Test Report Issued To:

PALOMA REALTY LLP

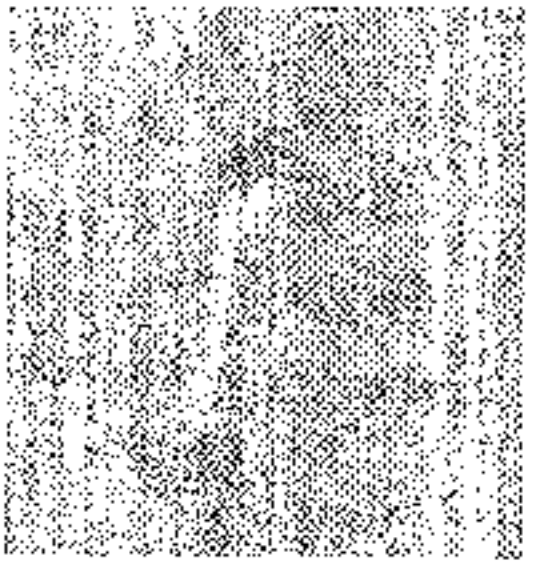
7/88 - 7/89,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

| | |
|---|---|
| Test Report No: | K24080901 2/K24080901 2-21 |
| Issue Date: | 27-Aug-2024 |
| Sample Booking/Receipt Date: | 09-Aug-2024 |
| Test Start Date: | 24-Aug-2024 |
| Test Completion Date: | 27-Aug-2024 |

Customer Relationship Number 78800

**Sample Description :**

TMT BAR DIA-10 MM MAKE-SAIL, GRADE-FE-550D



Customer Reference No :
EMAIL DATED 09.08.2024

Kind Attention : MR. GOPAL VERMA (G.M.- PROJECTS)

E-Mail: palomarealtyllp@gmail.com Contact No: 9411836345

Sample Condition : Good

Sample Quantity (Approx) : 3 - Nos Sample Size (Approx) : [illegible]

SAMPLE NOT DRAWN BY OUR LABORATORY, THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Authorised Signatory
SANJEET KUMAR
SHIRA
Date: 2024.08.27
Report Issued by

ULR-TC754524000037920F

Authenticity of report can be verified by mail to [illegible]
This is a [illegible]

DISCIPLINE - CHEMICAL
GROUP - METALS & ALLOYS
PRODUCT - LOW ALLOY AND CARBON STEEL

## LOW ALLOY STEEL

Date: 23/08/2024 5:10:00 PM
Sample ID: K240809012-21

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

| Element | % | Specified | Confidently | Test Method |
|---|---|---|---|---|
| Carbon | 0.230 | 0.25 Max | Yes | ASTM E 415: 2021 |
| Silicon | 0.219 | -- | -- | --do-- |
| Manganese | 0.866 | --- | --- | --do-- |
| Sulphur | 0.015 | 0.04 Max | Yes | --do-- |
| Phosphorus | 0.0370 | 0.04 Max | Yes | --do-- |
| Nickel | 0.074 | -- | --- | --do-- |
| Chromium | 0.038 | -- | --- | --do-- |
| Molybdenum | 0.043 | --- | --- | --do-- |
| Niobium | 0.010 | --- | --- | --do-- |
| Boron | 0.0001 | --- | --- | IS 8811: 1998 |

Remark: Sample confirms to the requirements of IS:1786-2008Gr-Fe 550 D (RA-2017) w.r.t above test.

SANJEET KUMAR MISHRA

Digitally signed by SANJEET KUMAR MISHRA
Date: 2024.08.28 18:37:29 +05'30'

ID-K240809012-2

Sample condition: Un-machined

Tmt (mm)-10

Discipline-Mechanical
Group-Mechanical properties of metals

| S.No | Test Parameter | Results | Requirement value as per IS:1786-2008(R-18) Gr-Fe550D | Test method |
|---|---|---|---|---|
| 1 | Ultimate Tensile strength (N/mm²) | 674.6 | Not less than 600(N/mm²) | IS 1608(pt-1)-2022 |
| 2 | Yield stress (N/mm²) | 603.4 | 550min. | IS 1608(pt-1)-2022 |
| 3 | Elongation (%) | 20.3 | 14.5Min. | IS 1608(pt-1)-2022 |
| 4 | Mass per meter(kg) | 0.581 | 0.617±7% | IS 1786-2008(R-18) |
| 5 | Bend Test(180°x4d) | No rupture & no crack visible on the bent portion. | The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the bent portion | IS 1599-2019 |
| 6 | Re-Bend test<br>i. Angle of bend:135°x6d<br>Angle of re bend:157.5°x6d | No rupture & no crack visible on the rebent portion. | The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the rebent portion | IS 1786-2008(R-18) |

Remark: The sample confirms IS: 1786-2008(R-18) Gr-Fe550D with respect above test results.

SANJEET KUMAR MISHRA

Digitally signed by Satish Yadav
Date: 2024.08.27 18:35:42 +0530

[illegible]

1. Area of Application

[illegible]

2. Representation Clause

[illegible]

3. Price and Terms of Payment

[illegible]

4. Delivery of Goods

[illegible]

5. Property Rights on Sample Materials and Work in Progress

[illegible]

6. Warranty

[illegible]

7. Passage of Property

[illegible]

8. Limited Warranties and Liability

[illegible]

9. Intellectual Property Rights

[illegible]

10. Force Majeure

[illegible]

12. Confidentiality & Proprietary Information

[illegible]

14. Termination

[illegible]

15. Miscellaneous

[illegible]

16. Governing Law; Jurisdiction

[illegible]

* End of Report *

Test Report Issued To:

PALOMA REALTY LLP

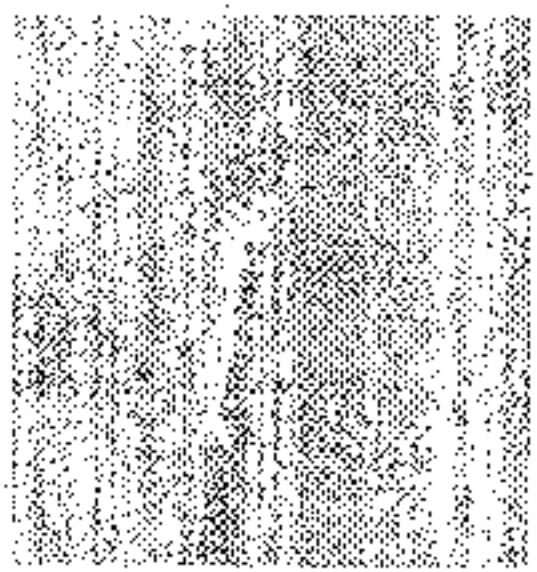
798 - 799,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

Test Report No: K24080901 2/K24080901 2-20
Issue Date: 27-Aug-2024
Sample Booking/Receipt Date: 09-Aug-2024
Test Start Date: 21-Aug-2024
Test Completion Date: 27-Aug-2024

Customer Relationship Number 78800

**Sample Description :**

TMT BAR DIA-10 MM MAKE-SAIL, GRADE-FE-550D



Customer Reference No :
EMAIL DATED 09.08.2024

Kind Attention : MR. GOPAL VERMA (G.M.- PROJECTS)

E-Mail: palomarealtyllp@gmail.com Contact No: 9411836348

Sample Condition : Good

Sample Quantity (Approx) : 3 - Nos Sample Size (Approx) : * - *

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Digitally signed by SANJEEV KUMAR MISHRA
Date: 2024.08.28 18:39:52 IST

Report Issued By

Authenticity of report can be verified by mail at verification@megacrobuild
This is a Digital Signed Report and does not need a Physical Signature.

## LOW ALLOY STEEL

Date: 23/09/2024 5:10:00 PM
Sample ID: K240805012-20

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

| Element | % | Specified | Conformity | Test Method |
|---|---|---|---|---|
| Aluminium | 0.001 | --- | --- | ASTM E 415: 2021 |
| Copper | 0.002 | --- | --- | --do-- |
| Cobalt | 0.001 | --- | --- | --do-- |
| Lead | 0.001 | --- | --- | --do-- |
| Vanadium | 0.007 | --- | --- | --do-- |
| Tungsten | 0.001 | --- | --- | --do-- |
| Carbon Equivalent | 0.4 | 0.61 Max | Yes | - |

Note : C.E. has been calculated by C + Mn / 6 + (Cr + Mo + V) / 5 + (Ni + Cu) / 15
Remark: Sample confirms to the requirements of IS:1786-2008Cr-Fe 550 D (RA-2017) w.r.t above test.

Reviewed By

[illegible]

1. General Conditions

[illegible]

2. Place of Order

[illegible]

3. Price and Terms of Payment

[illegible]

4. Delivery of Goods and Sample or Quantity

[illegible]

5. Property Rights on Sample Material and Design Storage

[illegible]

6. Delivery Dates, Immaterial Fees

[illegible]

7. Transfer of Property

[illegible]

8. Defects, Warranties and Responsibilities

[illegible]

9. Limitation of Liability

[illegible]

10. Dispute Analysis

[illegible]

11. Force Majeure

[illegible]

12. Confidentiality

[illegible]

13. Miscellaneous

[illegible]

14. Governing Law Jurisdiction

[illegible]

" End of Report "

**Test Report Issued To:**

PALOMA REALTY LLP

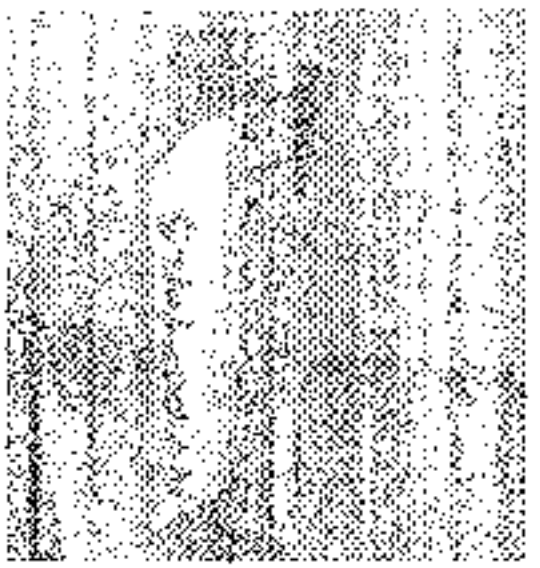
7/38 -7/39,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

| | |
|---|---|
| Test Report No. | K240809012/K240809012-30 |
| Issue Date: | 27-Aug-2024 |
| Sample Booking/Receipt Date: | 09-Aug-2024 |
| Test Start Date: | 24-Aug-2024 |
| Test Completion Date: | 27-Aug-2024 |

Customer Relationship Number 78800

**Sample Description :**

TMT BAR DIA-16 MM MAKE-SAIL, GRADE-FE-550D



Customer Reference No :
EMAIL DATED.09.08.2024

Kind Attention : MR. GOPAL VERMA (G.M.- PROJECTS)

E-Mail: palomarealty1p@gmail.com Contact No: 9411805349

Sample Condition : Good

Sample Quantity (Approx) : 3 - Nos Sample Size (Approx) : * - *

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Digitally signed by SANJEEV KUMAR SHIRA
Date: 2024.08.28 16:32:12 +05'30'

Report Issued By

Authenticity of report can be verified by mail to [illegible]
This is a Digitally Signed Report as per Government of India Ministry of [illegible]

## LOW ALLOY STEEL

Date: 23/08/2024 5:13:00 PM
Sample ID: K240809012-30

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

| Element | % | Specified | Conformity | Test Method |
|---|---|---|---|---|
| Aluminium | 0.001 | --- | --- | ASTM E 415: 2021 |
| Cobalt | 0.001 | --- | --- | --do-- |
| Lead | 0.001 | --- | --- | --do-- |
| Vanadium | 0.008 | --- | --- | --do-- |
| Tungsten | 0.001 | --- | --- | --do-- |
| Carbon Equivalent | 0.35 | 0.61 Max | Yes | |

Note : C.E. has been calculated by C + Mn / 6 + (Cr + Mo + V) / 5 + (Ni + Cu) / 15
Remark: Sample confirms to the requirements of IS:1786-2008Gr-Fe 550 D (RA-2017) w.r.t above test.

Moun

Digitally signed by SANJEEV KUMAR MISHRA
2024.08.23 18:32:12 +0530

Reviewed By

Spectro Research Lab Vancouver (1) Limited and [illegible] (the "Terms and Conditions") [illegible]

1. Application

1.1 [illegible] Spectro Research Lab Vancouver (1) Limited ("SRL") will be governed by these General Terms and Conditions of Sale (the "Terms and Conditions") [illegible]

1.2 [illegible]

1.3 These Terms and Conditions constitute the whole agreement between the parties [illegible]

2. Placement of Order

2.1 [illegible]

2.2 [illegible]

2.3 [illegible]

3. Price and Payment

3.1 [illegible]

3.2 [illegible]

3.3 [illegible]

3.4 [illegible]

3.5 [illegible]

3.6 [illegible]

4. Delivery, Performance Date, Packing, Description of Order Items

4.1 [illegible]

4.2 [illegible]

4.3 [illegible]

5. Property Rights and Ownership of Materials

5.1 [illegible]

5.2 [illegible]

5.3 [illegible]

5.4 [illegible]

5.5 [illegible]

6. Delivery Dates, Turnaround Time

6.1 [illegible]

6.2 [illegible]

7. Transfer of Property

7.1 [illegible]

7.2 [illegible]

8. Limited Warranty

8.1 [illegible]

8.2 [illegible]

8.3 [illegible]

8.4 [illegible]

8.5 [illegible]

9. Limitation of Liability

9.1 [illegible]

9.2 [illegible]

9.3 [illegible]

9.4 [illegible]

10. Miscellaneous

10.1 [illegible]

10.2 [illegible]

10.3 [illegible]

10.4 [illegible]

10.5 [illegible]

10.6 [illegible]

10.7 [illegible]

10.8 [illegible]

10.9 [illegible]

10.10 [illegible]

10.11 [illegible]

10.12 [illegible]

10.13 [illegible]

10.14 [illegible]

10.15 [illegible]

10.16 [illegible]

10.17 [illegible]

10.18 [illegible]

10.19 [illegible]

10.20 [illegible]

10.21 [illegible]

10.22 [illegible]

10.23 [illegible]

10.24 [illegible]

10.25 [illegible]

10.26 [illegible]

10.27 [illegible]

10.28 [illegible]

10.29 [illegible]

**Test Report Issued To:**

PALOMA REALTY LLP

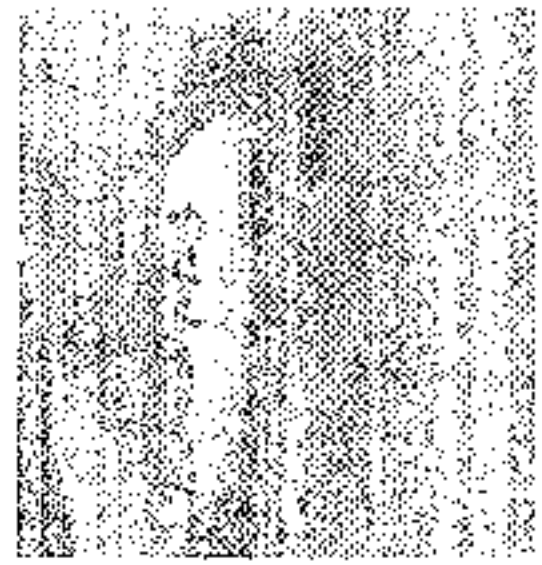
7/94 - 7/93,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

| | |
|---|---|
| Test Report No: | K24080901 2:K24080912-31 |
| Issue Date: | 27-Aug-2024 |
| Sample Booking/Receipt Date: | 09-Aug-2024 |
| Test Start Date: | 23-Aug-2024 |
| Test Completion Date: | 27-Aug-2024 |

Customer Relationship Number 78800

**Sample Description :**

TMT BAR DIA-16 MM MAKE-SAIL, GRADE-FE-550D



Customer Reference No :
EMAIL DATED.09.08.2024

Kind Attention : MR. GOPAL VERMA (G.M.- PROJECTS)

E-Mail. palomarealtylp@gmail.com Contact No: 9411832549

Sample Condition : Good

Sample Quantity (Approx) : 3 - Nos Sample Size (Approx) : - -

SAMPLE NOT DRAWN BY OUR LABORATORY, THE RESULTS PERTAIN ONLY TO THE ITEMS TESTED

Report Issued by

ULR-TC7845269130909F

Authenticity of report can be verified by mail at [illegible]
This is a Computer Generated Report. Doesn't require Physical Signature

# LOW ALLOY STEEL

Date: 23/08/2024 5:13:00 PM
Sample ID: K240809012-31

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

| Element | % | Specified | Conformity | Test Method |
|---|---|---|---|---|
| Carbon | 0.206 | 0.25 Max | Yes | ASTM E 415: 2021 |
| Silicon | 0.176 | --- | --- | --do-- |
| Manganese | 0.744 | --- | --- | --do-- |
| Sulphur | 0.027 | 0.04 Max | Yes | --do-- |
| Phosphorus | 0.0270 | 0.04 Max | Yes | --do-- |
| Nickel | 0.088 | --- | --- | --do-- |
| Chromium | 0.029 | --- | --- | --do-- |
| Molybdenum | 0.045 | --- | --- | --do-- |
| Copper | 0.016 | --- | --- | --do-- |
| Niobium | 0.005 | --- | --- | --do-- |
| Boron | 0.0001 | --- | --- | IS 8811: 1998 |

Remark: Sample confirms to the requirements of IS:1786-2008Gr-Fe 550 D (RA-2017) w.r.t above test

SANJEET KUMAR MISHRA

ID-K240809012-3

Sample condition: Un-machined

Tmt (mm): 16

Discipline: Mechanical
Group-Mechanical properties of metals

| S.No | Test Parameter | Results | Requirement value as per IS:1786-2008(R-18) Gr-Fe550D | Test method |
|---|---|---|---|---|
| 1 | Ultimate Tensile strength ($N/mm^2$) | 679.5 | Not less than 600($N/mm^2$) | IS 1608(pt-1)-2022 |
| 2 | Yield stress ($N/mm^2$) | 587.5 | 550min. | IS 1608(pt-1)-2022 |
| 3 | Elongation (%) | 20.2 | 14.5min. | IS 1608(pt-1)-2022 |
| 4 | Mass per meter(kg) | 1.55 | 1.58, ±5% | IS 1786-2008(R-18) |
| 5 | Bend Test($180^0$x4d) | No rupture & no crack visible on the bent portion. | The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the bent portion. | IS 1599-2019 |
| 6 | Re-Bend test<br>i. Angle of bend:$135^0$x7d<br>Angle of re bend:$157.5^0$x7d | No rupture & no crack visible on the rebent portion. | The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the rebent portion | IS 1786-2008(R-18) |

Remark: The sample confirms IS: 1786-2008(R-18) Gr-Fe550D with respect above test results.

SANJEET KUMAR MISHRA
Reviewed By

Digitally signed by Satish Yadav
Date: 2024.08.27 18:53:53 +05'30'
Authorized Signatory

[illegible]

1. Grant of Application

[illegible]

1.2 All [illegible] Specific Research Laboratories [illegible] Limited.

1.3 [illegible] Conditions [illegible] all [illegible]

2. Payment of Order

[illegible]

3. Prices and Terms of Payment

[illegible]

4. Delivery of Goods [illegible]

[illegible]

5. Property Rights on Sample Materials and Sample Storage

[illegible]

6. Delivery Dates, Turnaround Time

[illegible]

7. Transfer of Property

[illegible]

8. Limited Warranties and Product Liability

[illegible]

9. Indemnity

[illegible]

10. Force Majeure

[illegible]

11. Confidentiality & Proprietary Information

[illegible]

12. Disclaimer and Limitation of Liability

[illegible]

13. Governing Law; Jurisdiction

[illegible]

* End of Report *

**Test Report Issued To:**

PALOMA REALTY LLP

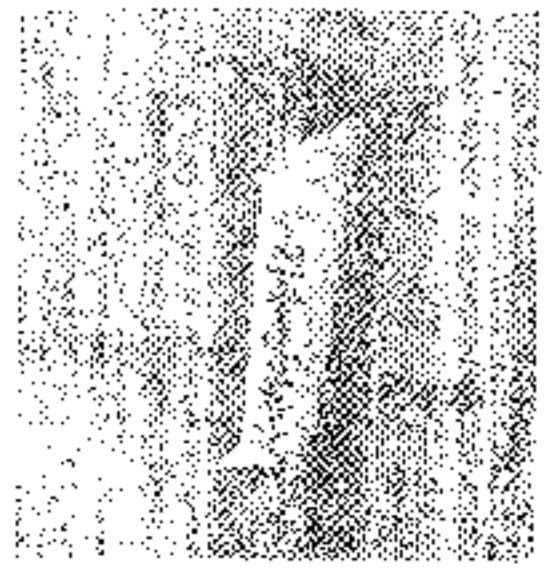
7/98- 7/99,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

| | |
|---|---|
| Test Report No: | K24080012/K24080012-40 |
| Issue Date: | 27-Aug-2024 |
| Sample Booking/Receipt Date: | 09-Aug-2024 |
| Test Start Date: | 24-Aug-2024 |
| Test Completion Date: | 27-Aug-2024 |

Customer Relationship Number 78800

**Sample Description :**

TMT BAR DIA-20 MM MAKE-SAIL, GRADE-FE-550D



Customer Reference No :
E MAIL DATED 09.08.2024

Kind Attention : MR. GOPAL VERMA (G.M.- PROJECTS)

E-Mail: palomarealtyllp@gmail.com Contact No: 9411863948

Sample Condition : Good

Sample Quantity (Approx) : 3 - Nos Sample Size (Approx) : * - *

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Report Issued By

Authenticity of report can be verified by mail at [illegible]
This is a Digitally Signed Electronic Report [illegible]

# LOW ALLOY STEEL

Date: 23/08/2024 5:14:00 PM
Sample ID: K24080012-1C

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

| Element | % | Test Method | Specified | Confirmity |
|---|---|---|---|---|
| Aluminium | 0.001 | ASTM E 415: 2021 | --- | --- |
| Copper | 0.001 | --do-- | --- | --- |
| Niobium | 0.001 | --do-- | --- | --- |
| Cobalt | 0.001 | --do-- | --- | --- |
| Lead | 0.001 | --do-- | --- | --- |
| Vanadium | 0.006 | --do-- | --- | --- |
| Tungsten | 0.001 | --do-- | --- | --- |

Remark: Sample confirms to the requirements of IS:1786-2008:-Fe 550 D (RA-2017) w.r.t above test.

Digitally signed by
SANJEEV KUMAR
Date: 2024.08.24
18:32:40 +05'30'

Sample Research Lab Work Order Terms and Conditions

1. Acceptance of Quotation

1.1 [illegible] Sample Research Lab [illegible] (ABN [illegible]) [illegible] ("Buyer") [illegible] Sample Research Lab Work Order Terms and Conditions ("Terms and Conditions") [illegible] [illegible]

1.2 [illegible]

1.3 These Terms and Conditions [illegible] Sample Research Lab [illegible]

2. Work Order Order

2.1 [illegible]

2.2 [illegible]

2.3 [illegible]

3. Price and Payment

3.1 [illegible]

3.2 [illegible]

3.3 [illegible]

3.4 [illegible]

3.5 [illegible]

3.6 [illegible]

4. Delivery of Consumables to Your Laboratory

4.1 [illegible]

4.2 [illegible]

4.3 [illegible]

5. Warranty Rights under Sample Research Lab's Warranty

5.1 [illegible]

5.2 [illegible]

5.3 [illegible]

5.4 [illegible]

6. Intellectual Property

6.1 [illegible]

6.2 [illegible]

6.3 [illegible]

7. Insurance of Property

7.1 [illegible]

7.2 [illegible]

8. Limited Warranties and Responsibilities

8.1 [illegible]

8.2 [illegible]

8.3 [illegible]

8.4 [illegible]

8.5 [illegible]

8.6 [illegible]

8.7 [illegible]

8.8 [illegible]

8.9 [illegible]

8.10 [illegible]

8.11 [illegible]

8.12 [illegible]

8.13 [illegible]

8.14 [illegible]

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8.16 [illegible]

8.17 [illegible]

8.18 [illegible]

8.19 [illegible]

8.20 [illegible]

8.21 [illegible]

8.22 [illegible]

8.23 [illegible]

8.24 [illegible]

8.25 [illegible]

8.26 [illegible]

8.27 [illegible]

8.28 [illegible]

8.29 [illegible]

**Test Report Issued To:**

PALOMA REALTY LLP

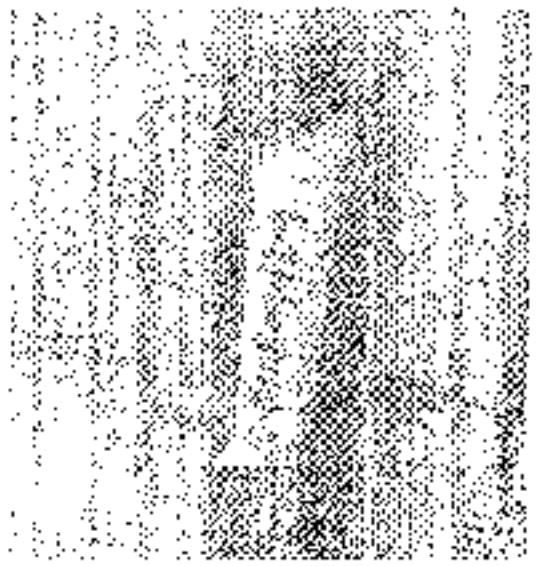
7/38 L-7/89,
TILAK NAGAR,
KANPUR, UTTAR PRADESH - 208002,
INDIA

| | |
|---|---|
| Test Report No: | K24080901 2/K240809012-41 |
| Issue Date: | 27-Aug-2024 |
| Sample Booking/Receipt Date: | 09-Aug-2024 |
| Test Start Date: | 24-Aug-2024 |
| Test Completion Date: | 27-Aug-2024 |

Customer Relationship Number 78800

**Sample Description :**

TMT BAR DIA-20 MM MAKE-SAIL, GRADE FE-550D



Customer Reference No :
EMAIL, DATED.09.08.2024

Kind Attention : MR. GOPAL VERMA (G.M.- PROJECTS)

E-Mail: palomarealtyllp@gmail.com Contact No: 9411833848

Sample Condition : Good

Sample Quantity (Approx) : 3 - Nos Sample Size (Approx) : -

SAMPLE NOT DRAWN BY OUR LABORATORY. THE RESULTS RELATE ONLY TO THE ITEMS TESTED

Report Issued By

ULR-TC724534000407921F

Authenticity of report can be verified by mail at verify@[illegible]

This is a digitally signed [illegible] Government recognized Electronic Records.

# LOW ALLOY STEEL

Date: 23/08/2024 5:14:00 PM
Sample ID: K240803012-41

Program: Fe-703 Low Alloy Steel
Comment: Fe-703 Low Alloy Steel

| Element | % | Test Method | Specified | Conformity |
|---|---|---|---|---|
| Carbon | 0.216 | ASTM E 415: 2021 | 0.25 Max | Yes |
| Silicon | 0.199 | --do-- | --- | --- |
| Manganese | 0.811 | --do-- | --- | --- |
| Sulphur | 0.024 | --do-- | 0.040 Max | Yes |
| Phosphorus | 0.0240 | --do-- | 0.040 Max | Yes |
| Nickel | 0.079 | --do-- | --- | --- |
| Chromium | 0.025 | --do-- | --- | --- |
| Molybdenum | 0.036 | --do-- | --- | --- |
| Boron | 0.0001 | IS 8811: 1998 | --- | --- |

Remark: Sample confirms to the requirements of IS:1786-2008Gr-Fe 550 D (PA-2017) w.r.t above test.

SANJEET KUMAR MISHRA
Reviewed By

Digitally signed by SANJEET KUMAR MISHRA
Date: 2024.08.24 18:32:21 +05'30'

ID-K240809012-4

Sample condition: Un-machined

Trat (mm)-20

Discipline-Mechanical
Group-Mechanical properties of metals

| S.No | Test Parameter | Results | Requirement value as per IS:1786-2008(R-18) Gr-Fe550D | Test method |
|---|---|---|---|---|
| 1 | Ultimate Tensile strength (N/mm²) | 596.3 | Not less than 500(N/mm²) | IS 1608(pt-1)-2022 |
| 2 | Yield stress(N/mm²) | 587.8 | 550min. | IS 1608(pt-1)-2022 |
| 3 | Elongation (%) | 21.2 | 14.5Min. | IS 1608(pt-1)-2022 |
| 4 | Mass per meter(kg) | 2.45 | 2.47, ±3% | IS 1786-2008(R-18) |
| 5 | Bend Test(180°x4d) | No rupture & no crack visible on the bent portion. | The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the bent portion. | IS 1599-2019 |
| 6 | Re-Bend test<br>i. Angle of bend:136°x7d<br>Angle of re bend:157.5°x7d | No rupture & no crack visible on the rebent portion. | The specimen shall be considered to have passed the test if there is no rupture or crack visible to a person of normal or corrected vision on the rebent portion | IS 1786-2008(R-18) |

Remark: The sample confirms IS: 1786-2008(R-18) Gr-Fe550D with respect above test results.

SANJEET KUMAR MISHRA
Reviewed By

Digitally signed by Satish Yadav
Date: 2024.08.2
18:22:25 +05:30
Authorised Signatory

Spectro Research Lab (ArtWe [illegible] Upgrade) [illegible] Terms and Conditions [illegible]

1. Area of Application

[illegible]

2. Payment at Order

[illegible]

3. [illegible]

[illegible]

4. Duties of Customer in Delivering Samples or Materials

[illegible]

5. Ownership of Sample Material and Sample Storage

[illegible]

6. Delivery Dates, Delivery Time

[illegible]

7. Transfer of Property

[illegible]

8. Warranties and Responsibilities

[illegible]

9. Limitation of Liability

[illegible]

10. Terminated Analysis

[illegible]

11. Force Majeure

[illegible]

12. Confidentiality & Proprietary Data

[illegible]

13. Miscellaneous

[illegible]

14. [illegible]

[illegible]

15. [illegible]

[illegible]

16. [illegible]

[illegible]

17. Governing Law and Jurisdiction

[illegible]

* End of Report *

Sold-to-Party:
DHARAM CHAND DWARKA DAS AGARWAL
KHASRA NO 98 PART VILLAGE VEERPUR,
MORADABAD 244411
Ship-to-Party
DHARAM CHAND DWARKA DAS AGARWAL,Moradabad.

T.C.-Date : 30.06.2024
SALES ORDER NO : 1100506642
DA No : 80822744
Wagon No / Trailer No : SPCR2114101518

**Brand : SAIL SEQR**

**Specification : IS 1786:2008 FE 550D**

We certify that the material described below fully conforms to IS 1786 : 2008 RA 2018 . The Chemical composition and Mechanical properties of the product, as tested in accordance with the Scheme of Testing and Inspection contained in the ISI certification marks License No. CM/L - 0187244 are as indicated below against each Order No.

(PLEASE REFER TO IS 1786 : 2008 RA 2018 FOR DETAILS OF SPECIFICATION REQUIREMENTS)

**TEST RESULTS**

| Product/Grade/Dimension (mm) | Heat No | Quantity (MT) | MECHANICAL PROPERTIES Y.S. (MPa) | T.S. (MPa) | T.S./Y.S. | %E 5.65√S. | * Bend Test | ** Rebend test |
|---|---|---|---|---|---|---|---|---|
| | Specified Limit | | 550(Min) | 15%higher to YS | 1.15 (Min) | 16 (Min) | – | – |
| TMT BAR SAIL(SeQR)FE1786Fe550D 20 | C081229 | 62.500 | 585 | 702 | 1.2 | 20 | OK | OK |
| | | | 597 | 699 | 1.18 | 18 | OK | OK |

| Heat No | CHEMICAL COMPOSITION (LADLE ANALYSIS) C % | S % | P % | Mn % | Cu % | Nb % | V % | Ti % | Al % | Cr % | (P+ S) | Ni % | Si % | CE % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Specified Limit | 0.25(Max) | 0.055(Max) | 0.055(Max) | – | - | – | – | – | - | – | – | – | – | 0.51(Max) |
| C081229 | 0.23 | 0.022 | 0.016 | 0.84 | 0.01 | – | 0.009 | – | - | 0.01 | 0.038 | 0.01 | - | 0.3[illegible] |

**Total Weight : 62.500 (MT)**

Note:(P+ S)= 0.070(Max),

(Nb+ V)= 0.30% (Max.),

* Bend Test Mandrel Dia. for product <= 20mm-3D. & > 20mm-4D. ** Rebend Test Mandrel Dia. for product <= 16mm-5D& > 16mm-6D.

Remarks: The material supplied conforms to the standard rolling and mass tolerances.

STEEL AUTHORITY OF INDIA LIMITED
IISCO STEEL PLANT
BURNPUR - 713325, WEST BENGAL, INDIA
(Registered Office: Ispat Bhawan, Lodi Road, New Delhi - 110003)

# TEST CERTIFICATE FOR HIGH STRENGTH DEFORMED STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT

NO. : TC_8500284349 TC DATE : 03.07.2024 Page
NO. : 8000284349 SHIPPING DATE : 03.07.2024

& ADDRESS : DHARAM CHAND DWARKA DAS AGARWAL WAGON/TRAILER NO. : 58
KHASRA NO 98 PART, VILLAGE VEERPUR,, MORADABAD-244411,

naterial described below fully conforms to IS 1786 : 2008. Chemical composition and Mechanical properties of the product, as tested in a
nd Testing contained in the BIS Certification Marks Licence No. CM/L-0183135 are as indicated below against each Order/Cast No.
(Please refer to IS 1786 : 2008 for details of specification requirements)

## TEST RESULTS

ate : 1500194152 (02.07.2024) Total weight : 64.4
: TMT BAR Nominal Size : 16 m
: IS 1786 : 2008 Fe 550D Brand Name : SAIL

| Chemical composition | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C% | Mn% | P% | S% | S+P% | Si% | Ni% | Cr% | Cu% | Cu+Cr% | Mo% | V% | Nb% | N% | Mo+V+Ti+Nb | |
| - | - | - | | | - | | - | - | | | | | | | |
| 0.28 | - | 0.040 | 0.040 | 0.070 | - | | - | | | | | | | 0.03 | |
| 0.21 | 0.86 | 0.025 | 0.019 | 0.042 | 0.25 | NI | 0.01 | 0.07 | 0.10 | NI | 01 | 00 | 00 | Ti | |

| Mechanical Properties | | | | | | |
|---|---|---|---|---|---|---|
| YS ( N/mm²) min | YS ( N/mm²) max | Tensile Strength N/mm² | TS/YS ratio | Elongation % (Std GL) | Total elongation at maximum force % | Bend test |
| 550 min | | 600 min | 1.08 min | 14.5 min | | 4d min |
| 596 | 597 | 679 | 1.17 | 20.2 | NI | OK |

Mon

pling / Sample Dimension : Nominal
Nominal as per the standard rolling and mass tolerance.
Composition reported is ladle Analysis.
Legend : NI/-- = Not Specified; Ti = Titanium; YS = Yield Strength
Lo: Std. GL = Standard Gauge Length
= Mn : Si/5 : (Cu + Ni)/15

Process Route : BF-BOF-LF-C

AUTHORITY

Q.C.Inc
Q.C.(M

STEEL AUTHORITY OF INDIA LIMITED
IISCO STEEL PLANT
BURNPUR - 713325, WEST BENGAL, INDIA
(Registered Office: Ispat Bhawan, Lodi Road, New Delhi - 110003)

# TEST CERTIFICATE FOR HIGH STRENGTH DEFORMED STEEL BARS AND WIRES FOR CONCRETE REINFORCEMENT

NO. : TC_8000293030 TC DATE : 03.08.2024 Page
NO. : 8000290030 SHIPPING DATE : 03.08.2024

& ADDRESS : DHARAM CHAND DWARKA DAS AGARWAL
KHASRA NO 98 PART, VILLAGE VEERPUR,, MORADABAD-244411, WAGON/TRAILER NO. : NI

aterial described below fully conforms to IS 1786 : 2008. Chemical composition and Mechanical properties of the product, as tested in o
nd Testing contained in the BIS Certification Marks Licence No. CM/L-0183135 are as indicated below against each Order/Cast No
(Please refer to IS 1786 : 2008 for details of specification requirements)

TEST RESULTS

ate : 1500196928 (01.08.2024) Total weight : 44.5
: TMT BAR Nominal Size : 10 m
: IS 1786 : 2008 Fe 550D Brand Name : SAIL

Chemical composition

| C% | Mn% | S% | P% | S+P% | Si% | Al% | Nb% | Cr% | Cu+Cr+Ni | Mo% | V% | Ti% | B% | N+Mo+ 10.Nb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | - | | | - | - | - | | | | | - |
| 0.25 | - | 0.040 | 0.040 | 0.075 | - | | - | - | - | | | | | 0.30 |
| 0.22 | 0.78 | 0.030 | 0.021 | 0.051 | 0.21 | NS | - | 0.01 | 0.01 | NS | NS | NS | NS | 0.2 |

Mechanical properties

| YS (N/mm²) min | YS (N/mm²) max | Tensile Strength N/mm² | TS/YS ratio | Elongation % (Gmd 4) | Total elongation at maximum force % | Bend Test |
|---|---|---|---|---|---|---|
| 550 min | | 650 min | 1.09 min | 14.5 min | | 4d min. |
| 575 | 603 | 662 | 1.19 | 21.1 | NO | OK |

Manu

ks / Other reference : Accord
ch conforms to the standard rolling and mass tolerance.
composition recorded is ladle analysis.
ote(s) : NS/- = Not Specified; tr = Trace; YS = Yield Strength
.b: Sub GL = Standard Gauge Length
: Mo = V/5 + (Cu + Ni)/15

Product Code : 30-100-12-0
0011009100

H.K.Gu
03/09/

STEEL AUTHORITY OF INDIA LIMITED

TEST CERTIFICATE

REINFORCEMENT

BILLET

Mon

SRK ISPAT
REGD.OFFICE & GODOWN
85/71 AFIM KOTHI
KANPUR-
GODOWN-78B/4, BLOCK-T
FACTORY AREA, PAZALGANJ
KANPUR-208012
GSTIN/UIN: 09AAN137814R1Z0
State Name : Uttar Pradesh, Code : 09
E-Mail : srkispat@gmail.com

| | | |
|---|---|---|
| Invoice No. 2640 | e-Way Bill No. 491439301990 | Dated 8-Jul-2024 |
| Delivery Note | | Mode/Terms of Payment |
| Reference No. & Date. | | Other References |
| Buyer's Order No. | | Dated |
| Dispatch Doc No. | | Delivery Note Date |
| Dispatched through | | Destination CIVIL LINES |
| Bill of Lading/LR-RR No. | | Motor Vehicle No. UP78BT1186 |
| Terms of Delivery | | |

Consignee (Ship to)
HERITAGE INFRASPACE(INDIA) PVT LTD U.P.
COMPANY BAGH CHAURAHA, CIVIL LINES KANPUR
GSTIN/UIN : 09AACCH6390R1ZR
State Name : Uttar Pradesh, Code : 09

Buyer (Bill to)
HERITAGE INFRASPACE(INDIA) PVT LTD U.P.
G-SECTOR 3 NEAR BY LABOUR COURT
SECTOR 15, NOIDA
GSTIN/UIN : 09AACCH6390R1ZR
State Name : Uttar Pradesh, Code : 09

| Sl No. | Description of Goods and Services | HSN/SAC | Quantity | Rate (Incl. of Tax) | Rate | per | Amount |
|---|---|---|---|---|---|---|---|
| 1 | H.R Sheet / H.R Plate / M.S Sheet | 720836 | 12.850 M.T | 66,670.00 | 56,500.00 | M.T | 7,25,025.00 |
| | *FREIGHT ( STATE)* | 9965 | | | | | 12,850.00 |
| | *CGST* | | | | 9 | % | 65,342.25 |
| | *SGST* | | | | 9 | % | 65,342.25 |
| | *Round Off* | | | | | | 0.50 |
| | Total | | 12.850 M.T | | | | ₹ 8,71,873.00 |

Amount Chargeable (in words)
Eight Lakh Seventy One Thousand Eight Hundred Seventy Three Only

E. & O.E

| HSN/SAC | Taxable Value | CGST Rate | CGST Amount | SGST/UTGST Rate | SGST/UTGST Amount | Total Tax Amount |
|---|---|---|---|---|---|---|
| 720836 | 7,26,025.00 | 9% | 65,342.25 | 9% | 65,342.25 | 1,30,684.50 |
| 9965 | 12,850.00 | 9% | 1,156.50 | 9% | 1,156.50 | 2,313.00 |
| Total | 7,38,875.00 | | 66,498.75 | | 66,498.75 | 1,32,997.50 |

PROCESS BORLHPH

Date 2024

No: BOST/SECRU

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 2 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 3 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 4 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 5 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 6 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 8 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 9 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 10 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 11 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 12 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 13 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 14 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 15 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 16 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 17 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 18 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 19 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 20 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | |
| | | | | | | | | | | Total [illegible] | [illegible] | |

[illegible]

[illegible]

[illegible]

| SRC | DESCRIPTION | CLASS PARTS | CARTONS PER CLASS | SPARE | CARTON LEAD TIME (DAYS) | SPARE (MTS) | DOS | TOTAL LEADS (DAYS) | TOTAL LEADS (MTS) | TOTAL LEADS (DAYS) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Vertical Main Bar | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 2 | Vertical Extender | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 3 | Distribution [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 4 | Vertical Main Bar | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 5 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 6 | Distribution Sq. | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7 | Fittings ([illegible]) | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 8 | Damper ([illegible]) | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 9 | Open Ends ([illegible]) | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 10 | Open Ends ([illegible]) | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 11 | Close Ends ([illegible]) | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 12 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 13 | [illegible] | [illegible] | | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 14 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 15 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 16 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 17 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 18 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 19 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 20 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 21 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 22 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 23 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |

[illegible]

[illegible]

[illegible]

| S.NO | DESCRIPTION | NO. OF BAR | DIA | SHAPE | CUTTING LENGTH | SP. WT. | NOS | TOTAL LENGTH | TOTAL WT | TOTAL WT (KG) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Vertical Main Bar | [illegible] | [illegible] | 420 / [illegible] / 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 2 | Vertical Dist Bar | 16 | 20C | [illegible] | [illegible] | 4.93 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 3 | Dowel Bar | [illegible] | 20C | 480 | 4.80 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 4 | Vertical Main Bar | 6 | 20C | 400 / [illegible] / 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 5 | [illegible] | [illegible] | 20C | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 6 | [illegible] | [illegible] | [illegible] | 480C | 4.93 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7 | Stirrups [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 8 | Stirrups [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 9 | Lacing Bars [illegible] | [illegible] | 30C | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 10 | Lacing Bars [illegible] | [illegible] | 30C | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 11 | [illegible] [illegible] | [illegible] | 30C | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 12 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 13 | [illegible] [illegible] | 20 | | 200 | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 14 | [illegible] [illegible] | [illegible] | | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 15 | Z Bar | [illegible] | | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 16 | Lacing Bars | [illegible] | | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 17 | [illegible] | [illegible] | | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 18 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 19 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 20 | [illegible] | [illegible] | | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | |
| | | [illegible] | | [illegible] | [illegible] | | | [illegible] | | [illegible] | |

OK

| S.NO | DESCRIPTION | QUANTITY EACH | WEIGHT (KG) | SPAN | SPAN LENGTH (M) | SPAN (MM) | [illegible] | [illegible] WEIGHT (KG) | [illegible] | [illegible] WEIGHT (KG) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | Vertical Member | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 3 | Vertical Member | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 5 | Distribution Bar | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 4 | Vertical Member | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7 | Vertical Member | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 6 | Distribution Bar | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 8 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 9 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 10 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 11 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 12 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 13 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 14 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 15 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 16 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 17 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 18 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 19 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 20 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 21 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |

| S.NO | DESCRIPTION | DIA OF BAR (mm) | SPACING (mm) | SHAPE | CUTTING LENGTH (mm) | NO. OF BARS | TOTAL LENGTH (m) | UNIT WEIGHT (kg/m) | TOTAL WEIGHT (kg) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 2 | Vertical Bar [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 3 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 4 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 5 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 6 | Distribution Bar | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 8 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 9 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 10 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 11 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 12 | [illegible] | [illegible] | | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 13 | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 14 | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 15 | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 16 | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 17 | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 18 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 19 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 20 | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| | | [illegible] | | | | | | | [illegible] | |

OK

| S.NO | DESCRIPTION | BAR DIA (MM) | SPACING (MM) C/C | SHAPE | CUTTING LENGTH (FT/M) | SPEC (KG/M) | NOS | TOTAL LENGTH (MTS) | UNIT WEIGHT (KG) | TOTAL WEIGHT (KG) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Vertical Main Bar | 16 | 250 | 400 / 12000 | 19.00 | 1.58 | 11 | 209 | 330 | 690.540 | 32d/40d |
| 2 | Vertical Extra Bar | 16 | 250 | 400 / 8000 | 8.00 | 1.58 | 22 | 176 | 1.580 | 278.144 | Sol lap |
| 3 | Distribution Bar | 10 | 270 | 4000 | 4.05 | 0.62 | 48 | 194.4 | 0.617 | 119.9.03 | Sol lap |
| 4 | Vertical Main Bar | 16 | 150 | 400 / 12000 | 19.00 | 1.58 | 11 | 209 | 1.580 | 330.115 | [illegible] |
| 5 | Vertical Extra Bar | 10 | 250 | 400 / 10000 | 12.00 | 0.62 | 24 | 288 | 0.616 | 177.408 | [illegible] |
| 6 | Distribution Bar | 10 | 200 | 4000 | 4.05 | 0.62 | 96 | 388.8 | 0.617 | 239.938 | [illegible] |
| 7 | Stirrups (10 x 10x150) | 8 | 150 | | 1.690 | 0.39 | 1.03 | 330.43 | 0.395 | 130.515 | |
| 8 | Stirrups (300x450) | 8 | 150 | | 3.040 | 0.39 | 75 | 228.0 | 0.617 | 140.596 | |
| 9 | Open Links (20x20x150) | 8 | 200 | | 0.55 | 0.39 | 156 | 85.8 | 0.395 | 34.539 | |
| 10 | Open Links (150x210) | 8 | 200 | | 1.31 | 0.39 | 5 | 6.55 | 0.617 | 28.042 | |
| 11 | Open Links (300x450) | 8 | 150 | | 3.04 | 0.39 | 51 | 155.04 | 0.617 | [illegible] | |
| 12 | Hook | 8 | | | 0.07 | | 4 | 0.28 | 0.395 | [illegible] | |
| 13 | HOOK FOR PLATE | 10 | | 1.600 | 0.90 | | 10 | 1 | [illegible] | [illegible] | |
| 14 | Lock Washer 8" (300x150x27.200) | 8 | | | 0.81 | | 10 | 8.1 | 0.395 | 3.199 | |
| 15 | 2.0m | 10 | | | 0.61 | | 21 | 12.81 | 0.616 | 7.89 | |
| 16 | Lifting Hook | 25 | | | 2.00 | | 2 | 4 | 3.858 | 15.432 | |
| 17 | Lifting Rope | 18 | | | 3.00 | | 6 | 18.0 | 1.720 | 30.960 | |
| 18 | Steel Grating Bar | 3 | 30 | | 2.00 | 0.74 | 138 | 276.00 | 0.220 | 60.720 | 30d 30d |
| 19 | Stainless steel plate 4mm | 16 | | 1250 | 12.50 | | 4 | 50 | 0.197 | 9.850 | |
| | | Dia (MM) | 8 | 10 | 12 | 16 | 20 | 25 | [illegible] | | |
| | | Total Length (Meter) | 1.1.96 | 760.784 | | [illegible] | [illegible] | [illegible] | | | |

[illegible]

| S.NO | DESCRIPTION | DIA OF TANK (M) | SPACING (MM) | SHAPE | CUTTING LENGTH (M) | WEIGHT (KG) | NOS | TOTAL LENGTH (M) | WEIGHT (KG) | TOTAL WEIGHT (KG) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Vertical Main Bar | 16 | 250 | 400 / 10000 / 400 | 10.80 | 0.99 | 12 | 132 | 130.68 | 131.682 | Sol. Face |
| 2 | Vertical Distribution | 10 | 200 | 8700 | 8.80 | 0.62 | 16 | 140 | 86.800 | 87.250 | Soil face |
| 3 | Distribution bars | 8 | 200 | 3650 | 3.65 | 0.14 | 12 | 43.8 | 6.132 | [illegible] | Soil face |
| 4 | Vertical bars at | 16 | 250 | 400 / 17270 / 400 | 18.20 | 2.00 | 12 | 218 | 216 | [illegible] | Exposed face |
| 5 | Vertical Stirrups | 10 | 150 | 12300 | 12.00 | 0.89 | 16 | 192 | 170.88 | [illegible] | Liquid side face |
| 6 | Distribution bars | 10 | 200 | [illegible] | 3.05 | 0.19 | 12 | 36.6 | 6.81 | [illegible] | Liquid side face |
| 7 | Stirrups ([illegible]) | 8 | 250 | | 3.070 | | 7 | | | [illegible] | |
| 8 | Stirrups (8501[illegible]) | 12 | 200 | | 2.064 | | 5 | 10.3 | 6.37 | [illegible] | |
| 9 | Stirrups (8501[illegible]) | | 200 | | 2.070 | | 7 | | | [illegible] | |
| 10 | [illegible] (8[illegible]) | 10 | 300 | | 2.140 | | 5 | 10.7 | 6.60 | [illegible] | |
| 11 | Over Cover (40+[illegible]) | 0 | 300 | | 0.28 | | 7 | 2.0 | 0.31 | [illegible] | |
| 12 | [illegible] (40+[illegible]) | 0 | 200 | | 0.40 | | | | | [illegible] | |
| 13 | [illegible] (TSG/[illegible]) | 0 | 100 | | 1.10 | 0.006 | | | | [illegible] | |
| 14 | Stirrups | 8 | | | 4.30 | | 14 | 60 | [illegible] | [illegible] | |
| 15 | FLOOR BELOW AREA FOR PLATE | 12 | | | 0.97 | | 37 | 36.1 | [illegible] | [illegible] | |
| 16 | [illegible] of [illegible] | 10 | | | 0.75 | | 30 | 22.5 | [illegible] | [illegible] | |
| 17 | Bar | 20 | | | 3.67 | | 2 | 7.3 | [illegible] | [illegible] | |
| 18 | [illegible] | 25 | | | 2.05 | | 2 | 4 | [illegible] | [illegible] | |
| 19 | Bending Bars | 10 | | | 4.20 | | 6 | 25.2 | 1.385 | [illegible] | |
| 20 | [illegible] | 12 | 200 | | [illegible] | 1.4 | | [illegible] | [illegible] | [illegible] | [illegible] |
| 21 | [illegible] | 8 | 300 | | 1.88 | 19.1 | 32 | [illegible] | [illegible] | [illegible] | [illegible] |
| 22 | [illegible] | 12 | | | [illegible] | | | [illegible] | [illegible] | [illegible] | |
| | | [illegible] | | | | | | | | | |

48.97
32.160
19.4 - 59

| S.NO | DESCRIPTION | NO OF BARS (NOS) | SPACING (MM) (C/C) | SHAPE | CUTTING LENGTH (METER) | WEIGHT (KG) | NOS | TOTAL LENGTH (MTR) | EXTRA (10%) | TOTAL WEIGHT (KG) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Vertical main Bar | 10 | 250 | 430 / 1000 / 170 | 18.50 | 170 | 37 | 234 | [illegible] | [illegible] | Ext Flow |
| 2 | Vertical Extra Bar | 16 | 150 | 170 / 1000 | [illegible] | [illegible] | 11 | 19 | [illegible] | [illegible] | [illegible] |
| 3 | Distribution Bar | 10 | [illegible] | [illegible] | [illegible] | [illegible] | 94 | [illegible] | [illegible] | [illegible] | [illegible] |
| 4 | Vertical Main Bar | 10 | 250 | 170 / 1000 / 400 | 18.50 | 170 | 37 | 234 | [illegible] | [illegible] | [illegible] |
| 5 | Vertical Extra Bar | 20 | [illegible] | [illegible] | 12.30 | [illegible] | 31 | [illegible] | [illegible] | [illegible] | [illegible] |
| 6 | Distribution Bar | 10 | 300 | 2000 | [illegible] | [illegible] | 58 | [illegible] | [illegible] | [illegible] | [illegible] |
| 7 | Stirrups (200x300) | 8 | 200 | | [illegible] | 7 | 72 | [illegible] | [illegible] | [illegible] | |
| 8 | Stirrups (150x300) | 10 | 200 | | [illegible] | 5 | 50 | [illegible] | [illegible] | [illegible] | |
| 9 | Cover Block (450x300) | 8 | 200 | | [illegible] | [illegible] | 72 | [illegible] | [illegible] | [illegible] | |
| 10 | Cover Block (250x300) | 8 | 200 | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 11 | Cover Block | [illegible] | 200 | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 12 | Cover Block | | | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 13 | UNDER REAR WINDOW FLAVE | [illegible] | | 300 | [illegible] | | [illegible] | [illegible] | [illegible] | | |
| 14 | Link bar corner of [illegible] | | | | [illegible] | | [illegible] | [illegible] | [illegible] | | |
| 15 | [illegible] | 20 | | | [illegible] | | | | [illegible] | [illegible] | |
| 16 | Lifting Hook | 23 | | | [illegible] | | | | [illegible] | [illegible] | |
| 17 | Dowing Hook | 26 | | | [illegible] | | | [illegible] | [illegible] | [illegible] | |
| 18 | [illegible] | [illegible] | 300 | | 2.00 | 179 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 19 | [illegible] | [illegible] | 300 | | 1.30 | [illegible] | 71 | [illegible] | [illegible] | [illegible] | [illegible] |
| 20 | [illegible] | 10 | | [illegible] | 18.40 | | 5 | [illegible] | [illegible] | [illegible] | |
| | [illegible] | | | 8 | 26 | 12 | 30 | 32 | 30 | 72 | |
| | [illegible] | | | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |

14.50

44.24

28

10.53

[illegible] 48.49

| S.NO | DESCRIPTION | DIA OF BAR (MM) | SPACING (CM) | SHAPE | CUTTING LENGTH (MTS) | SPA (MTS) | NOS | TOTAL LENGTH (MTS) | [illegible] | TOTAL WEIGHT (KG) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Vertical Main Bar | 16 | 200 | 400 / 12700 / 400 | [illegible] | 1.85 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 2 | Vertical Extra Bar | 10 | 200 | [illegible] | [illegible] | 1.50 | 5 | 12 | 1.50 | 18.779 | [illegible] |
| 3 | Diagonal Main Bar | [illegible] | [illegible] | [illegible] | 1.91 | 13.4 | [illegible] | [illegible] | 0.617 | 10.484 | [illegible] |
| 4 | Vertical Main Bar | 16 | [illegible] | 400 / [illegible] / 400 | 19.00 | 1.25 | [illegible] | [illegible] | 1.185 | [illegible] | [illegible] |
| 5 | Vertical Extra Bar | 10 | 200 | [illegible] | [illegible] | [illegible] | [illegible] | 25 | 2.468 | [illegible] | [illegible] |
| 6 | [illegible] | [illegible] | [illegible] | [illegible] | 1.89 | 15.4 | 60 | [illegible] | [illegible] | [illegible] | [illegible] |
| 7 | Stirrups (L 0.95x0.80) | 6 | 200 | | 3.001 | 7 | 35 | [illegible] | 1.265 | 47.76 | |
| 8 | Stirrups (0.3x0.45x0.6) | [illegible] | [illegible] | | 3.044 | 8 | 25 | [illegible] | [illegible] | [illegible] | |
| 9 | Cross ties [illegible] | 8 | [illegible] | | 0.55 | 7 | 25 | [illegible] | [illegible] | [illegible] | |
| 10 | Cross ties [illegible] | 10 | 200 | | 0.60 | 5 | 25 | [illegible] | 0.617 | [illegible] | |
| 11 | Cross Ties [illegible] | [illegible] | 200 | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 12 | Floor Bar | [illegible] | | | 4.20 | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 13 | [illegible] FLOOR | 20 | | 900 | 0.90 | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 14 | [illegible] | 10 | | | 0.91 | | 17 | [illegible] | [illegible] | [illegible] | |
| 15 | Tiles | [illegible] | | | 1.00 | | [illegible] | [illegible] | 0 | [illegible] | |
| 16 | [illegible] | [illegible] | | | 7.00 | | [illegible] | 24 | [illegible] | [illegible] | |
| 17 | Roofing Bar | 16 | | | 3.00 | | 4 | [illegible] | [illegible] | [illegible] | |
| 18 | Short Key Bar | [illegible] | 200 | | 2.08 | 17.5 | 61 | [illegible] | [illegible] | [illegible] | [illegible] |
| 19 | Short Key Bar | 8 | 200 | | 1.85 | 17.5 | 61 | [illegible] | 85 | [illegible] | [illegible] |
| 20 | [illegible] | 8 | | 8400 | 18.40 | | 6 | [illegible] | [illegible] | [illegible] | |
| | | DIA WISE | | | 12 | 15 | 25 | 20 | 88 | [illegible] | |
| | | DIA WISE TOTAL WEIGHT | | 284.51 | 338.412 | | [illegible] | [illegible] | 54.8 | | |

| S.NO | DESCRIPTION | NO OF PCS | SPACING (MM)/C/C | SHAPE | CUTTING LENGTH (MTR) | BAR DIA (MM) | NOS | TOTAL LENGTH (MTR) | UNIT WEIGHT | TOTAL WEIGHT (KG) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | A | | | | | | | |
| 1 | Vertical Main Bar | 25 | 250 | 15200 | 15.00 | 25 | 5 | 375 | 3.850 | 1443.75 | Column |
| | | | | 200 | | | | | | | |
| 2 | Vertical Extra Bar | 17 | 250 | 6000 | 7.50 | 25 | 5 | 127.5 | 3.850 | 490.87 | Column |
| 3 | Distribution Bar | 17 | 250 | 4200 | 4.85 | 16.0 | 52 | 252.2 | 1.580 | 398.476 | Column |
| | | | | 400 | | | | | | | |
| 4 | Vertical Main Bar | [illegible] | 250 | 15200 | [illegible] | 25 | 5 | 369 | 3.850 | 1421.65 | Excavation Bar |
| | | | | 400 | | | | | | | |
| 5 | Vertical Extra Bar | 6 | 250 | 12000 | 12.00 | 25 | 2 | [illegible] | [illegible] | [illegible] | Excavation Bar |
| 6 | Distribution Bar | 7 | 250 | 4200 | 4.05 | 16.0 | 52 | 219.1 | 1.580 | 346.198 | Excavation Bar |
| 7 | Stirrups (250x450) | [illegible] | 100 | | 2.000 | 8 | 1.6 | [illegible] | [illegible] | [illegible] | |
| 8 | Stirrups (250x450) | 10 | 250 | | 2.046 | [illegible] | 6 | 20.5 | [illegible] | 140.625 | |
| 9 | Open Links (250x450) | 5 | 300 | | 1.94 | 8 | 200 | 1240.0 | 0.395 | 489.81 | |
| 10 | Open Links (250x450) | 10 | 150 | | 3.02 | 8 | 5 | 15.05 | 0.395 | 5.945 | |
| 11 | Stirrups (250x450) | 4 | 270 | | 1.61 | 8.025 | 1 | 16.100 | 0.395 | 22.420 | |
| 12 | Main Bar | 8 | | | 4.90 | | 10 | 80 | 0.395 | 63.200 | |
| 13 | Distribution Bar | 5 | | | [illegible] | | 12 | 60 | 2.469 | [illegible] | |
| 14 | Lateral Ties of [illegible] | [illegible] | | | 1.61 | | 10 | 12.0 | [illegible] | 20.089 | |
| 15 | Z Bar | 5 | | | 1.20 | | 20 | [illegible] | [illegible] | [illegible] | |
| 16 | L Bar | 20 | | | 2.30 | | [illegible] | 21 | 3.850 | 81.016 | |
| 17 | Hooking Rock | 12 | | | 4.70 | | 6 | 25.2 | 1.6 | [illegible] | |
| 18 | Short Key Bar | 7 | [illegible] | | 2.02 | 12.4 | 55 | [illegible] | 0.395 | [illegible] | CNS 3.28 |
| 19 | Short Key Bar | 6 | 300 | | 1.22 | [illegible] | 39 | [illegible] | 0.395 | [illegible] | CNS 3.28 |
| 20 | Vertical Bar in Short Key | 12 | | 1270 | [illegible] | | 5 | [illegible] | 0.617 | [illegible] | |
| | | 31 (Nos) | | 3 | 16 | 12 | 12 | 30 | 12 | 12 | |
| | | [illegible] | | 301.285 | 787.869 | | [illegible] | [illegible] | [illegible] | | |

48.47
32.140

DRAWING NO.

| S.NO | DESCRIPTION | NO OF BARS (NOS) | SPACING (MM) | SHAPE | CUTTING LENGTH (M) | BEND (M) | LOSS | TOTAL LENGTH (M) | UNIT WEIGHT | TOTAL WEIGHT (KG) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [illegible] | [illegible] | 262 | 400 / 13000 / 200 | [illegible] | 4.55 | [illegible] | [illegible] | 1.000 | [illegible] | [illegible] |
| 2 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 4.55 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 3 | [illegible] | [illegible] | 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 4 | [illegible] | [illegible] | [illegible] | 400 / [illegible] / 400 | [illegible] | 4.25 | [illegible] | [illegible] | 1.000 | [illegible] | Extension Bar |
| 5 | [illegible] | [illegible] | [illegible] | [illegible] | 12.00 | 4.35 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 6 | Distribution Bar | [illegible] | [illegible] | 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7 | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 8 | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 9 | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 10 | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 11 | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 12 | [illegible] | | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 13 | [illegible] | [illegible] | | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 14 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 15 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 16 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 17 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 18 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| 19 | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| 20 | [illegible] | [illegible] | | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | |
| | | [illegible] | 2 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | |

| S.no | Description | No. of Bar (nos) | Dia of Bar (mm) | Shape | Cut-into length (mtr) | Span (mtr) | Nos | Total length (mtr) | Unit weight (kg/mtr) | Total weight (kg) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | [illegible] | 25 | [illegible] | 400 / [illegible] / 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 2 | [illegible] | 10 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 3 | [illegible] | 10 | 200 | 4350 | [illegible] | 17.4 | 25 | 435.0 | [illegible] | 201.450 | [illegible] |
| 4 | [illegible] | 15 | 200 | 400 / [illegible] / 400 | 19.00 | [illegible] | 21 | [illegible] | 1.580 | [illegible] | Excavation [illegible] |
| 5 | [illegible] | 10 | 150 | [illegible] | 12.00 | 4.82 | [illegible] | [illegible] | 2.09 | [illegible] | Excavation [illegible] |
| 6 | [illegible] | 10 | 200 | [illegible] | [illegible] | [illegible] | 68 | 423.0 | [illegible] | [illegible] | Excavation base |
| 7 | Stirrups [illegible] | 8 | 200 | | 3.060 | [illegible] | 108 | 330.48 | [illegible] | 130.000 | |
| 8 | Stirrups [illegible] | [illegible] | 200 | | [illegible] | 8 | 50 | [illegible] | [illegible] | [illegible] | |
| 9 | [illegible] | [illegible] | 200 | | [illegible] | 7 | 310 | [illegible] | [illegible] | [illegible] | |
| 10 | [illegible] | 10 | 200 | | 0.01 | [illegible] | 71 | [illegible] | 0.617 | [illegible] | |
| 11 | [illegible] | [illegible] | [illegible] | | [illegible] | 4.425 | 24 | [illegible] | 0.617 | [illegible] | |
| 12 | [illegible] | | | | 4.00 | | [illegible] | [illegible] | 0.395 | [illegible] | |
| 13 | [illegible] | 16 | | [illegible] | 1.90 | | 22 | 15 | [illegible] | [illegible] | |
| 14 | [illegible] | [illegible] | | | [illegible] | | [illegible] | [illegible] | 0.617 | 15.062 | |
| 15 | [illegible] | 20 | | | 1.80 | | 21 | [illegible] | [illegible] | [illegible] | |
| 16 | [illegible] | 20 | | | 7.00 | | 3 | 21 | 0.458 | [illegible] | |
| 17 | [illegible] | 16 | | | 2.20 | | 6 | 13.2 | [illegible] | [illegible] | |
| 18 | Shear key [illegible] | [illegible] | 200 | | [illegible] | 17.9 | [illegible] | 536.03 | [illegible] | [illegible] | [illegible] |
| 19 | Shear key [illegible] | [illegible] | 200 | | [illegible] | 12.0 | [illegible] | 24.263 | [illegible] | [illegible] | [illegible] |
| 20 | [illegible] | 10 | | [illegible] | [illegible] | | [illegible] | [illegible] | 0.617 | [illegible] | |
| | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | |
| | | [illegible] | | [illegible] | 871.080 | | [illegible] | [illegible] | [illegible] | | |

AVGM

| Description | Date of Concrete | Date of Testing | Curing Days | Date of Testing | Mix Ratio | Weight of Cube (Kg) | Load (KN) | Strength (N/mm²) | Age Strength | Specimen Contents | Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Wall | 26/3/24 | | 7 | 02/4/24 | M30 | 0.251 | 742.8 | 33.01 | | | |
| Wall | 26/3/24 | | 7 | 02/4/24 | M30 | 0.242 | 1021.3 | 45.39 | 40.29 | | |
| Wall | 26/3/24 | | 7 | 02/4/24 | M30 | 0.241 | 996.9 | 44.29 | | | |
| | | | | | | | Avg | 43.83 | Average | Beam | Avg |
| | | | | | | | | | | | Avg |
| Wall | 26/3/24 | | 7 | 02/4/24 | M30 | 0.241 | 792.7 | 32.82 | | | |
| Wall | 26/3/24 | | 7 | 02/4/24 | M30 | 0.223 | 815.6 | 36.58 | 34.98 | | |
| Wall | 26/3/24 | | 7 | 02/4/24 | M30 | 0.225 | 689.9 | 30.66 | | | |
| | | | | | | | Avg | 33.08 | Average | Beam | Avg |
| | | | | | | | | | | | Avg |

Norm

| Specimen | Received Cement | Date of Testing | Curing day | Date of Testing | Mix Design | Weight of Cube | Load (kN) | Strength N/mm² | Avg. Strength | Signature Centre | Signature Eng. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| wall | Hibatech | 01/8/24 | 7 | 08/8/24 | M-30 | 0.260 | 545.9 | 24.22 | | | |
| wall | Hibatech | 01/8/24 | 7 | 08/8/24 | M-30 | 0.242 | 458.0 | 20.36 | 25.48 | | |
| wall | Hibatech | 01/8/24 | 7 | 08/8/24 | M-30 | 0.227 | 317.7 | 31.83 | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| wall | Hibatech | 01/8/24 | 7 | 08/8/24 | M-30 | 0.310 | 917.3 | 36.32 | | | |
| wall | Hibatech | 01/8/24 | 7 | 08/8/24 | M-30 | 0.324 | 710.4 | 33.80 | 32.63 | | |
| wall | Hibatech | 01/8/24 | 7 | 08/8/24 | M-30 | 0.192 | 626.3 | 22.90 | | | |

03 Cube Condition is very poor
Due to rain So we not consider
we consider only - 31.83, 36.32, 33.80
Avg = 33.96 N/mm²

AURW

| Sample | Brand of Cement | Date of Casting | Casting day | Date of Testing | Mix design | Load (Kg) | Strength | Avg. Strength | Weight of Cube | Signature Cont. | Signature Eng. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | Ultratech | 04/8/24 | 7 | 11/8/24 | M30 | 828.3 | 36.83 | | 8.432 | | |
| [illegible] | Ultratech | 04/8/24 | 7 | 11/8/24 | M30 | 728.8 | 32.39 | 33.33 | 8.262 | | |
| [illegible] | Ultratech | 04/8/24 | 7 | 11/8/24 | M30 | 730.4 | 32.02 | | 8.190 | | |
| | | | | | | Avg = | 33.33 N/mm² | | | | |
| [illegible] | Ultratech | 04/8/24 | 7 | 11/8/24 | M30 | 868.9 | 38.62 | | 8.223 | | |
| [illegible] | Ultratech | 04/8/24 | 7 | 11/8/24 | M30 | 800.2 | 35.56 | 33.33 | 8.350 | | |
| [illegible] | Ultratech | 04/8/24 | 7 | 11/8/24 | M30 | 700.6 | 31.13 | | 8.299 | | |
| | | | | | | Avg = | 33.33 N/mm² | | | | |

AIRM

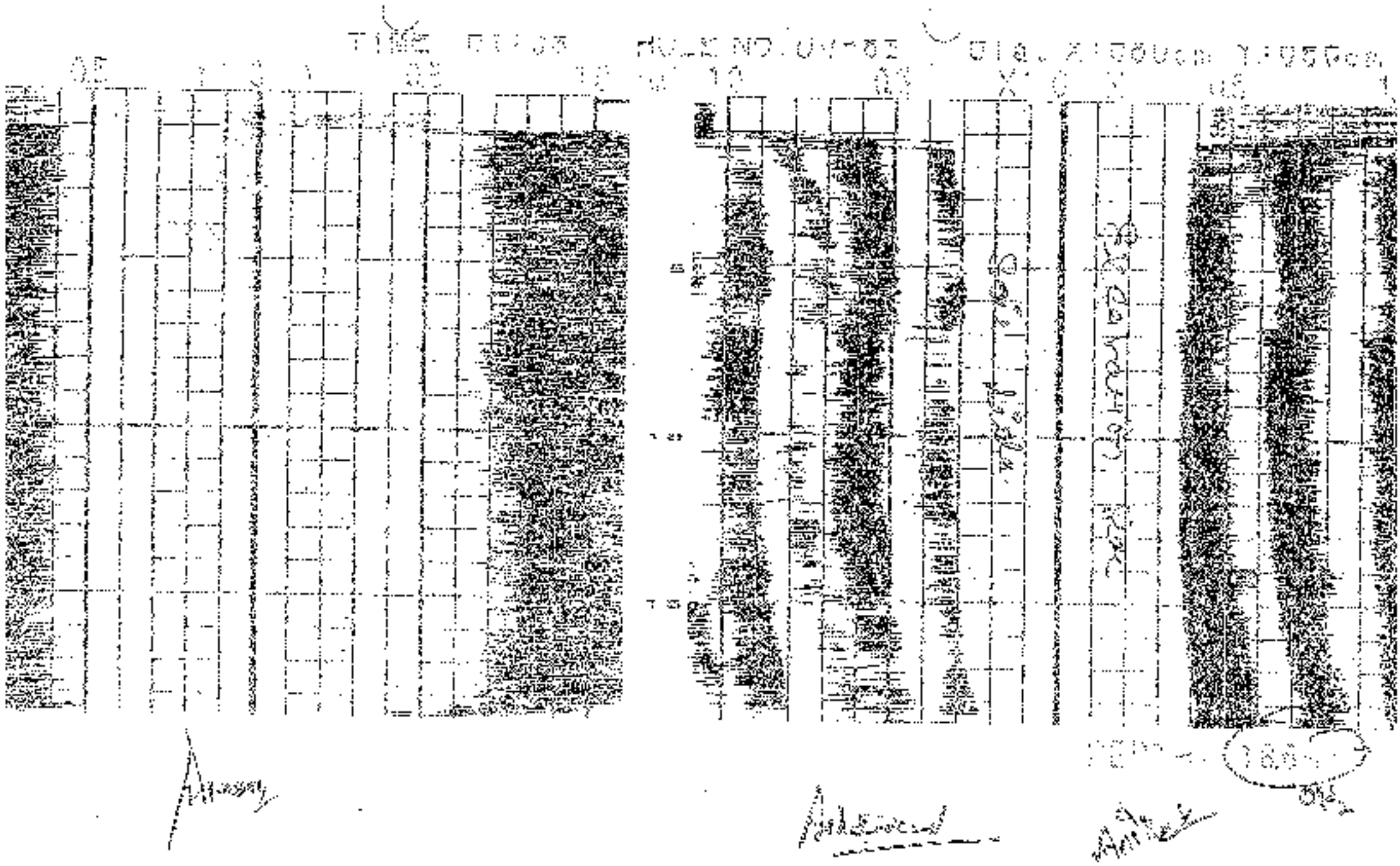
| | Brand of Cement | Date of Casting | Curing day | Date of Testing | Weight | Weight of Cube | Load (KN) | Strength | Avg Strength | Signature Cont. | Signature Exp. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| all | Ultratech | 05/8/24 | 7 | 12/8/24 | [illegible] | 8.320 | 242.2 | 32.32 | 34.13 | [illegible] | [illegible] |
| al | Ultratech | 05/8/24 | 7 | 12/8/24 | [illegible] | 8.142 | 256.0 | 36.25 | | | |
| all | Ultratech | 05/8/24 | 7 | 12/8/24 | [illegible] | 8.370 | 251.4 | 33.54 | | | |
| | | | | | | | Avg = | 34.13 N/mm² | | | |

AVKm

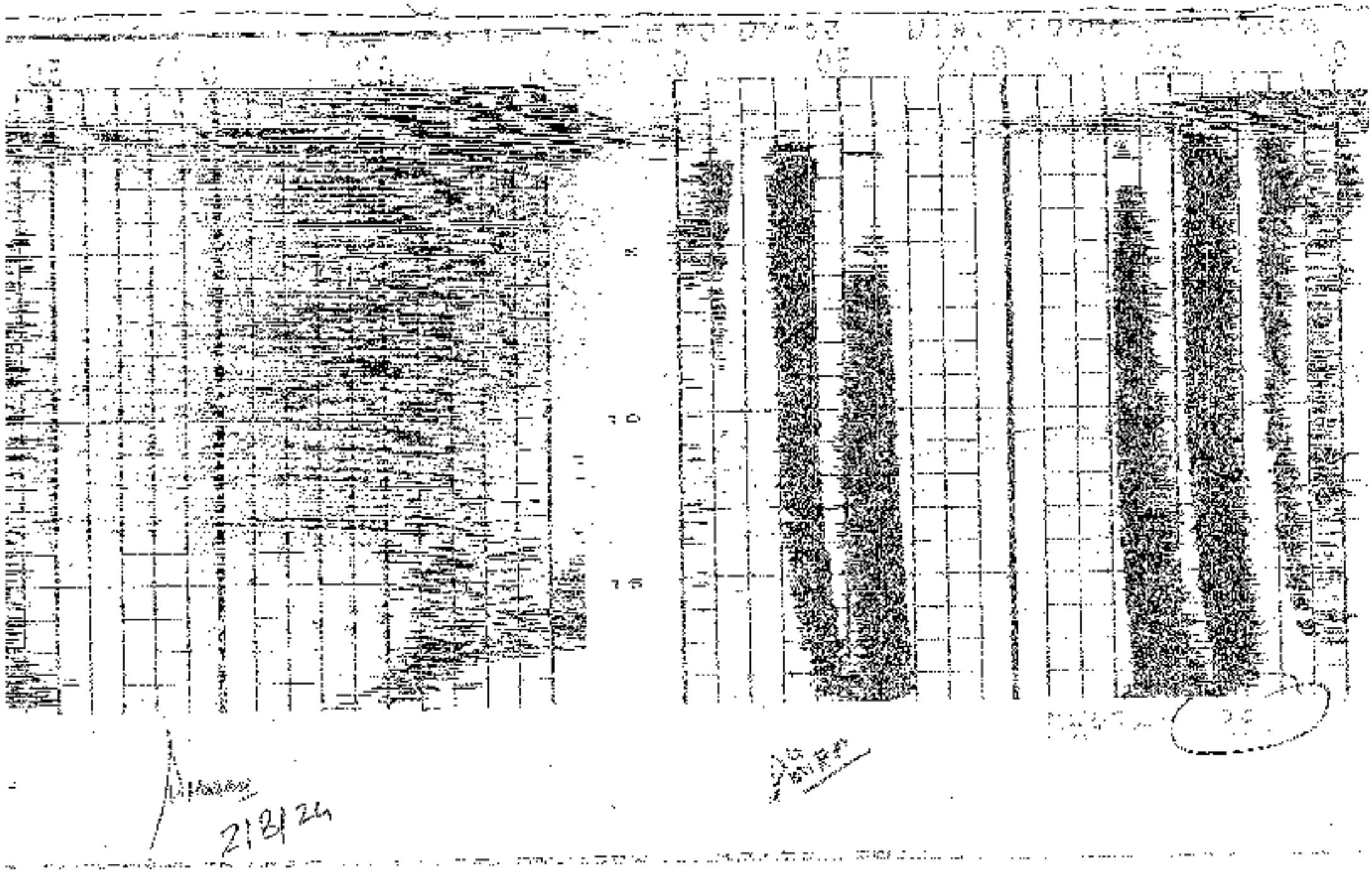
| Specimen | Breaker Cement | Date of Casting | Curing day | Casting date | Curing date | Weight of Cube | Load (KN) | Strength | Avg. Strength | Signature Cont. | Signature Eng. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| wall | Ultratech | 06/8/24 | 7 | 13/8/24 | 20/8/24 | 8.233 | 718.4 | 31.94 | | | |
| wall | Ultratech | 06/8/24 | 7 | 13/8/24 | 20/8/24 | 8.409 | 806.4 | 32.62 | 35.59 | | |
| wall | Ultratech | 06/8/24 | 7 | 13/8/24 | 20/8/24 | 8.266 | 842.2 | 37.43 | | | |
| | | | | | | | Avg = | 35.59 N/mm² | | | |
| wall | Ultratech | 06/8/24 | 7 | 13/8/24 | 20/8/24 | 8.252 | 777.2 | 34.54 | | | |
| wall | Ultratech | 06/8/24 | 7 | 13/8/24 | 20/8/24 | 8.340 | 738.4 | 32.82 | 35.64 | | |
| wall | Ultratech | 06/8/24 | 7 | 13/8/24 | 20/8/24 | 8.321 | 858.6 | 37.80 | | | |
| | | | | | | | Avg = | 35.64 N/mm² | | | |

AVRM

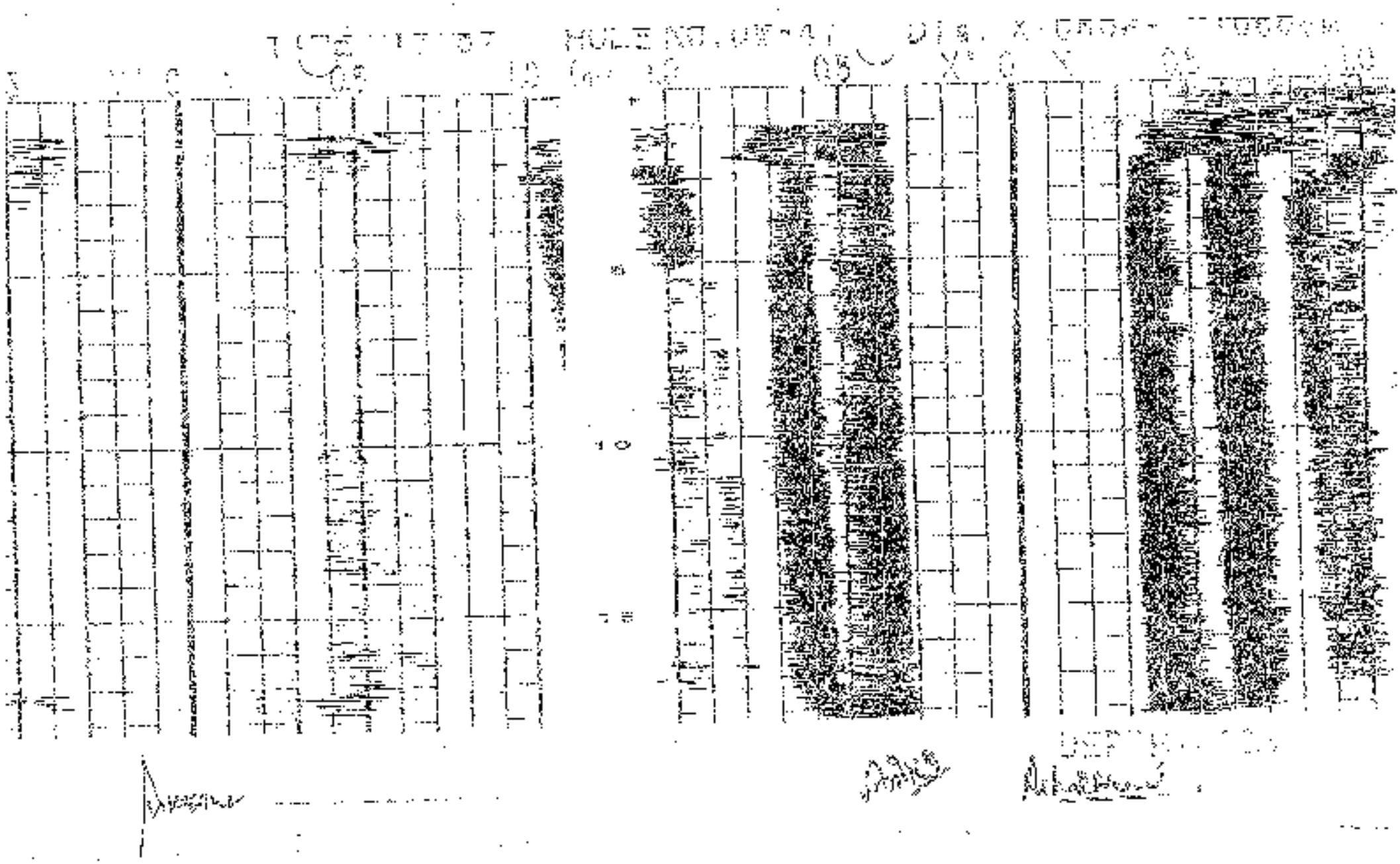
| Description | Brand of Cement | Date of Casting | Casting day | Date of Testing | Weight of Cube | Load (KN) | Strength | Avg. Strength | Signature Cover | Sign |
|---|---|---|---|---|---|---|---|---|---|---|
| D-wall | Ultratech | 07/8/24 | 7 | 14/8/24 | 8.285 | 733.1 | 32.58 | | | |
| D-wall | Ultratech | 07/8/24 | 7 | 14/8/24 | 8.201 | 742.3 | 33.00 | 31.43 | | |
| D-wall | Ultratech | 07/8/24 | 7 | 14/8/24 | 8.282 | 646.2 | 28.72 | | | |
| | | | | | | Avg = | 31.43 N/mm2 | | | |
| D-wall | Ultratech | 07/8/24 | 7 | 14/8/24 | 8.340 | 682.3 | 30.33 | | | |
| D-wall | Ultratech | 07/8/24 | 7 | 14/8/24 | 8.261 | 720.6 | 32.03 | 31.02 | | |
| D-wall | Ultratech | 07/8/24 | 7 | 14/8/24 | 8.440 | 681.5 | 30.30 | | | |
| | | | | | | Avg = | 31.02 N/mm2 | | | |

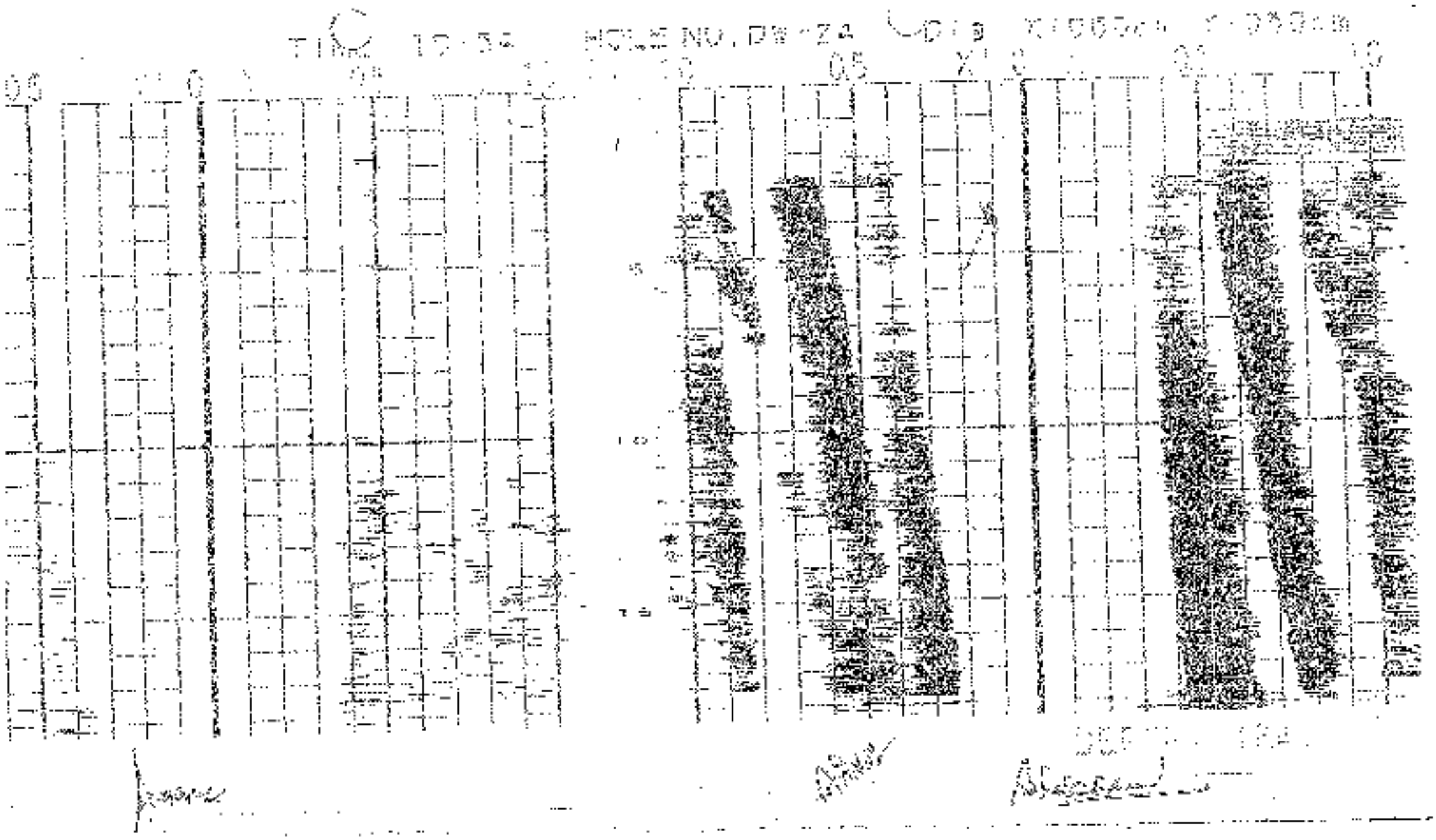


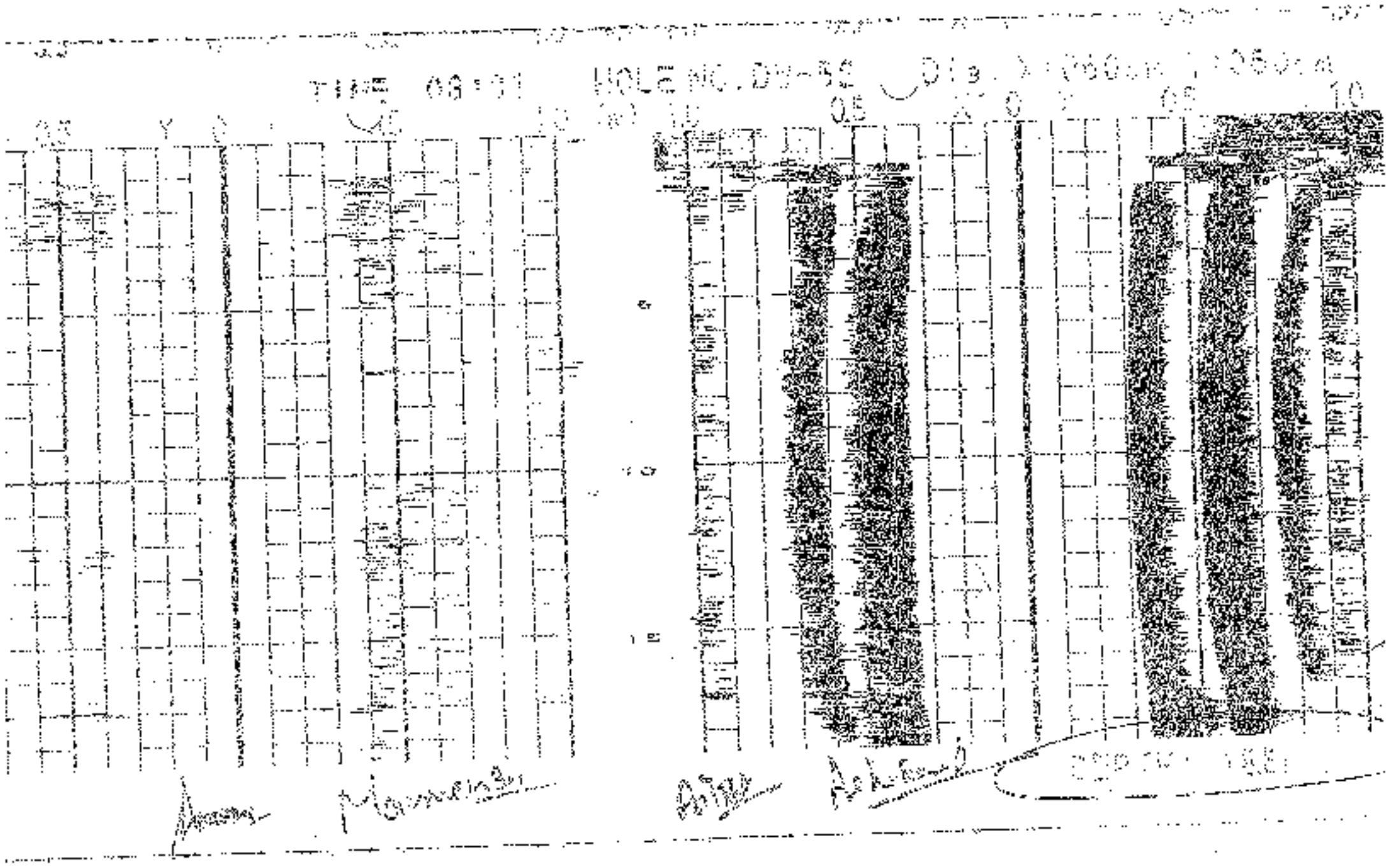
DW-53

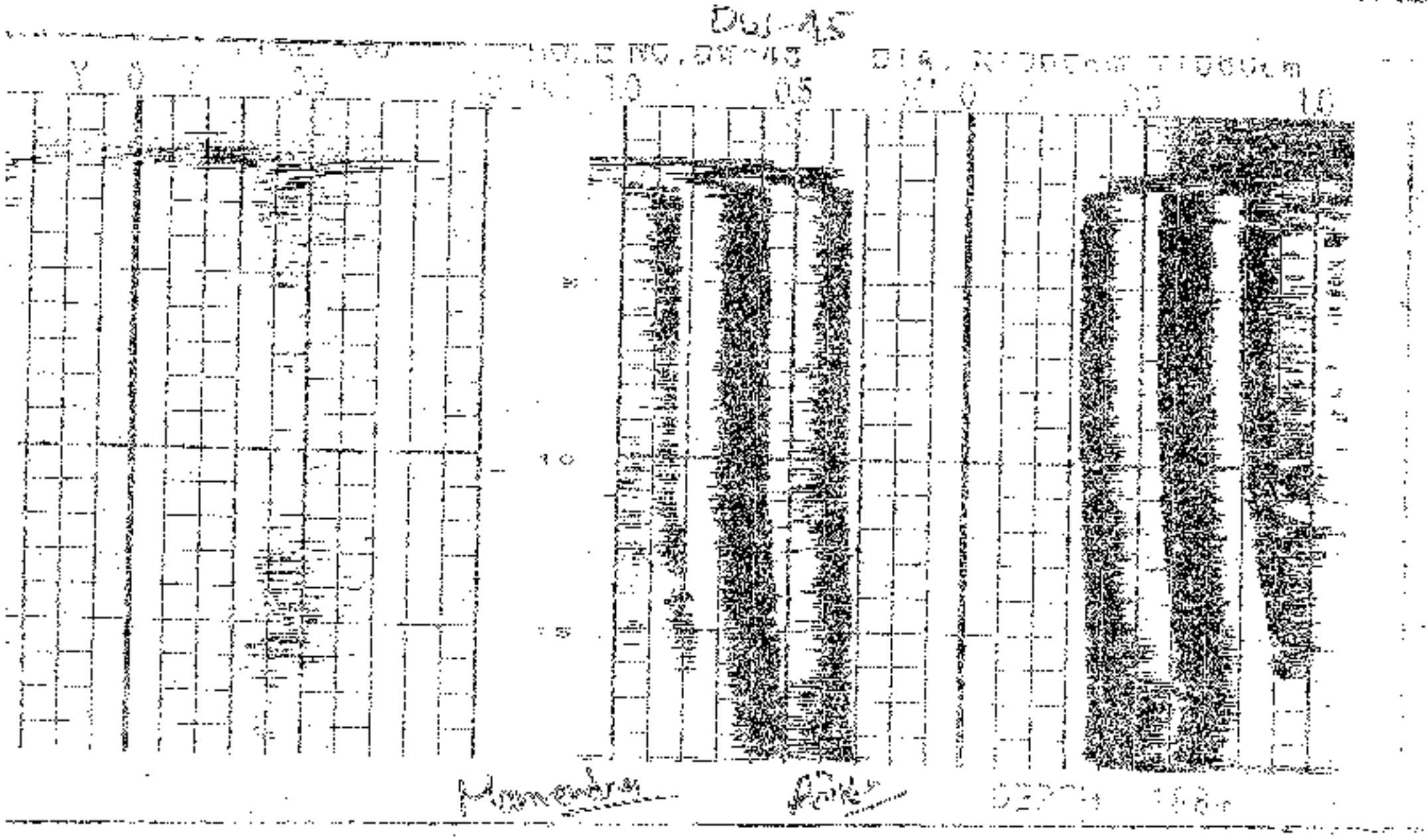


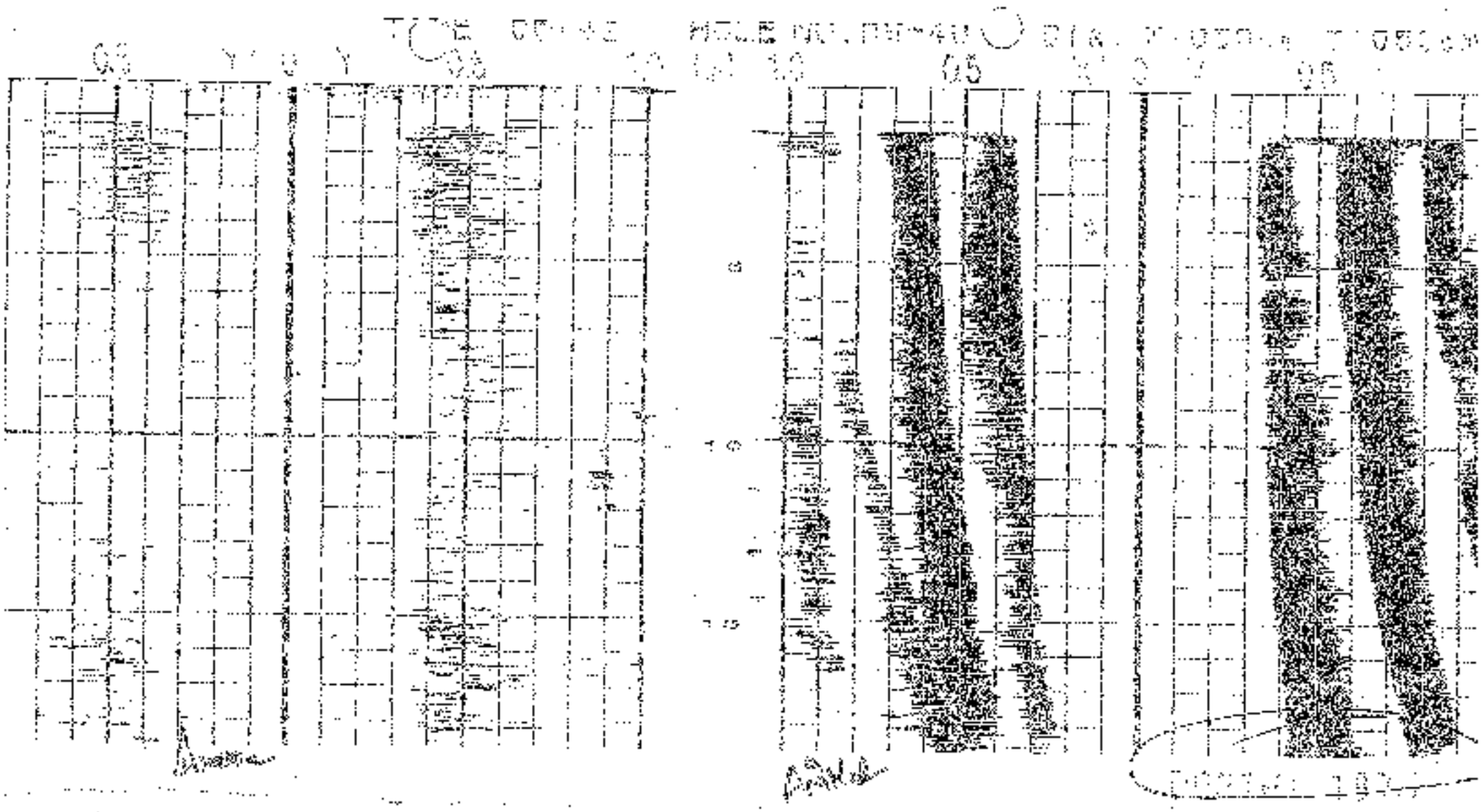
21/8/24

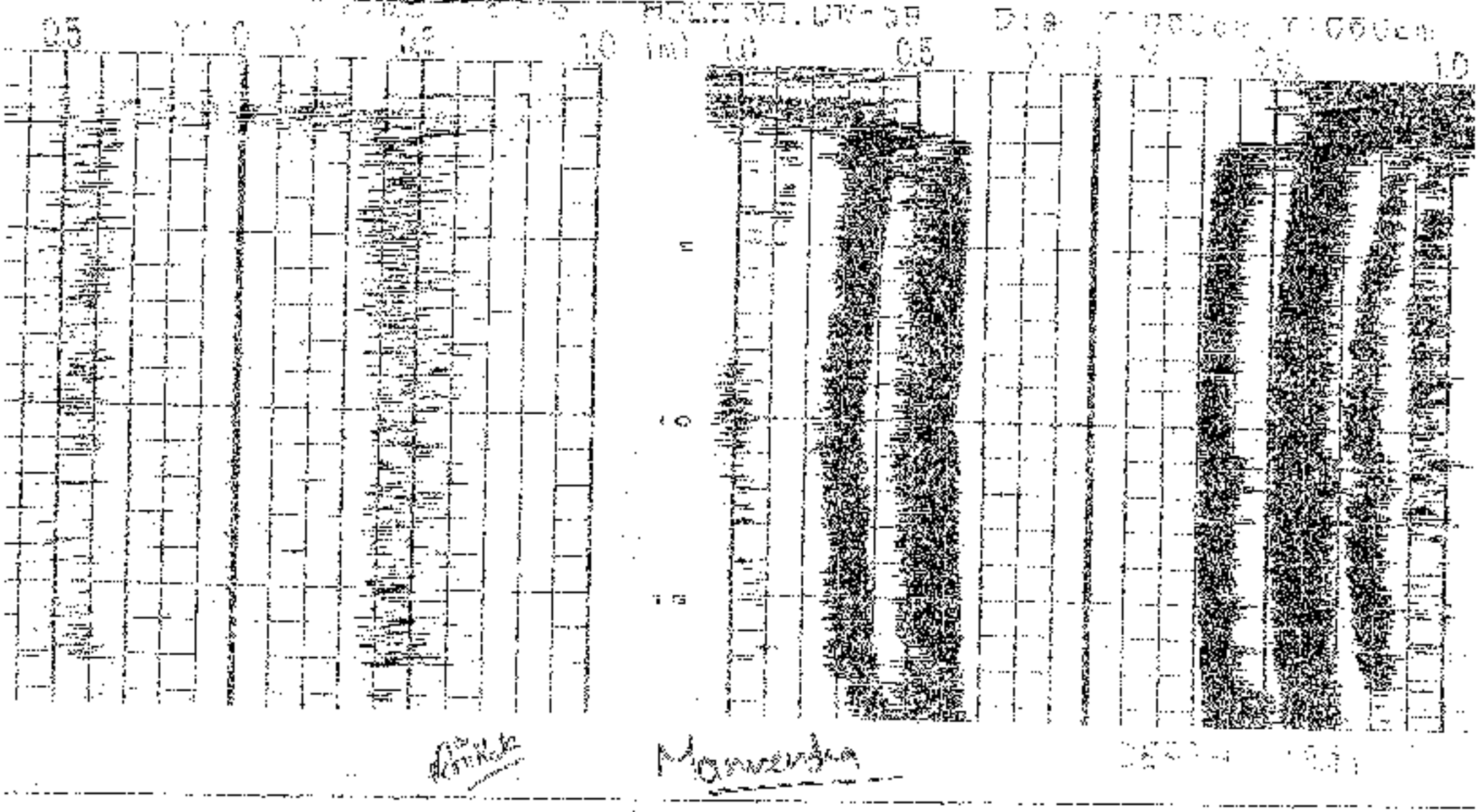


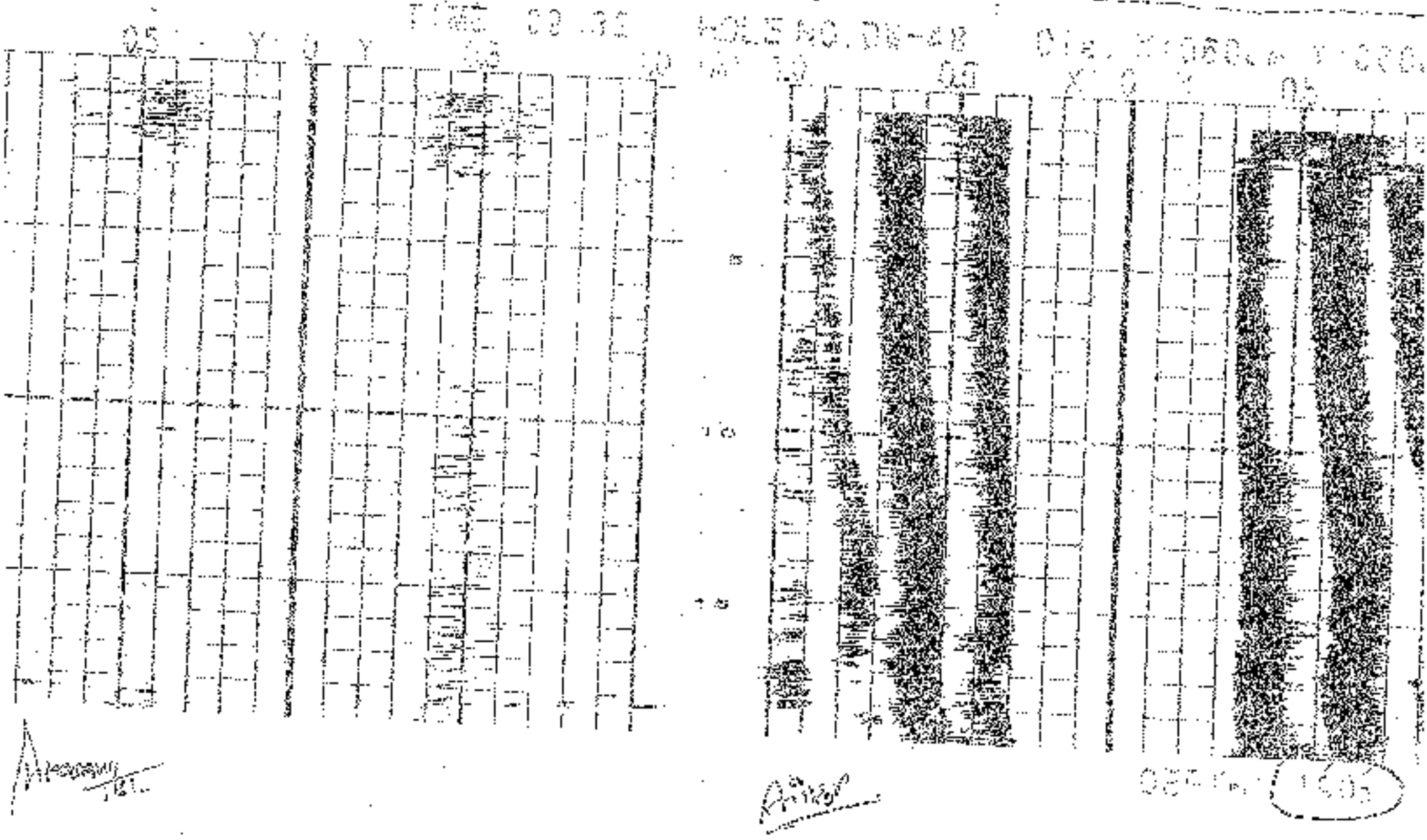


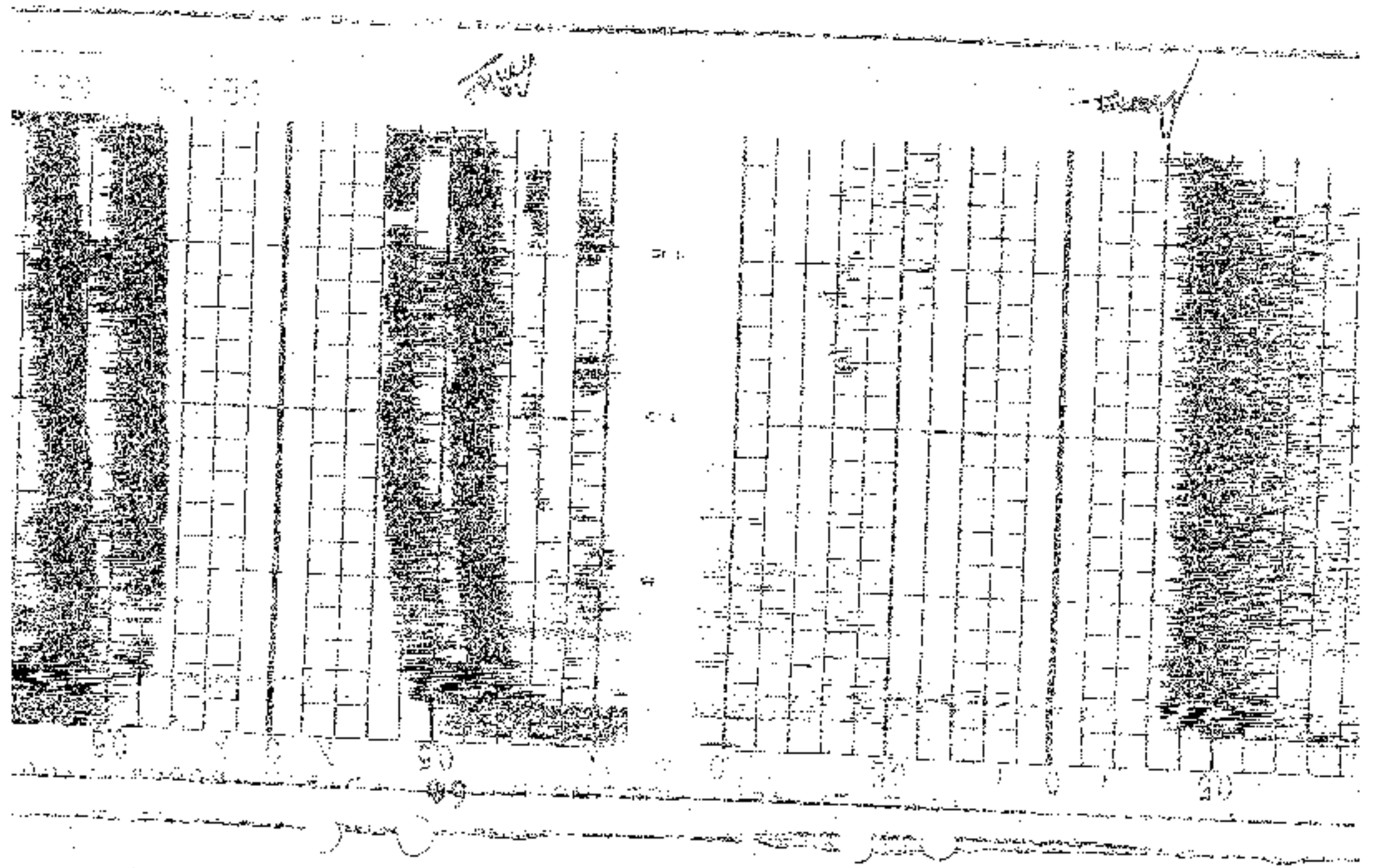


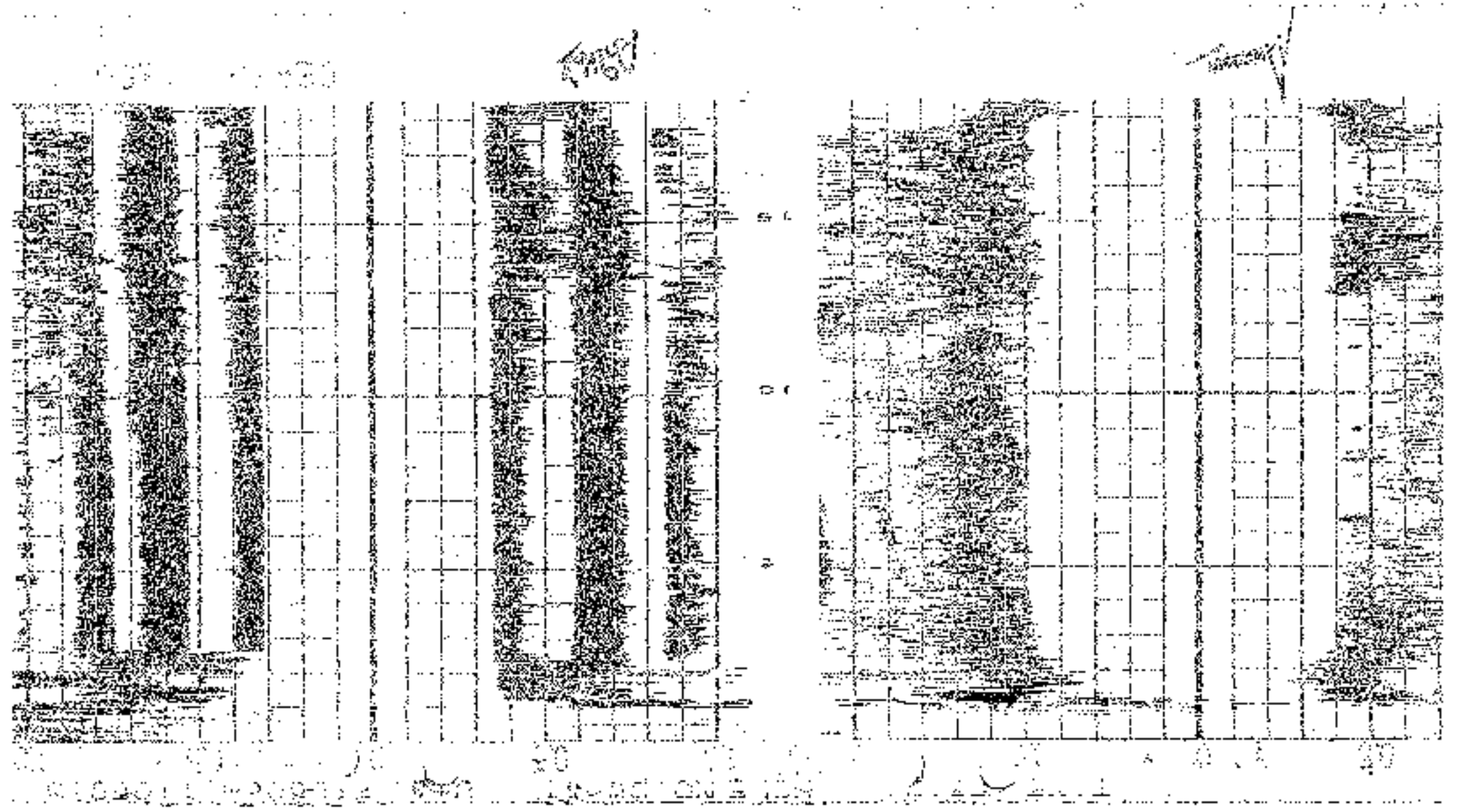


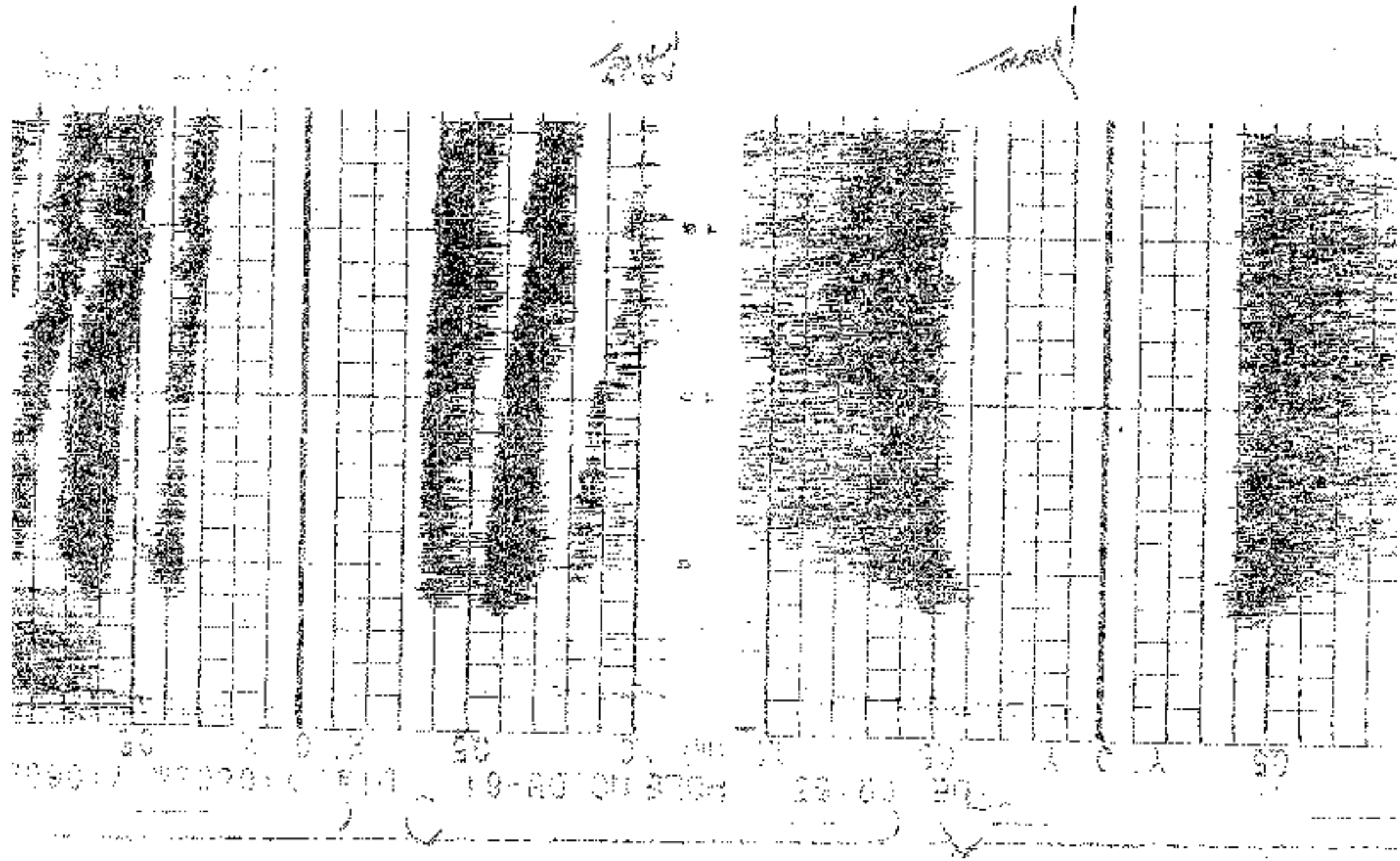












TRACKER ROLLER PAVER FOR MAINTENANCE WALL

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Name | 01/8/24 | | M30 | | | | |
| Paving | DW-68 | | | | | | |
| Height of Interface | A-B | | Wind Speed | | 5.00 m/s | | |
| Drawn | | | | | | | |
| | | | Rolling Start | | Roller Speed | | |
| | | | Start | Finish | | | |
| UP77MN 2104 | 8:25 AM | 190 | 9:05 AM | 9:16 AM | 6.50 | | |
| UP78NT 3048 | 9:10 AM | 180 | 9:18 AM | 9:40 A | 6.50 | | |
| UP78NT 1171 | 9:40 AM | 210 | 9:45 AM | 9:55 AM | 6.5 | | |
| UP77T 7522 | 10:05 AM | 210 | 10:15 AM | 10:30 AM | 6.5 | 2 | |
| UP78GN 9939 | 11:00 AM | 200 | 11:05 AM | 11:25 AM | 6.5 | 3 | |
| UP77AN 0455 | 11:10 AM | 180 | 11:38 A | 12:00 PM | 6.5 | 3 | |
| UP78NT 1171 | 12:04 PM | 180 | 12:10 PM | 12:38 PM | 6.5 | 4 | |
| UP77T 7522 | 1:55 PM | 180 | 2:00 PM | 2:25 PM | 5.0 | 5 | |
| 9 UP77 7219 | 2:35 PM | 170 | 2:40 PM | | 4.0 | 15 | |

Prepared by
Manendra Singh Yadav
01-08-24

# CONCRETE POUR-CARD FOR DIAPHRAGM WALL

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CT: | Paloma Realty. | Date- 02-08-24 | Grade of concrete | M-30 | | | |
| | Paloma | Panel ID- S3 | | | | | |
| ACTOR: | Hoskote | Location- 6-8 | | Panel Length | | 5.078 | |
| TIME: | Dekkan | Theoretical Concrete volume- | | Actual Concrete Pour Volume | | | |
| | | | | Pouring time | | Pour Quant | |
| L.NO | Transit Mixer No. | Arrival time at Placement point | Slump (mm) | Start | Finish | Total | |
| 1 | UP78 N 9739 | 02:51 AM | 205 | 03:54 | 04:01 | 6.5 | |
| 2 | UP78 HT 1171 | 03:06 AM | 205 | 04:04 | 04:12 | 6.5 | |
| 3 | UP78 T 3818 | 03:38 AM | 195 | 04:18 | 04:28 | 6.5 | |
| 4 | UP78 T 7522 | 06:58 AM | 200 | 07:10 | 08:25 | 6.5 | |
| 5 | UP78 T 7523 | 07:45 AM | 220 | 8:05 AM | 8:20 AM | 6.5 | |
| 6 | UP78 DN 1932 | 8:10 AM | 190 | 8:40 AM | 9:15 AM | 6.5 | |
| 7 | UP78 DN 9739 | 8:55 AM | 180 | 9:05 AM | 9:30 AM | 6.5 | |
| 8 | UP78 HT 1171 | 9:40 AM | 180 | 10:10 AM | 11:05 AM | 6.5 | |
| ns (if any) | | | | | | | |

| | HERITAGE INFRASPACE (INDIA) LTD | PALOMA REALITY |
|---|---|---|
| ign | Hanuman | |
| ame | Manoj Kumar Singh Yadav | |
| ate | 02-08-24 | |

Paloma
Paloma
Heritage Infraspace
Dewan

04/8/24
DW-47

M80

5.00 Km

| | | | | | | |
|---|---|---|---|---|---|---|
| UP 78 HT 1171 | 10:56 Am | 165 mm | 11:29 Am | 11:35 Am | 7.00 | 7 |
| UP 78 GH 9739 | 11:38 Am | 210 mm | 11:42 Am | 11:55 Am | 7.00 | 14 |
| UP 78 T 7523 | 11:55 Am | 180 | 12:05 Pm | 12:20 Pm | 7.00 | 21.0 |
| UP 78 AN 2102 | 1:10 Pm | 170 | 1:15 Pm | 1:35 Pm | 7.0 | 28 |
| UP 78 GT 5750 | 1:38 Pm | 175 | 1:50 Pm | 2:20 Pm | 7.0 | 35 |
| UP 78 DN 1932 | 3:05 Pm | 180 | 3:10 Pm | 3:30 Pm | 7.0 | 42 |
| UP 78 DN 1910 | 3:45 Pm | 185 | 4:05 Pm | 4:20 Pm | 7.0 | 49 |
| UP 78 T 7522 | 4:30 Pm | 180 | 4:40 Pm | 5:15 Pm | 7.0 | 153 |

Manveer Singh Yadav
09-08-24

# CONCRETE POUR-CARD FOR DIAPHRAGM WALL

Paloma
Paloma
Heritage Infrastructure
Dwell

Date: 04/8/24
Panel ID: DW-24
Location:

M30

Panel Length: 2.03mtr

| | Arrival Time at Placement point | | Pouring start | | Pour Quantity | |
|---|---|---|---|---|---|---|
| | | | Time | Finish | Total | Cu |
| UP18DN1740 | 6:15 PM | 210 mm | 6:25PM | 6:45PM | 7.0 | 1 |
| UP18DN0455 | 6:40 PM | 200 | 7:05PM | 7:28PM | 7.3 | 14 |
| UP18DT5758 | 7:25 PM | 190 | 7:35PM | 7:49PM | 7 | 21 |
| UP18DN1932 | 8:02 PM | 180 | 8:10PM | 8:24PM | 3 | 24.6 |

AWF

HERITAGE INFRASPACE (INDIA) LTD

Mandeep Singh Yadav
04-08-24

PALOMA REALITY

# CONCRETE POUR CARD FOR DIAPHRAGM WALL

| | | | | | | |
|---|---|---|---|---|---|---|
| Pilong | Date 5/8/24 | Grade of concrete | M30 | | | Total Vol |
| Pilong | Panel ID 52 | | | | | |
| Hedge Infraspace | Location- | | Panel length | | 2.9 mtr | Width |
| Dadri | Theoretical Concrete volume- | | Actual Concrete Pour Volume | | | |
| Transit Mixer No. | Arrival Time of Placement point | Slump (cm) | Pouring time | | Pour Quantity (cum) | |
| | | | Start | Finish | Total | Cumulativ |
| UP 78 DN 1711 | 9:20 Am | 210 | 9:30 Am | 9:50 Am | 7.0 | 7.0 |
| UP 78 DN 0455 | 9:50 Am | 200 | 9:55 Am | 10:07 Am | 7.0 | 14.0 |
| UP 78 FT 1521 | 9:40 Am | 160 | 10:08 Am | 10:35 Am | 7.0 | 21.0 |
| UP 78 HT 1171 | 10:30 Am | 170 | 10:47 Am | 11:06 Am | 7.0 | 28.0 |
| UP 78 DN 1711 | 12:22 Pm | 195 | 12:28 Pm | 12:50 Pm | 3.0 | 31.0 |

| | |
|---|---|
| MEGHA INFRASPACE (INDIA) LTD | VALIDIA BEMITY |
| Rohitash Singh 5/8/24 | |

CONCRETE POUR CARD FOR DRAINAGE WALL

| | | | | | | |
|---|---|---|---|---|---|---|
| Project<br>Paloma<br>Heritage Infraspace<br>Dewas | Date 6/8/24<br>Panel ID 45<br>Location<br>Theoretical Transit Volume | Grade of concrete | M30 | | | Total<br>W |
| | | | Panel length | | 3.0 mtr | |
| | | | Actual Concrete Pour Volume | | | |
| Mixer Driver No. | Actual time at Batching point | Slump (mm) | Pouring time | | Pour Quantity(cu | |
| | | | Start | Finish | Total | Cumu |
| UP78HT 3048 | 7:20 AM | 190 | 8:35 AM | 8:47 AM | 6.50 | 6.5 |
| UP78AN 9757 | 8:24 AM | 190 | 8:52 AM | 9:05 AM | 6.50 | 13.0 |
| UP78HT 7522 | 9:55 AM | 190 | 10:00 AM | 10:11 AM | 6.5 | 19.5 |
| UP78DN 1710 | 10:00 AM | 180 | 10:11 AM | 10:30 AM | 7.00 | 26.5 |
| UP78HT 1171 | 10:20 AM | 180 | 10:38 AM | 11:10 AM | 7.00 | 33.5 |
| UP78HT 3048 | 12:30 AM | 200 | 12:35 AM | 12:50 AM | 6.00 | 39.5 |

HERITAGE INFRASPACE (INDIA) LTD

Manu Kumar

PALOMA REALTY

CONCRETE [illegible] CARD FOR DIAPHRAGM WALL

| | | | | | | |
|---|---|---|---|---|---|---|
| Reliance Reliance Heritage Infrastructure D-Wall | Date: 7/8/24<br>Panel ID: DW-40<br>Location:<br>Theoretical Concrete volume: | Grade of concrete | M 30 | | | Total |
| | | | Panel Length | | 5.00m | Wi |
| | | | Actual Concrete Pour Volume | | | |
| Transit mixer No. | Arrival time at Placement point | Slump (mm) | Pouring time | | Pour Quantity/Truck | |
| | | | Start | Finish | Total | Cum |
| UP 71 HT 0455 | 5:18 Pm | 150 | 5:30 Pm | 6:00 Pm | 7.0 | 7.0 |
| UP 78 T 1818 | 6:10 Pm | 200 | 6:25 Pm | 6:44 Pm | 7.0 | 14.0 |
| UP 78 DN 1832 | 6:51 Pm | 190 | 7:04 Pm | 07:40 Pm | 6.50 | 20 |
| UP 71 T 7523 | 07:45 Pm | 160 | 08:58 | 9:25 Pm | 6.50 | 27 |
| UP 78 HT 5950 | 07:55 Pm | 170 | 09:30 | 09:45 Pm | 6.50 | 32 |
| UP 78 HT 3048 | 08:58 Pm | 210 | 09:55 | 10:25 Pm | 6.5 | 40 |
| UP 71 T 7818 | 11:19 Pm | 205 | 11:05 | 12:25 Am | 6.5 | 46 |
| UP 71 HT 7523 | 02:48 Am | 200 | 02:14 | 02:28 Am | 3 | 49 |

[illegible]

| | |
|---|---|
| [illegible] INFRASTRUCTURE (INDIA) LTD | FALCON REALTY |
| [illegible]<br>Dhananjay Singh<br>7/8/24 | |

DW

CONCRETE POUR CARD FOR DIAPHRAGM WALL

| | | | | | | |
|---|---|---|---|---|---|---|
| Pelorus building project<br>Pelorus<br>HERITAGE DUPLEXSPACE<br>D-wall | Date: 02/11/24<br>Panel ID: D2 — S9<br>Location: A-B<br>Theoretical Concrete volume: | Grade of concrete | M30 | | | Tec |
| | | | Panel Length | | 5700 mm | |
| | | | Actual Concrete Pour Volume | | | |
| Transit Mixer No. | Arrival time at Placement point | Slump (mm) | Pouring time | | Pour Quantity | |
| | | | Start | Finish | Total | Cum |
| UP94 AN2102 | 2:30 Am | 215 | 03:14 am | 03:21 Am | 6.5 | 6 |
| UP94AN2104 | 2:45 Am | 220 | 03:24 am | 03:32 am | 6.5 | 1 |
| UP78HT1941 | 04:23 am | 220 | 04:31 am | 04:40 am | 6.5 | 19 |
| UP78AN9439 | 04:59 Am | 220 | 05:11 am | 05:23 am | 6.5 | 2 |
| UP94HT7522 | 05:42 Am | 220 | 06:01 am | 06:14 Am | 6.5 | 32 |
| UP94HT5720 | 06:09 am | 230 | 06:24 am | 06:33 Am | 6.5 | 3 |
| UP78HT1171 | 06:25 Am | 230 | 06:35 am | 06:58 Am | 6.5 | 45 |
| UP78AN9734 | 06:01 Am | 240 | 08:05 | 08:14 am | 6.5 | 52 |

| | |
|---|---|
| HERITAGE SPACE INDIA LTD<br>Manoj<br>Manoj Singh Yadav<br>02-07-24 | PELORUS REALTY |

# CONCRETE POUR CARD FOR DIAPHRAGM WALL

| | | | | | | |
|---|---|---|---|---|---|---|
| Palmira | Date: 16/8/24 | Grade of concrete | M30 | | | Total: |
| Palmira | Panel ID: D-W-48 | | | | | |
| Heritage Infraspace | Location: | | Panel Length | | 5' 00 Mtr | Wid |
| D-W-48 | Theoretical Concrete volume: | | Actual Concrete Pour Volume | | | |
| Transit Mixer No. | Arrival time at Placement point | Slump (mm) | Pouring time | | Pour Quantity in | |
| | | | Start | Finish | Total | Cumul |
| UP78AN 2102 | 1:00 Pm | 280 | 1:20Pm | 1:20Pm | 7.00 | 7.00 |
| UP78T 7523 | 1:18Pm | 200 | 1:35Pm | 1:40Pm | 7.00 | 14.0 |
| UP78T 7522 | 1:50Pm | 220 | 1:55Pm | 2:05Pm | 7.00 | 21.0 |
| UP78DN 1410 | 2:00 Pm | 220 | 2:15Pm | 2:30Pm | 7.00 | 28.0 |
| UP78HT 3048 | 5:05 Pm | 220 | 5:12Pm | 5:30Pm | 7.00 | 35.0 |
| UP78T 7523 | 6:19 Pm | 200 | 6:35Pm | 6:50Pm | 7.00 | 42.0 |
| UP78BH 5740 | 6:50 Pm | 220 | 7:13Pm | 7:35Pm | 7.0 | 49.0 |
| UP78AN 0455 | 7:40 Pm | 220 | 7:50Pm | 8:05Pm | 4.0 | 53.0 |

| | | |
|---|---|---|
| INTERNATIONAL PRECAST (INDIA) LTD | | PALOMA REALITY |
| Supervisor | | |
| Rohan Singh | | |
| 16/8/24 | | |

CONCRETE POUR CARD FOR DIAPHRAGM WALL

| | | | | | | |
|---|---|---|---|---|---|---|
| Paloma building<br>Paloma Reality<br>Heritage<br>Dahisar | Date: 11-02-24<br>Panel No: DW-60<br>Location:<br>Theoretical concrete volume: | | Grade of concrete | M30 | | |
| | | | | Pour length | 2.600 mtr | |
| | | | | Actual Concrete Pour Volume | | |
| Transit Mixer No. | Arrival time at Placement point | Slump (mm) | | Pouring time | | Pour Quantity |
| | | | | Start | Finish | Total |
| UP77AM 0455 | 03:48 AM | 210 | | 05:13 AM | 05:20 AM | 6.5 |
| UP77T 7523 | 05:12 AM | 220 | | 05:25 AM | 05:33 AM | 6.5 |
| UP77AN 2104 | 06:12 AM | 220 | | 06:20 AM | 06:37 AM | 6.5 |
| UP77T 7818 | 06:58 AM | 220 | | 07:15 AM | 07:40 AM | 6.5 |
| UP78DN 1411 | 08:09 AM | 240 | | 8:22 AM | 08:45 AM | 6.5 |
| UP78HT 1171 | 8:58 AM | 230 | | 9:10 AM | 9:19 AM | 6.5 |
| UP78DN 1931 | 9:15 AM | 240 | | 9:28 AM | 9:40 AM | 6.5 |
| UP78HT 5048 | 10:20 AM | 200 | | 10:32 AM | 10:50 AM | 6.5 |
| 9. UP78HT 1171 | 12:35 PM | due to slump value over concrete pouring is a | | 12:39 PM | 12:45 PM | 1.5 |

time

HERITAGE INFRASPACE (INDIA) LTD

Name:
Signature:
12-02-24

PALOMA REALITY

CONCRETE POUR CARD FOR DIAPHRAGM WALL

Paloma
Paloma
Heritage Infraspace
D-wall

Date- 13/8/24
Panel ID- DW-41
Location-
Theoretical Concrete Volume-

Grade of concrete: M-30

Panel Length: 5.00 mtr
Actual Concrete Pour Volume

| Transit Mixer No. | Actual time of Placement point | Slump (mm) | Pouring time: Start | Pouring time: Finish | Pour Discontinuo: Total | Con |
|---|---|---|---|---|---|---|
| UP 77 7818 | 2:10 PM | 190 | 2:27 PM | 3:10 PM | 7.00 | 7 |
| UP 77 AN 0455 | 2:35 PM | 190 | 3:12 PM | 3:30 PM | 7.00 | 14 |
| UP 77 7523 | 3:00 PM | 180 | 3:35 PM | 3:50 PM | 7.00 | 21 |
| UP 78 AT 5750 | 4:18 PM | 200 | 4:25 PM | 4:49 PM | 7.00 | 28 |
| UP 78 HN 1535 | 5:48 PM | 190 | 5:53 PM | 6:05 PM | 7.00 | 35.0 |
| UP 77 7818 | 6:00 PM | 210 | 6:13 PM | 6:29 PM | 7.00 | 42.0 |
| UP 77 AN 2104 | 6:30 PM | 200 | 6:37 PM | 6:55 PM | 7.00 | 49.0 |

This panel payment Hold till Excavation (Visible till

HERITAGE INFRASPACE INDIA LTD

PALOMA REALTY

CONCRETE POUR CARD FOR DIAPHRAGM WALL

| | | | | | | |
|---|---|---|---|---|---|---|
| Palong | Date 14/8/24 | Grade of Concrete | M30 | | | Total |
| Palong | Panel No. DW-61 | | | | | |
| Heritage Infraspace | Location | | Panel Length | | 5.50 mt | Wi |
| Dewan | Theoretical Concrete volume | | Panel Concrete Pour volume | | | |
| Pump chainage | Actual volume of concrete poured | Slump (mm) | Pour Time | | Pour Duration | |
| | | | Start | Finish | Total | Conc |
| UP77T7818 | 1:45 Pm | 210 | 1:45Pm | 2:00Pm | 7.00 | 7.0 |
| UP78AN2102 | 1:55 Pm | 200 | 2:05Pm | 2:15Pm | 7.00 | 14 |
| UP78HT3048 | 2:13 Pm | 205 | 2:45Pm | 3:00Pm | 7.00 | 21 |
| UP77T7819 | 3:00Pm | 160 | 3:10Pm | 3:25Pm | 7.00 | 28 |
| UP77T7523 | 5:00Pm | 170 | 5:05Pm | 5:20Pm | 7.00 | 35.0 |
| UP78DN1711 | 5:25Pm | 170 | 5:30Pm | 5:45Pm | 7.00 | 42.0 |
| UP78HT3048 | 5:38Pm | 175 | 5:52Pm | 6:13Pm | 7.00 | 49.0 |
| UP78HT1171 | 8:58 Pm | 190 | 09:25 pm | 9:50 pm | 6.50 | 55.5 |

Signature of Supervisor

14-08-24

Signature of Engineer