 0.7282 | 4.2718 | 11.531 |
| 927 | 29/03/2025 01:00 | 0.7272 | 4.2728 | 11.523 |
| 928 | 29/03/2025 02:00 | 0.7267 | 4.2733 | 11.516 |
| 929 | 29/03/2025 03:00 | 0.7277 | 4.2723 | 11.516 |
| 930 | 29/03/2025 04:00 | 0.7261 | 4.2739 | 11.516 |
| 931 | 29/03/2025 05:00 | 0.7272 | 4.2728 | 11.523 |
| 932 | 29/03/2025 06:00 | 0.7261 | 4.2739 | 11.523 |

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| 933 | 29/03/2025 07:00 | 0.7256 | 4.2744 | 11.516 |
| 934 | 29/03/2025 08:00 | 0.7261 | 4.2739 | 11.516 |
| 935 | 29/03/2025 09:00 | 0.7246 | 4.2754 | 11.516 |
| 936 | 29/03/2025 10:00 | 0.7251 | 4.2749 | 11.523 |
| 937 | 29/03/2025 11:00 | 0.7256 | 4.2744 | 11.516 |
| 938 | 29/03/2025 12:00 | 0.7241 | 4.2759 | 11.523 |
| 939 | 29/03/2025 13:00 | 0.7241 | 4.2759 | 11.516 |
| 940 | 29/03/2025 14:00 | 0.723  | 4.277  | 11.523 |
| 941 | 29/03/2025 15:00 | 0.7236 | 4.2764 | 11.508 |
| 942 | 29/03/2025 16:00 | 0.7246 | 4.2754 | 11.516 |
| 943 | 29/03/2025 17:00 | 0.7241 | 4.2759 | 11.508 |
| 944 | 29/03/2025 18:00 | 0.7241 | 4.2759 | 11.516 |
| 945 | 29/03/2025 19:00 | 0.723  | 4.277  | 11.516 |
| 946 | 29/03/2025 20:00 | 0.7225 | 4.2775 | 11.508 |
| 947 | 29/03/2025 21:00 | 0.7225 | 4.2775 | 11.523 |
| 948 | 29/03/2025 22:00 | 0.7246 | 4.2754 | 11.508 |
| 949 | 29/03/2025 23:00 | 0.7236 | 4.2764 | 11.516 |
| 950 | 30/03/2025 00:00 | 0.7236 | 4.2764 | 11.523 |
| 951 | 30/03/2025 02:00 | 0.7236 | 4.2764 | 11.516 |
| 952 | 30/03/2025 03:00 | 0.723  | 4.277  | 11.508 |
| 953 | 30/03/2025 04:00 | 0.7241 | 4.2759 | 11.5   |
| 954 | 30/03/2025 05:00 | 0.722  | 4.278  | 11.508 |
| 955 | 30/03/2025 06:00 | 0.723  | 4.277  | 11.508 |
| 956 | 30/03/2025 07:00 | 0.722  | 4.278  | 11.508 |
| 957 | 30/03/2025 08:00 | 0.722  | 4.278  | 11.508 |
| 958 | 30/03/2025 09:00 | 0.721  | 4.279  | 11.508 |
| 959 | 30/03/2025 10:00 | 0.722  | 4.278  | 11.516 |
| 960 | 30/03/2025 11:00 | 0.722  | 4.278  | 11.508 |
| 961 | 30/03/2025 12:00 | 0.722  | 4.278  | 11.508 |
| 962 | 30/03/2025 13:00 | 0.721  | 4.279  | 11.508 |
| 963 | 30/03/2025 14:00 | 0.721  | 4.279  | 11.516 |
| 964 | 30/03/2025 15:00 | 0.721  | 4.279  | 11.516 |
| 965 | 30/03/2025 16:00 | 0.7205 | 4.2795 | 11.508 |
| 966 | 30/03/2025 17:00 | 0.721  | 4.279  | 11.516 |
| 967 | 30/03/2025 18:00 | 0.721  | 4.279  | 11.5   |
| 968 | 30/03/2025 19:00 | 0.7194 | 4.2806 | 11.5   |
| 969 | 30/03/2025 20:00 | 0.7194 | 4.2806 | 11.516 |
| 970 | 30/03/2025 21:00 | 0.7194 | 4.2806 | 11.508 |
| 971 | 30/03/2025 22:00 | 0.7194 | 4.2806 | 11.508 |
| 972 | 30/03/2025 23:00 | 0.7184 | 4.2816 | 11.5   |
| 973 | 31/03/2025 00:00 | 0.7194 | 4.2806 | 11.508 |
| 974 | 31/03/2025 01:00 | 0.7184 | 4.2816 | 11.5   |
| 975 | 31/03/2025 02:00 | 0.7189 | 4.2811 | 11.508 |
| 976 | 31/03/2025 03:00 | 0.7179 | 4.2821 | 11.492 |
| 977 | 31/03/2025 04:00 | 0.7184 | 4.2816 | 11.508 |
| 978 | 31/03/2025 05:00 | 0.7174 | 4.2826 | 11.5   |
| 979 | 31/03/2025 06:00 | 0.7179 | 4.2821 | 11.5   |
| 980 | 31/03/2025 07:00 | 0.7179 | 4.2821 | 11.5   |
| 981 | 31/03/2025 08:00 | 0.7174 | 4.2826 | 11.5   |
| 982 | 31/03/2025 09:00 | 0.7174 | 4.2826 | 11.5   |
| 983 | 31/03/2025 10:00 | 0.7164 | 4.2836 | 11.5   |
| 984 | 31/03/2025 11:00 | 0.7158 | 4.2842 | 11.5   |
| 985 | 31/03/2025 12:00 | 0.7169 | 4.2831 | 11.492 |
| 986 | 31/03/2025 13:00 | 0.7174 | 4.2826 | 11.5   |
| 987 | 31/03/2025 14:00 | 0.7174 | 4.2826 | 11.5   |
| 988 | 31/03/2025 15:00 | 0.7169 | 4.2831 | 11.5   |
| 989 | 31/03/2025 16:00 | 0.7174 | 4.2826 | 11.5   |
| 990 | 31/03/2025 17:00 | 0.7174 | 4.2826 | 11.5   |
| 991 | 31/03/2025 18:00 | 0.7164 | 4.2836 | 11.5   |

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| 992   | 31/03/2025 19:00 | 0.7158 | 4.2842 | 11.492 |
| 993   | 31/03/2025 20:00 | 0.7158 | 4.2842 | 11.492 |
| 994   | 31/03/2025 21:00 | 0.7153 | 4.2847 | 11.5   |
| 995   | 31/03/2025 22:00 | 0.7158 | 4.2842 | 11.492 |
| 996   | 31/03/2025 23:00 | 0.7153 | 4.2847 | 11.492 |
| 997   | 01/04/2025 00:00 | 0.7169 | 4.2831 | 11.492 |
| 998   | 01/04/2025 01:00 | 0.7164 | 4.2836 | 11.492 |
| 999   | 01/04/2025 02:00 | 0.7158 | 4.2842 | 11.492 |
| 1,000 | 01/04/2025 03:00 | 0.7158 | 4.2842 | 11.492 |
| 1,001 | 01/04/2025 04:00 | 0.7169 | 4.2831 | 11.492 |
| 1,002 | 01/04/2025 05:00 | 0.7164 | 4.2836 | 11.492 |
| 1,003 | 01/04/2025 06:00 | 0.7164 | 4.2836 | 11.484 |
| 1,004 | 01/04/2025 07:00 | 0.7158 | 4.2842 | 11.492 |
| 1,005 | 01/04/2025 08:00 | 0.7158 | 4.2842 | 11.484 |
| 1,006 | 01/04/2025 09:00 | 0.7153 | 4.2847 | 11.492 |
| 1,007 | 01/04/2025 10:00 | 0.7164 | 4.2836 | 11.492 |
| 1,008 | 01/04/2025 11:00 | 0.7158 | 4.2842 | 11.492 |
| 1,009 | 01/04/2025 12:00 | 0.7158 | 4.2842 | 11.484 |
| 1,010 | 01/04/2025 13:00 | 0.7169 | 4.2831 | 11.484 |
| 1,011 | 01/04/2025 14:00 | 0.7158 | 4.2842 | 11.492 |
| 1,012 | 01/04/2025 15:00 | 0.7169 | 4.2831 | 11.484 |
| 1,013 | 01/04/2025 16:00 | 0.7164 | 4.2836 | 11.492 |
| 1,014 | 01/04/2025 17:00 | 0.7174 | 4.2826 | 11.484 |
| 1,015 | 01/04/2025 18:00 | 0.7164 | 4.2836 | 11.492 |
| 1,016 | 01/04/2025 19:00 | 0.7153 | 4.2847 | 11.492 |
| 1,017 | 01/04/2025 20:00 | 0.7164 | 4.2836 | 11.484 |
| 1,018 | 01/04/2025 21:00 | 0.7153 | 4.2847 | 11.492 |
| 1,019 | 01/04/2025 22:00 | 0.7148 | 4.2852 | 11.484 |
| 1,020 | 01/04/2025 23:00 | 0.7158 | 4.2842 | 11.484 |
| 1,021 | 02/04/2025 00:00 | 0.7148 | 4.2852 | 11.484 |
| 1,022 | 02/04/2025 01:00 | 0.7153 | 4.2847 | 11.484 |
| 1,023 | 02/04/2025 02:00 | 0.7143 | 4.2857 | 11.484 |
| 1,024 | 02/04/2025 03:00 | 0.7148 | 4.2852 | 11.477 |
| 1,025 | 02/04/2025 04:00 | 0.7158 | 4.2842 | 11.484 |
| 1,026 | 02/04/2025 05:00 | 0.7148 | 4.2852 | 11.484 |
| 1,027 | 02/04/2025 06:00 | 0.7148 | 4.2852 | 11.484 |
| 1,028 | 02/04/2025 07:00 | 0.7153 | 4.2847 | 11.484 |
| 1,029 | 02/04/2025 08:00 | 0.7153 | 4.2847 | 11.477 |
| 1,030 | 02/04/2025 09:00 | 0.7148 | 4.2852 | 11.484 |
| 1,031 | 02/04/2025 10:00 | 0.7127 | 4.2873 | 11.484 |
| 1,032 | 02/04/2025 11:00 | 0.7148 | 4.2852 | 11.477 |
| 1,033 | 02/04/2025 12:00 | 0.7148 | 4.2852 | 11.484 |
| 1,034 | 02/04/2025 13:00 | 0.7143 | 4.2857 | 11.477 |
| 1,035 | 02/04/2025 14:00 | 0.7153 | 4.2847 | 11.477 |
| 1,036 | 02/04/2025 15:00 | 0.7143 | 4.2857 | 11.477 |
| 1,037 | 02/04/2025 16:00 | 0.7143 | 4.2857 | 11.477 |
| 1,038 | 02/04/2025 17:00 | 0.7138 | 4.2862 | 11.477 |
| 1,039 | 02/04/2025 18:00 | 0.7148 | 4.2852 | 11.477 |
| 1,040 | 02/04/2025 19:00 | 0.7148 | 4.2852 | 11.477 |
| 1,041 | 02/04/2025 20:00 | 0.7138 | 4.2862 | 11.477 |
| 1,042 | 02/04/2025 21:00 | 0.7133 | 4.2867 | 11.484 |
| 1,043 | 02/04/2025 22:00 | 0.7138 | 4.2862 | 11.469 |
| 1,044 | 02/04/2025 23:00 | 0.7127 | 4.2873 | 11.477 |
| 1,045 | 03/04/2025 00:00 | 0.7143 | 4.2857 | 11.477 |
| 1,046 | 03/04/2025 01:00 | 0.7133 | 4.2867 | 11.477 |
| 1,047 | 03/04/2025 02:00 | 0.7133 | 4.2867 | 11.477 |
| 1,048 | 03/04/2025 03:00 | 0.7138 | 4.2862 | 11.477 |
| 1,049 | 03/04/2025 04:00 | 0.7138 | 4.2862 | 11.469 |
| 1,050 | 03/04/2025 05:00 | 0.7133 | 4.2867 | 11.469 |

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|-------|------------------|--------|--------|--------|
| 1,051 | 03/04/2025 06:00 | 0.7127 | 4.2873 | 11.469 |
| 1,052 | 03/04/2025 07:00 | 0.7138 | 4.2862 | 11.477 |
| 1,053 | 03/04/2025 08:00 | 0.7122 | 4.2878 | 11.461 |
| 1,054 | 03/04/2025 09:00 | 0.7122 | 4.2878 | 11.461 |
| 1,055 | 03/04/2025 10:00 | 0.7117 | 4.2883 | 11.461 |
| 1,056 | 03/04/2025 11:00 | 0.7122 | 4.2878 | 11.461 |
| 1,057 | 03/04/2025 12:00 | 0.7133 | 4.2867 | 11.461 |
| 1,058 | 03/04/2025 13:00 | 0.7127 | 4.2873 | 11.461 |
| 1,059 | 03/04/2025 14:00 | 0.7122 | 4.2878 | 11.469 |
| 1,060 | 03/04/2025 15:00 | 0.7127 | 4.2873 | 11.461 |
| 1,061 | 03/04/2025 16:00 | 0.7122 | 4.2878 | 11.461 |
| 1,062 | 03/04/2025 17:00 | 0.7127 | 4.2873 | 11.461 |
| 1,063 | 03/04/2025 18:00 | 0.7112 | 4.2888 | 11.469 |
| 1,064 | 03/04/2025 19:00 | 0.7117 | 4.2883 | 11.461 |
| 1,065 | 03/04/2025 20:00 | 0.7117 | 4.2883 | 11.469 |
| 1,066 | 03/04/2025 21:00 | 0.7117 | 4.2883 | 11.461 |
| 1,067 | 03/04/2025 22:00 | 0.7107 | 4.2893 | 11.469 |
| 1,068 | 03/04/2025 23:00 | 0.7107 | 4.2893 | 11.469 |
| 1,069 | 04/04/2025 00:00 | 0.7107 | 4.2893 | 11.461 |
| 1,070 | 04/04/2025 01:00 | 0.7107 | 4.2893 | 11.461 |
| 1,071 | 04/04/2025 02:00 | 0.7107 | 4.2893 | 11.453 |
| 1,072 | 04/04/2025 03:00 | 0.7112 | 4.2888 | 11.461 |
| 1,073 | 04/04/2025 04:00 | 0.7107 | 4.2893 | 11.461 |
| 1,074 | 04/04/2025 05:00 | 0.7107 | 4.2893 | 11.461 |
| 1,075 | 04/04/2025 06:00 | 0.7102 | 4.2898 | 11.453 |
| 1,076 | 04/04/2025 07:00 | 0.7112 | 4.2888 | 11.461 |
| 1,077 | 04/04/2025 08:00 | 0.7091 | 4.2909 | 11.453 |
| 1,078 | 04/04/2025 09:00 | 0.7102 | 4.2898 | 11.461 |
| 1,079 | 04/04/2025 10:00 | 0.7107 | 4.2893 | 11.453 |
| 1,080 | 04/04/2025 11:00 | 0.7097 | 4.2903 | 11.461 |
| 1,081 | 04/04/2025 12:00 | 0.7102 | 4.2898 | 11.453 |
| 1,082 | 04/04/2025 13:00 | 0.7097 | 4.2903 | 11.453 |
| 1,083 | 04/04/2025 14:00 | 0.7102 | 4.2898 | 11.461 |
| 1,084 | 04/04/2025 15:00 | 0.7107 | 4.2893 | 11.461 |
| 1,085 | 04/04/2025 16:00 | 0.7107 | 4.2893 | 11.461 |
| 1,086 | 04/04/2025 17:00 | 0.7097 | 4.2903 | 11.453 |
| 1,087 | 04/04/2025 18:00 | 0.7097 | 4.2903 | 11.461 |
| 1,088 | 04/04/2025 19:00 | 0.7102 | 4.2898 | 11.453 |
| 1,089 | 04/04/2025 20:00 | 0.7097 | 4.2903 | 11.453 |
| 1,090 | 04/04/2025 21:00 | 0.7086 | 4.2914 | 11.461 |
| 1,091 | 04/04/2025 22:00 | 0.7086 | 4.2914 | 11.453 |
| 1,092 | 04/04/2025 23:00 | 0.7091 | 4.2909 | 11.453 |
| 1,093 | 05/04/2025 00:00 | 0.7086 | 4.2914 | 11.453 |
| 1,094 | 05/04/2025 01:00 | 0.7081 | 4.2919 | 11.453 |
| 1,095 | 05/04/2025 02:00 | 0.7076 | 4.2924 | 11.453 |
| 1,096 | 05/04/2025 03:00 | 0.7076 | 4.2924 | 11.453 |
| 1,097 | 05/04/2025 04:00 | 0.7076 | 4.2924 | 11.461 |
| 1,098 | 05/04/2025 05:00 | 0.7076 | 4.2924 | 11.453 |
| 1,099 | 05/04/2025 06:00 | 0.7076 | 4.2924 | 11.461 |
| 1,100 | 05/04/2025 07:00 | 0.7071 | 4.2929 | 11.438 |
| 1,101 | 05/04/2025 08:00 | 0.7071 | 4.2929 | 11.445 |
| 1,102 | 05/04/2025 09:00 | 0.7076 | 4.2924 | 11.453 |
| 1,103 | 05/04/2025 10:00 | 0.7071 | 4.2929 | 11.461 |
| 1,104 | 05/04/2025 11:00 | 0.7066 | 4.2934 | 11.453 |
| 1,105 | 05/04/2025 12:00 | 0.7071 | 4.2929 | 11.453 |
| 1,106 | 05/04/2025 13:00 | 0.7066 | 4.2934 | 11.445 |
| 1,107 | 05/04/2025 14:00 | 0.7061 | 4.2939 | 11.461 |
| 1,108 | 05/04/2025 15:00 | 0.7066 | 4.2934 | 11.453 |
| 1,109 | 05/04/2025 16:00 | 0.7055 | 4.2945 | 11.461 |

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|-------|------------------|--------|--------|--------|
| 1,110 | 05/04/2025 17:00 | 0.7061 | 4.2939 | 11.453 |
| 1,111 | 05/04/2025 18:00 | 0.705  | 4.295  | 11.453 |
| 1,112 | 05/04/2025 19:00 | 0.705  | 4.295  | 11.453 |
| 1,113 | 05/04/2025 20:00 | 0.7045 | 4.2955 | 11.453 |
| 1,114 | 05/04/2025 21:00 | 0.705  | 4.295  | 11.445 |
| 1,115 | 05/04/2025 22:00 | 0.7055 | 4.2945 | 11.438 |
| 1,116 | 05/04/2025 23:00 | 0.7045 | 4.2955 | 11.461 |
| 1,117 | 06/04/2025 00:00 | 0.7035 | 4.2965 | 11.445 |
| 1,118 | 06/04/2025 01:00 | 0.705  | 4.295  | 11.453 |
| 1,119 | 06/04/2025 02:00 | 0.704  | 4.296  | 11.445 |
| 1,120 | 06/04/2025 03:00 | 0.7035 | 4.2965 | 11.445 |
| 1,121 | 06/04/2025 04:00 | 0.704  | 4.296  | 11.453 |
| 1,122 | 06/04/2025 05:00 | 0.7045 | 4.2955 | 11.445 |
| 1,123 | 06/04/2025 06:00 | 0.704  | 4.296  | 11.445 |
| 1,124 | 06/04/2025 07:00 | 0.7035 | 4.2965 | 11.438 |
| 1,125 | 06/04/2025 08:00 | 0.7035 | 4.2965 | 11.438 |
| 1,126 | 06/04/2025 09:00 | 0.703  | 4.297  | 11.445 |
| 1,127 | 06/04/2025 10:00 | 0.7024 | 4.2976 | 11.445 |
| 1,128 | 06/04/2025 11:00 | 0.703  | 4.297  | 11.445 |
| 1,129 | 06/04/2025 12:00 | 0.7014 | 4.2986 | 11.445 |
| 1,130 | 06/04/2025 13:00 | 0.7024 | 4.2976 | 11.445 |
| 1,131 | 06/04/2025 14:00 | 0.7024 | 4.2976 | 11.438 |
| 1,132 | 06/04/2025 15:00 | 0.7024 | 4.2976 | 11.445 |
| 1,133 | 06/04/2025 16:00 | 0.7024 | 4.2976 | 11.453 |
| 1,134 | 06/04/2025 17:00 | 0.7035 | 4.2965 | 11.445 |
| 1,135 | 06/04/2025 18:00 | 0.7019 | 4.2981 | 11.445 |
| 1,136 | 06/04/2025 19:00 | 0.7009 | 4.2991 | 11.445 |
| 1,137 | 06/04/2025 20:00 | 0.7019 | 4.2981 | 11.445 |
| 1,138 | 06/04/2025 21:00 | 0.7019 | 4.2981 | 11.438 |
| 1,139 | 06/04/2025 22:00 | 0.7019 | 4.2981 | 11.438 |
| 1,140 | 06/04/2025 23:00 | 0.7009 | 4.2991 | 11.445 |
| 1,141 | 07/04/2025 00:00 | 0.6999 | 4.3001 | 11.438 |
| 1,142 | 07/04/2025 01:00 | 0.7009 | 4.2991 | 11.438 |
| 1,143 | 07/04/2025 02:00 | 0.7009 | 4.2991 | 11.43  |
| 1,144 | 07/04/2025 03:00 | 0.7009 | 4.2991 | 11.438 |
| 1,145 | 07/04/2025 04:00 | 0.7004 | 4.2996 | 11.43  |
| 1,146 | 07/04/2025 05:00 | 0.7009 | 4.2991 | 11.445 |
| 1,147 | 07/04/2025 06:00 | 0.7004 | 4.2996 | 11.438 |
| 1,148 | 07/04/2025 07:00 | 0.7004 | 4.2996 | 11.438 |
| 1,149 | 07/04/2025 08:00 | 0.6999 | 4.3001 | 11.438 |
| 1,150 | 07/04/2025 09:00 | 0.6999 | 4.3001 | 11.43  |
| 1,151 | 07/04/2025 10:00 | 0.6999 | 4.3001 | 11.438 |
| 1,152 | 07/04/2025 11:00 | 0.6994 | 4.3006 | 11.438 |
| 1,153 | 07/04/2025 12:00 | 0.7004 | 4.2996 | 11.438 |
| 1,154 | 07/04/2025 13:00 | 0.6999 | 4.3001 | 11.438 |
| 1,155 | 07/04/2025 14:00 | 0.7004 | 4.2996 | 11.438 |
| 1,156 | 07/04/2025 15:00 | 0.6999 | 4.3001 | 11.422 |
| 1,157 | 07/04/2025 16:00 | 0.7009 | 4.2991 | 11.445 |
| 1,158 | 07/04/2025 17:00 | 0.6999 | 4.3001 | 11.438 |
| 1,159 | 07/04/2025 18:00 | 0.6994 | 4.3006 | 11.438 |
| 1,160 | 07/04/2025 19:00 | 0.6994 | 4.3006 | 11.438 |
| 1,161 | 07/04/2025 20:00 | 0.7004 | 4.2996 | 11.43  |
| 1,162 | 07/04/2025 21:00 | 0.6999 | 4.3001 | 11.438 |
| 1,163 | 07/04/2025 22:00 | 0.6988 | 4.3012 | 11.438 |
| 1,164 | 07/04/2025 23:00 | 0.6983 | 4.3017 | 11.43  |
| 1,165 | 08/04/2025 00:00 | 0.6988 | 4.3012 | 11.438 |
| 1,166 | 08/04/2025 01:00 | 0.6983 | 4.3017 | 11.43  |
| 1,167 | 08/04/2025 02:00 | 0.6988 | 4.3012 | 11.43  |
| 1,168 | 08/04/2025 03:00 | 0.6983 | 4.3017 | 11.438 |

|       |                  |        |        |        |
|-------|------------------|--------|--------|--------|
| 1,169 | 08/04/2025 04:00 | 0.6988 | 4.3012 | 11.438 |
| 1,170 | 08/04/2025 05:00 | 0.6973 | 4.3027 | 11.438 |
| 1,171 | 08/04/2025 06:00 | 0.6973 | 4.3027 | 11.438 |
| 1,172 | 08/04/2025 07:00 | 0.6983 | 4.3017 | 11.438 |
| 1,173 | 08/04/2025 08:00 | 0.6973 | 4.3027 | 11.445 |
| 1,174 | 08/04/2025 09:00 | 0.6973 | 4.3027 | 11.438 |
| 1,175 | 08/04/2025 10:00 | 0.6983 | 4.3017 | 11.43  |
| 1,176 | 08/04/2025 11:00 | 0.6983 | 4.3017 | 11.43  |
| 1,177 | 08/04/2025 12:00 | 0.6978 | 4.3022 | 11.43  |
| 1,178 | 08/04/2025 13:00 | 0.6988 | 4.3012 | 11.43  |
| 1,179 | 08/04/2025 14:00 | 0.6983 | 4.3017 | 11.43  |
| 1,180 | 08/04/2025 15:00 | 0.6978 | 4.3022 | 11.43  |
| 1,181 | 08/04/2025 16:00 | 0.6983 | 4.3017 | 11.422 |
| 1,182 | 08/04/2025 17:00 | 0.6978 | 4.3022 | 11.43  |
| 1,183 | 08/04/2025 18:00 | 0.6983 | 4.3017 | 11.43  |
| 1,184 | 08/04/2025 19:00 | 0.6978 | 4.3022 | 11.43  |
| 1,185 | 08/04/2025 20:00 | 0.6973 | 4.3027 | 11.43  |
| 1,186 | 08/04/2025 21:00 | 0.6968 | 4.3032 | 11.422 |
| 1,187 | 08/04/2025 22:00 | 0.6973 | 4.3027 | 11.422 |
| 1,188 | 08/04/2025 23:00 | 0.6973 | 4.3027 | 11.422 |