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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AA/01

Report No. : VTL/A/2603190003/A

Name & Address of the Party : M/S Jindal Saw Ltd.

Format No : 7.8 F-02

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Suras Pit
 Sample Collected By : VTL Team
 Instrument Code : VTL/RDS/FPS/03
 Coordinates : 25°19'28" & 74°32'3"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 13/03/2026 To 14/03/2026
 Time of Monitoring : 08:00 TO 08:00 Hrs.
 Ambient Temperature (°C) : Min. 21°C Max. 35°C
 Surrounding Activity : Human, Vehicular & Plant Act.
 Method of Sampling : IS :5182
 Sampling Duration : 24 Hrs.
 Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---|--|------------------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 65.45 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 30.51 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 16.50 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 13.09 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 method (NDIR) | 0.88 | mg/m ³ | 4 |
| 6 | Benzene (as C6H6) | IS 5182 (P-11)-2006 RA 2022 | *BDL (**DL 1.0) | µg/m ³ | 5 |
| 7 | Ammonia (as NH3) | IS 5182 (P-25)-2018 | 13.54 | µg/m ³ | 400 |
| 8 | Ozone (as O3) | IS 5182 (P-9):1974, RA.2019 | 11.45 | µg/m ³ | 180 |
| 9 | Lead (as Pb) | IS 5182 (P-22) : 2004, RA.2019 | *BDL (**DL 0.02) | µg/m ³ | 1 |
| 10 | Arsenic (as As) | VTL/STP/02/STP/09 | *BDL (**DL 0.5) | ng/m ³ | 6 |
| 11 | Nickel (as Ni) | IS 5182 (P-26) : 2020 | *BDL (**DL 5.0) | ng/m ³ | 20 |
| 12 | Benzo (alpha) Pyrene-Particulate Phase Only | IS:5182 (P-12):2004, RA.2019 | *BDL (**DL 0.2) | ng/m ³ | 1 |
| 13 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 338 | µg/m ³ | -- |



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Corporate & Registered Office:

Plot No. Q-39, Shringarpura, Narayan Vihar Q,
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- Authenticity of Test Report and Accreditation status may be seen online through QR Code.
- Retention period of sample will be 30 days only, any query beyond 30 days will not be entertained.



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TEST REPORT

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TC-16019

Sample Number: VTL/AA/01

Report No. : VTL/A/2603190003/A

*BDL-Below Detection Limit, **DL:-Detection Limit

End of Report



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TEST REPORT

VIBRANT

TC-16019

Report No. : VTL/A/2603190001/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026

Sample Number : VTL/AA/01

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: - 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhiwara Rajasthan

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Tiranga Pit
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°19'28" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 13/03/2026 To 14/03/2026
Time of Monitoring : 08:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 35°C
Surrounding Activity : Human, Vehicular & Plant Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---|---|------------------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 76.29 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 34.75 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 18.34 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 10.62 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA, 2019 method (NDR) | 0.81 | mg/m ³ | 4 |
| 6 | Benzene (as C6H6) | IS 5182 (P-11)-2006 RA 2022 | *BDL (**DL 1.0) | µg/m ³ | 5 |
| 7 | Ammonia (as NH3) | IS 5182 (P-25)-2018 | 10.71 | µg/m ³ | 400 |
| 8 | Ozone (as O3) | IS 5182 (P-9):1974, RA, 2019 | 9.32 | µg/m ³ | 180 |
| 9 | Lead (as Pb) | IS 5182 (P-22) : 2004, RA, 2019 | *BDL (**DL 0.02) | µg/m ³ | 1 |
| 10 | Arsenic (as As) | VTL/STP/02/STP/09 | *BDL (**DL 0.5) | ng/m ³ | 6 |
| 11 | Nickel (as Ni) | IS 5182 (P-26) : 2020 | *BDL (**DL 5.0) | ng/m ³ | 20 |
| 12 | Benzo (alpha) Pyrene-Particulate Phase Only | IS:5182 (P-12):2004, RA, 2019 | *BDL (**DL 0.2) | ng/m ³ | 1 |
| 13 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 298 | µg/m ³ | -- |



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VIBRANT

Sample Number : VTL/AA/01



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Report No. : VTL/A/2603190001/A

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End of Report



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TEST REPORT

VIBRANT
Sample Number : VTL/AA/01

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhiwara Rajasthan

Report No. : VTL/A/2603190002/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Dhulkera Pit
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°19'28" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 13/03/2026 To 14/03/2026
Time of Monitoring : 08:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 35°C
Surrounding Activity : Human, Vehicular & Plant Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---|--|------------------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 71.24 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 26.69 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 16.81 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 9.62 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 method (NDIR) | 0.73 | mg/m ³ | 4 |
| 6 | Benzene (as C6H6) | IS 5182 (P-11)-2006 RA 2022 | *BDL (**DL 1.0) | µg/m ³ | 5 |
| 7 | Ammonia (as NH3) | IS 5182 (P-25)-2018 | 11.92 | µg/m ³ | 400 |
| 8 | Ozone (as O3) | IS 5182 (P-9):1974, RA. 2019 | 10.76 | µg/m ³ | 180 |
| 9 | Lead (as Pb) | IS 5182 (P-22) : 2004, RA. 2019 | *BDL (**DL 0.02) | µg/m ³ | 1 |
| 10 | Arsenic (as As) | VTL/STP/02/STP/09 | *BDL (**DL 0.5) | ng/m ³ | 6 |
| 11 | Nickel (as Ni) | IS 5182 (P-26) : 2020 | *BDL (**DL 5.0) | ng/m ³ | 20 |
| 12 | Benzo (alpha) Pyrene-Particulate Phase Only | IS:5182 (P-12):2004, RA. 2019 | *BDL (**DL 0.2) | ng/m ³ | 1 |
| 13 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 263 | µg/m ³ | -- |



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Sample Number : VTL/AA/01

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TEST REPORT

TC-16019

Sample Number : VTL/AA/01

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No.:- 631/05).Near Tiranga Hill, Village- Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2603190004/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Samodi Village
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/04
Coordinates : 25°19'28" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 13/03/2026 To 14/03/2026
Time of Monitoring : 08:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 35°C
Surrounding Activity : Human, Vehicular & Plant Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---|--|------------------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 68.31 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 26.27 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 16.66 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 12.30 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 method (NDIR) | 0.65 | mg/m ³ | 4 |
| 6 | Benzene (as C6H6) | IS 5182 (P-11)-2006 RA 2022 | *BDL (**DL 1.0) | µg/m ³ | 5 |
| 7 | Ammonia (as NH3) | IS 5182 (P-25)-2018 | 11.52 | µg/m ³ | 400 |
| 8 | Ozone (as O3) | IS 5182 (P-9):1974, RA.2019 | 10.19 | µg/m ³ | 180 |
| 9 | Lead (as Pb) | IS 5182 (P-22) : 2004, RA.2019 | *BDL (**DL 0.02) | µg/m ³ | 1 |
| 10 | Arsenic (as As) | VTL/STP/02/STP/09 | *BDL (**DL 0.5) | ng/m ³ | 6 |
| 11 | Nickel (as Ni) | IS 5182 (P-26) : 2020 | *BDL (**DL 5.0) | ng/m ³ | 20 |
| 12 | Benzo (alpha) Pyrene-Particulate Phase Only | IS:5182 (P-12):2004, RA.2019 | *BDL (**DL 0.2) | ng/m ³ | 1 |
| 13 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 269 | µg/m ³ | -- |



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Sample Number : VTL/AA/01

TC-16019

Report No. : VTL/A/2603190004/A

*BDL-Below Detection Limit, **DL:-Detection Limit

End of Report



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AA/01

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2603190005/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Dariba Village
 Sample Collected By : VTL Team
 Instrument Code : VTL/RDS/FPS/01
 Coordinates : 25°19'28" & 74°32'3"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 14/03/2026 To 15/03/2026
 Time of Monitoring : 08:00 TO 08:00 Hrs.
 Ambient Temperature (°C) : Min. 21°C Max. 36°C
 Surrounding Activity : Human, Vehicular & Plant Act.
 Method of Sampling : IS :5182
 Sampling Duration : 24 Hrs.
 Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---|--|------------------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 62.25 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 25.0 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 15.13 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 11.01 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 method (NDIR) | 0.68 | mg/m ³ | 4 |
| 6 | Benzene (as C6H6) | IS 5182 (P-11)-2006 RA 2022 | *BDL (**DL 1.0) | µg/m ³ | 5 |
| 7 | Ammonia (as NH3) | IS 5182 (P-25)-2018 | 12.73 | µg/m ³ | 400 |
| 8 | Ozone (as O3) | IS 5182 (P-9):1974, RA,2019 | 9.32 | µg/m ³ | 180 |
| 9 | Lead (as Pb) | IS 5182 (P-22) : 2004, RA,2019 | *BDL (**DL 0.02) | µg/m ³ | 1 |
| 10 | Arsenic (as As) | VTL/STP/02/STP/09 | *BDL (**DL 0.5) | ng/m ³ | 6 |
| 11 | Nickel (as Ni) | IS 5182 (P-26) : 2020 | *BDL (**DL 5.0) | ng/m ³ | 20 |
| 12 | Benzo (alpha) Pyrene-Particulate Phase Only | IS:5182 (P-12):2004, RA,2019 | *BDL (**DL 0.2) | ng/m ³ | 1 |
| 13 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 210 | µg/m ³ | -- |



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TEST REPORT

Sample Number : VTL/AA/01

Report No. : VTL/A/2603190005/A

*BDL-Below Detection Limit, **DL-Detection Limit

End of Report



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Page No. 2/2

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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AA/06

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No.:- 631/05), Near Tiranga Hill, Village- Pur, Tehsil & District- Bhiwara Rajasthan

Report No. : VTL/A/2603190006/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Pur Village
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°19'28" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/03/2026 To 15/03/2026
Time of Monitoring : 08:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 36°C
Surrounding Activity : Human, Vehicular & Plant Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---|--|------------------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 64.38 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 32.20 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 17.88 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 10.42 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 method (NDIR) | 0.80 | mg/m ³ | 4 |
| 6 | Benzene (as C6H6) | IS 5182 (P-11)-2006 RA 2022 | *BDL (**DL 1.0) | µg/m ³ | 5 |
| 7 | Ammonia (as NH3) | IS 5182 (P-25)-2018 | 11.72 | µg/m ³ | 400 |
| 8 | Ozone (as O3) | IS 5182 (P-9):1974, RA.2019 | 9.04 | µg/m ³ | 180 |
| 9 | Lead (as Pb) | IS 5182 (P-22) : 2004, RA.2019 | *BDL (**DL 0.02) | µg/m ³ | 1 |
| 10 | Arsenic (as As) | VTL/STP/02/STP/09 | *BDL (**DL 0.5) | ng/m ³ | 6 |
| 11 | Nickel (as Ni) | IS 5182 (P-26) : 2020 | *BDL (**DL 5.0) | ng/m ³ | 20 |
| 12 | Benzo (alpha) Pyrene-Particulate Phase Only | IS:5182 (P-12):2004, RA.2019 | *BDL (**DL 0.2) | ng/m ³ | 1 |
| 13 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 268 | µg/m ³ | -- |



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AA/06

Report No. : VTL/A/2603190006/A

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TEST REPORT

VIBRANT
Sample Number : VTL/A/07

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhiwara Rajasthan

Report No. : VTL/A/2603190007/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Kanoli Village
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°19'28" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/03/2026 To 15/03/2026
Time of Monitoring : 08:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 36°C
Surrounding Activity : Human, Vehicular & Plant Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---|--|------------------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 66.72 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 27.12 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 16.05 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 12.70 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA, 2019 method (NDIR) | 0.74 | mg/m ³ | 4 |
| 6 | Benzene (as C6H6) | IS 5182 (P-11)-2006 RA 2022 | *BDL (**DL 1.0) | µg/m ³ | 5 |
| 7 | Ammonia (as NH3) | IS 5182 (P-25)-2018 | 14.75 | µg/m ³ | 400 |
| 8 | Ozone (as O3) | IS 5182 (P-9):1974, RA.2019 | 12.43 | µg/m ³ | 180 |
| 9 | Lead (as Pb) | IS 5182 (P-22) : 2004, RA 2019 | *BDL (**DL 0.02) | µg/m ³ | 1 |
| 10 | Arsenic (as As) | VTL/STP/02/STP/09 | *BDL (**DL 0.5) | ng/m ³ | 6 |
| 11 | Nickel (as Ni) | IS 5182 (P-26) : 2020 | *BDL (**DL 5.0) | ng/m ³ | 20 |
| 12 | Benzo (alpha) Pyrene-Particulate Phase Only | IS:5182 (P-12):2004, RA.2019 | *BDL (**DL 0.2) | ng/m ³ | 1 |
| 13 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 260 | µg/m ³ | -- |



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Sample Number : VTL/AA/07

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Report No. : VTL/A/2603190007/A

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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AA/08

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2603190008/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Lake View Lawn
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/04
Coordinates : 25°19'28" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/03/2026 To 15/03/2026
Time of Monitoring : 08:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 36°C
Surrounding Activity : Human, Vehicular & Plant Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---|--|------------------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 63.57 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 33.05 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 20.17 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 ; 2023 | 13.29 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 method (NDIR) | 0.84 | mg/m ³ | 4 |
| 6 | Benzene (as C6H6) | IS 5182 (P-11)-2006 RA 2022 | *BDL (**DL 1.0) | µg/m ³ | 5 |
| 7 | Ammonia (as NH3) | IS 5182 (P-25)-2018 | 16.36 | µg/m ³ | 400 |
| 8 | Ozone (as O3) | IS 5182 (P-9):1974, RA.2019 | 10.88 | µg/m ³ | 180 |
| 9 | Lead (as Pb) | IS 5182 (P-22) : 2004, RA.2019 | *BDL (**DL 0.02) | µg/m ³ | 1 |
| 10 | Arsenic (as As) | VTL/STP/02/STP/09 | *BDL (**DL 0.5) | ng/m ³ | 6 |
| 11 | Nickel (as Ni) | IS 5182 (P-26) : 2020 | *BDL (**DL 5.0) | ng/m ³ | 20 |
| 12 | Benzo (alpha) Pyrene-Particulate Phase Only | IS:5182 (P-12):2004, RA.2019 | *BDL (**DL 0.2) | ng/m ³ | 1 |
| 13 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 210 | µg/m ³ | -- |



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VIBRANT

Sample Number : VTL/AA/08

*BDL-Below Detection Limit, **DL:-Detection Limit



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AA/09

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2603190009/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Gandhisagar Park
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°19'28" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/03/2026 To 16/03/2026
Time of Monitoring : 08:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 36°C
Surrounding Activity : Human, Vehicular & Plant Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---|--|------------------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 68.70 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 32.5 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 21.70 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 14.98 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 method (NDIR) | 1.01 | mg/m ³ | 4 |
| 6 | Benzene (as C6H6) | IS 5182 (P-11)-2006 RA 2022 | *BDL (**DL 1.0) | µg/m ³ | 5 |
| 7 | Ammonia (as NH3) | IS 5182 (P-25)-2018 | 17.17 | µg/m ³ | 400 |
| 8 | Ozone (as O3) | IS 5182 (P-9):1974, RA.2019 | 9.61 | µg/m ³ | 160 |
| 9 | Lead (as Pb) | IS 5182 (P-22) : 2004, RA.2019 | *BDL (**DL 0.02) | µg/m ³ | 1 |
| 10 | Arsenic (as As) | VTL/STP/02/STP/09 | *BDL (**DL 0.5) | ng/m ³ | 6 |
| 11 | Nickel (as Ni) | IS 5182 (P-26) : 2020 | *BDL (**DL 5.0) | ng/m ³ | 20 |
| 12 | Benzo (alpha) Pyrene-Particulate Phase Only | IS:5182 (P-12):2004, RA.2019 | *BDL (**DL 0.2) | ng/m ³ | 1 |
| 13 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 353 | µg/m ³ | -- |



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VIBRANT

Sample Number : VTL/AA/09

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Report No. : VTL/A/2603190009/A

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VIBRANT

Sample Number : VTL/AA/10



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TEST REPORT

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No. :- 631/05), Near Tiranga Hill, Village- Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2603190010/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Temple Area
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°19'28" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/03/2026 To 16/03/2026
Time of Monitoring : 08:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 36°C
Surrounding Activity : Human, Vehicular & Plant Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---|--|------------------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 60.8 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 28.1 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 24.45 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 15.87 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 method (NDIR) | 0.79 | mg/m ³ | 4 |
| 6 | Benzene (as C6H6) | IS 5182 (P-11)-2006 RA 2022 | *BDL (**DL 1.0) | µg/m ³ | 5 |
| 7 | Ammonia (as NH3) | IS 5182 (P-25)-2018 | 9.49 | µg/m ³ | 400 |
| 8 | Ozone (as O3) | IS 5182 (P-9):1974, RA.2019 | 8.84 | µg/m ³ | 180 |
| 9 | Lead (as Pb) | IS 5182 (P-22) : 2004, RA.2019 | *BDL (**DL 0.02) | µg/m ³ | 1 |
| 10 | Arsenic (as As) | VTL/STP/02/STP/09 | *BDL (**DL 0.5) | ng/m ³ | 6 |
| 11 | Nickel (as Ni) | IS 5182 (P-26) : 2020 | *BDL (**DL 5.0) | ng/m ³ | 20 |
| 12 | Benzo (alpha) Pyrene-Particulate Phase Only | IS:5182 (P-12):2004, RA.2019 | *BDL (**DL 0.2) | ng/m ³ | 1 |
| 13 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 306 | µg/m ³ | -- |



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VIBRANT

Sample Number : VTL/AA/10

*BDL-Below Detection Limit, **DL:-Detection Limit



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Report No. : VTL/A/2603190010/A

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TEST REPORT

TC-16019

Sample Number : VTL/S/03

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/S/2603190006/A

Format No : 7.8 F-03

Party Reference No : NIL

Report Date : 23/03/2026

Period of Analysis : 19/03/2026-23/03/2026

Receipt Date : 19/03/2026

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : DG Set 1010 KVA
Sample Collected By : VTL Team
Date of Sampling : 16/03/2026
Sampling duration (Minutes) : 34 min. (16:00 to 16:34 hrs.)
Stack attached to : DG Set
Make of stack : SS
Diameter of stack(m) : 225 MM
Height of stack(m) : 20.0 M
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 32°C
Temperature of Stack Gases - Ts (°C) : 185°C
Velocity of Stack Gases (m/sec.) : 10.64
Flow rate of PM (LPM) : 29
Flow rate of Gas (LPM) : 2.0
Sampling condition : OK
Protocol used : IS 11255 & USEPA
Coordinates : 25°19'9" & 74°32'20"

| S.No. | Parameters | Test Method | Results | Units | Limits |
|-------|--------------------------|---------------------------------|---------|--------|--------|
| 1 | Particulate Matter (PM) | IS: 11255 (P-1) : 1985, RA 2019 | 54.02 | mg/Nm3 | 75 |
| 2 | Sulphur Dioxide (SO2) | IS: 11255(P- 2): 1985, RA.2019 | 14.86 | mg/Nm3 | -- |
| 3 | Oxide of Nitrogen (NOX)) | IS 11255 (P- 7) 2005; RA 2017 | 102 | mg/Nm3 | 710 |
| 4 | Total Hydrocarbon (HC) | USEPA 18: 1996 | 33.50 | mg/Nm3 | -- |
| 5 | Carbon Monoxide (CO) | USEPA 10: 1996 | 30.42 | mg/Nm3 | 150 |

End of Report



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/FD/01

Report No. : VTL/FD/2603190001/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 27/03/2026
Period of Analysis : 19/03/2026-27/03/2026
Receipt Date : 19/03/2026

M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: 631/05), Near Tiranga Hill, Village-

Name & Address of the Party : Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Raw Material Storage Yard (Nr. Weigh Bridge)
Sample Collected By : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/01
Coordinates : 25°19'10" & 74°32'5"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/03/2026
Time of Monitoring : 10:00 TO 18:00 Hrs.
Ambient Temperature (°C) : Min. 23°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Method of Sampling : Lab STP: VTL/STP/02
Sampling Duration : 8 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Methods | Results | Units |
|-------|---------------------------------------|-------------------|---------|-------|
| 1 | Suspended Particulate Matter (as SPM) | VTL/STP/02/STP-01 | 365 | µg/m3 |

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TEST REPORT

VIBRANT

Sample Number : VTL/FD/02

TC-16019

M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: - 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/FD/2603190002/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 27/03/2026
Period of Analysis : 19/03/2026-27/03/2026
Receipt Date : 19/03/2026

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Haul Road Nr. Gate No.5
Sample Collected By : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/02
Coordinates : 25°20'2" & 74°32'42"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/03/2026
Time of Monitoring : 10:30 TO 18:30 Hrs.
Ambient Temperature (°C) : Min. 23°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Method of Sampling : Lab STP: VTL/STP/02
Sampling Duration : 8 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Methods | Results | Units |
|-------|---------------------------------------|-------------------|---------|-------------------|
| 1 | Suspended Particulate Matter (as SPM) | VTL/STP/02/STP-01 | 480 | µg/m ³ |

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VIBRANT

Sample Number : VTL/FD/03



TC-16019

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TEST REPORT

Report No. : VTL/FD/2603190003/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 27/03/2026
Period of Analysis : 19/03/2026-27/03/2026
Receipt Date : 19/03/2026

M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: - 631/05), Near Tiranga Hill, Village-
Name & Address of the Party : Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Crusher Unit Nr. Centre Work Shop
Sample Collected By : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/01
Coordinates : 25°19'1" & 74°32'3"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/03/2026
Time of Monitoring : 10:00 TO 18:00 Hrs.
Ambient Temperature (°C) : Min. 23°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Method of Sampling : Lab STP: VTL/STP/02
Sampling Duration : 8 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Methods | Results | Units |
|-------|---------------------------------------|-------------------|---------|-------|
| 1 | Suspended Particulate Matter (as SPM) | VTL/STP/02/STP-01 | 469 | µg/m3 |

End of Report



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/FD/04

Report No. : VTL/FD/2603190004/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 27/03/2026

Period of Analysis : 19/03/2026-27/03/2026

Receipt Date : 19/03/2026

Name & Address of the Party : Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Screening Area- Crusher
 Sample Collected By : VTL Team
 Sampling Equipment used : HVS
 Instrument Code : VTL/HVS/02
 Coordinates : 25°19'10" & 74°32'11"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 15/03/2026
 Time of Monitoring : 09:00 TO 17:00 Hrs.
 Ambient Temperature (°C) : Min. 23°C Max. 36°C
 Surrounding Activity : Human, Vehicular & Other Act.
 Method of Sampling : Lab STP: VTL/STP/02
 Sampling Duration : 8 Hrs.
 Parameter Required : As per work order

| S.No. | Parameters | Test Methods | Results | Units |
|-------|---------------------------------------|-------------------|---------|-------------------|
| 1 | Suspended Particulate Matter (as SPM) | VTL/STP/02/STP-01 | 535 | µg/m ³ |

End of Report



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VIBRANT

Sample Number : VTL/FD/05



TC-16019

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TEST REPORT

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No.:- 631/05), Near Tiranga Hill, Village- Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/FD/2603190005/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 27/03/2026
Period of Analysis : 19/03/2026-27/03/2026
Receipt Date : 19/03/2026

Sample Description : Fugitive Dust Emission Monitoring

General Information :-

Sampling Location : Waste Dump Storage
Sample Collected By : VTL Team
Sampling Equipment used : HVS
Instrument Code : VTL/HVS/01
Coordinates : --
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/03/2026
Time of Monitoring : 10:00 TO 18:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 34°C
Surrounding Activity : Human, Vehicular & Other Act.
Method of Sampling : Lab STP: VTL/STP/02
Sampling Duration : 8 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Methods | Results | Units |
|-------|---------------------------------------|-------------------|---------|-------|
| 1 | Suspended Particulate Matter (as SPM) | VTL/STP/02/STP-01 | 453 | µg/m3 |

End of Report



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TEST REPORT

ULR No. : TC160192600000485F
 Report No. : VTLW/2603190001/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 16/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 Coordinates : 25°24'7" & 74°35'42"

VIBRANT

TC-16019

Sample Number : VTL/GW/01

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Dhulkhera Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.32 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-6): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 555 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 121 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 434 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 304.9 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 61 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1402 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 150 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.98 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 13.4 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.49 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

VIBRANT

TC-16019

ULR No. : TC1601926000000485F

Report No. : VTLW/2603190001/A

Sample Number : VTL/GW/01

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.65 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 301 | mg/L | -- | -- |



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TEST REPORT

ULR No. : TC1601926000000485F
Report No. : VTLW/2603190001/A

VIBRANT

TC-16019

Sample Number : VTL/GW/01

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/GW/01

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Dhulkhera Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2603190001/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°24'7" & 74°35'42"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit, **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/GW/02

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Suras Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC160192600000486F

Report No. : VTLW/2603190002/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°23'16" & 74°33'40"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.35 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 404 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 80 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 320 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 204 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 49 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1062 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 88 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.89 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 23.1 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.29 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

VIBRANT

TC-16019

ULR No. : TC1601926000000486F

Report No. : VTLW/2603190002/A

Sample Number : VTL/GW/02

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.55 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 199 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/02

*BDL:- Below Detection Limit , **DL:- Detection Limit



TC-16019

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TEST REPORT

ULR No. : TC1601926000000486F
Report No. : VTLW/2603190002/A

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/02

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Suras Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2603190002/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°23'16" & 74°33'40"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/GW/03

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

ULR No. : TC1601926000000487F

Report No. : VTL/W/2603190003/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°23'16" & 74°33'40"

Sample Description : Water Sample
Sampling Location : Pur Village
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.20 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 353 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 80 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 320 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 249 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 37 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 902 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 88.5 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.98 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 32 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.39 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

VIBRANT
Sample Number : VTL/GW/03

TC-16019

ULR No. : TC160192600000487F
Report No. : VTLW/2603190003/A

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.61 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 199 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/03

*BDL:- Below Detection Limit , **DL:- Detection Limit



TC-16019

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TEST REPORT

ULR No. : TC1601926000000487F
Report No. : VTLW/2603190003/A

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/03

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05),Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Pur Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2603190003/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°23'16" & 74°33'40"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition,5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

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TEST REPORT

VIBRANT

TC-16019

ULR No. : TC160192600000488F
 Report No. : VTLW/2603190004/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 16/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 Coordinates : 25°21'2" & 74°32'50"

Sample Number : VTL/GW/04

Name & Address of the Party : M/S Jindal Saw Ltd.
 Dhedwas Iron Ore Mines & Mineral Beneficiation
 Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
 Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample
 Sampling Location : Samodi Village
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|---|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.12 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO ₃) | IS: 3025 (P-21): 2009, RA 2019 | 191 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 68.8 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO ₃) | IS: 3025 (P-23): 2023 | 155 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 264 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 5.1 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 446 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO ₄) | IS: 3025 (P-24): Sec 1 : 2022 | 79 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.93 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO ₃) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 34 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.40 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

ULR No. : TC160192600000488F
Report No. : VTLW/2603190004/A

VIBRANT

TC-16019

Sample Number : VTL/GW/04

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.61 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 171 | mg/L | -- | -- |



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Lab Incharge
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VIBRANT

Sample Number : VTL/GW/04

*BDL:- Below Detection Limit , **DL:- Detection Limit



TC-16019

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TEST REPORT

ULR No. : TC160192500000488F
Report No. : VTL/W/2603190004/A

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/GW/04

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhillwara Rajasthan

Sample Description : Water Sample

Sampling Location : Samodi Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2603190004/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°21'2" & 74°32'50"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit, **DL:- Detection Limit

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TEST REPORT

ULR No. : TC160192600000489F
 Report No. : VTLW/2603190005/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 16/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 Coordinates : 25°20'11" & 74°38'57"

VIBRANT

Sample Number : VTL/GW/05

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Gandhisagar Park

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|---|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.14 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 606 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 161 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 455 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 354 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 49 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1521 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 177 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.94 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 33.4 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.32 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

VIBRANT

Sample Number : VTL/GW/05

TC-16019

ULR No. : TC1601926000000489F

Report No. : VTL/W/2603190005/A

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.58 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 401 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/05

*BDL:- Below Detection Limit , **DL:- Detection Limit



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TEST REPORT

ULR No. : TC1601926000000489F

Report No. : VTL/W/2603190005/A

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/05

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Gandhisagar Park

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2603190005/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°20'11" & 74°38'57"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit, **DL:- Detection Limit

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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/GW/06

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Kanoli Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC160192600000490F

Report No. : VTL/W/2603190006/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°16'12" & 74°36'10"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.10 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 555 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 141 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 548 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 324 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 49.3 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1421 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 159 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.79 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 30.3 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.36 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

VIBRANT

TC-16019

ULR No. : TC160192600000490F

Report No. : VTL/W/2603190006/A

Sample Number : VTL/GW/06

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.52 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 351 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/06

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TEST REPORT

ULR No. : TC160192600000490F

Report No. : VTLW/2603190006/A

End of Report



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RK Yadav
Lab Incharge
Authorized Signatory



Page No. 3/3

Corporate & Registered Office:

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/06

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Kanoli Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2603190006/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 25/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°16'12" & 74°36'10"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/GW/07

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Dariba Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC160192600000491F

Report No. : VTL/W/2603190007/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°20'26" & 74°31'37"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.12 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 454 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 119 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 465 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 269 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 38 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1321 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 123 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.84 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 36.5 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.40 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL(**DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL(**DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

VIBRANT

Sample Number : VTL/GW/07

TC-16019

ULR No. : TC160192600000491F

Report No. : VTLW/2603190007/A

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.65 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 296 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/07

*BDL:- Below Detection Limit , **DL:- Detection Limit



TC-16019

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TEST REPORT

ULR No. : TC1601926000000491F

Report No. : VTLW/2603190007/A

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTUGW/07

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Dariba Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2603190007/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°20'26" & 74°31'37"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/8630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-5630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit, **DL:- Detection Limit

End of Report



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TEST REPORT

ULR No. : TC160192600000492F
 Report No. : VTL/W/2603190008/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 16/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : 25°19'06" & 74°32'16"

VIBRANT

Sample Number : VTL/GW/08

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample
 Sampling Location : BFN Plant- Ground Water
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.20 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 404 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 101 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 362 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 139 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 36 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1104 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 61.9 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.99 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 31 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.30 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

VIBRANT

TC-16019

ULR No. : TC1601926000000492F

Report No. : VTL/W/2603190008/A

Sample Number : VTL/GW/08

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.54 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 251 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/08

*BDL:- Below Detection Limit , **DL:- Detection Limit



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TEST REPORT

ULR No. : TC1601926000000492F

Report No. : VTLW/2603190008/A

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/08

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : BFN Plant- Ground Water

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2603190008/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°19'06" & 74°32'16"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/SW/17

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : Tiranga Pit

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC1601926000000501F

Report No. : VTL/W/2603190017/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 17/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°19'10" & 74°31'47"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------|---|-------------------|-----------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.35 | -- |
| 2 | Turbidity | IS : 3025 (P- 10) : 2023 | *BDL(**DL-1.0) | NTU |
| 3 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 1193 | mg/L |
| 4 | Chloride (as Cl) | IS: 3025 (P-32) : 1988, RA 2019 | 349 | mg/L |
| 5 | Sulphate as (SO4) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 115 | mg/L |
| 6 | Total Alkalinity (as CaCO3) | IS: 3025 (P- 23) : 2023 | 113 | mg/L |
| 7 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | *BDL(**DL-5.0) | mg/L |
| 8 | Total Hardness (CaCO3) | IS: 3025 (P- 21) : 2009, RA 2019 | 454 | mg/L |
| 9 | Calcium (as Ca) | IS : 3025 (P-40) : 2024 | 129 | mg/L |
| 10 | Magnesium (as Mg) | IS : 3025 (P- 46) : 2023 | 31 | mg/L |
| 11 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.98 | mg/L |
| 12 | Nitrate (as NO3) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 5.45 | mg/L |
| 13 | Potassium (as K) | APHA 24th Edition, 3500-K: 2023 | 12.17 | mg/L |
| 14 | Total Coliform | IS 15185: 2016 RA 2021 | Presnt | cfu/100ml |
| 15 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.33 | mg/L |
| 16 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.50 | mg/L |
| 17 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |
| 18 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L |
| 19 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L |
| 20 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 21 | E Coli | IS :15185 : 2016 RA 2021 | Present | cfu/100ml |
| 22 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL(**DL- 0.2) | mg/L |
| 23 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |



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RK Yadav
Lab Incharge
Authorized Signatory



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TEST REPORT

ULR No. : TC1601926000000501F
Report No. : VTL/W/2603190017/A

VIBRANT
Sample Number : VTL/SW/17

TC-16019

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|--------------------|--------------------------------|-------------------|------|
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 25 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 26 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 27 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 28 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.01) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/SW/17

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhiwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : Tiranga Pit

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2603190017/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 17/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°19'10" & 74°31'47"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|--|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- |
| 3 | Taste | IS : 3025 (P-8) : 2023 | Un Agreeable | -- |
| 4 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | *BDL(**DL- 0.2) | mg/L |
| 5 | Phosphate (as PO ₄) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | 0.64 | mg/L |
| 6 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 7 | Aluminium (as Al) | IS : 3025 : (P-55) 2003, RA 2019 | *BDL(**DL- 0.03) | mg/L |
| 8 | Total Pesticides | USEPA 8081 B & 8141B 2007 Rev.-2 | *BDL(**DL- 0.01) | µg/L |
| 9 | Calcium Hardness (as CaCO ₃) | IS: 3025 (P-40) : 2024 | 321 | mg/L |
| 10 | Anionic Detergents (MBAS) | IS 3025 : P 68 : 2019 | *BDL(**DL- 0.05) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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TEST REPORT

ULR No. : TC1601926000000502F
 Report No. : VTLW/2603190018/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 17/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 Coordinates : 25°23'47" & 74°34'41"

VIBRANT

Sample Number : VTL/SW/18

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
 Dhedwas Iron Ore Mines & Mineral Beneficiation
 Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
 Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER
 Sampling Location : Dhulkhera Pit
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------|---|-------------------|-----------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.28 | -- |
| 2 | Turbidity | IS : 3025 (P- 10) : 2023 | *BDL(**DL-1.0) | NTU |
| 3 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 1415 | mg/L |
| 4 | Chloride (as Cl) | IS: 3025 (P-32) : 1988, RA 2019 | 324 | mg/L |
| 5 | Sulphate as (SO4) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 142 | mg/L |
| 6 | Total Alkalinity (as CaCO3) | IS: 3025 (P- 23) : 2023 | 434 | mg/L |
| 7 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | *BDL(**DL-5.0) | mg/L |
| 8 | Total Hardness (CaCO3) | IS: 3025 (P- 21) : 2009, RA 2019 | 464 | mg/L |
| 9 | Calcium (as Ca) | IS : 3025 (P-40) : 2024 | 125 | mg/L |
| 10 | Magnesium (as Mg) | IS : 3025 (P- 46) : 2023 | 35 | mg/L |
| 11 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.98 | mg/L |
| 12 | Nitrate (as NO3) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 5.9 | mg/L |
| 13 | Potassium (as K) | APHA 24th Edition, 3500-K: 2023 | 8.15 | mg/L |
| 14 | Total Coliform | IS 15185: 2016 RA 2021 | Presnt | cfu/100ml |
| 15 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.35 | mg/L |
| 16 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.51 | mg/L |
| 17 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |
| 18 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L |
| 19 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L |
| 20 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 21 | E Coli | IS :15185 : 2016 RA 2021 | Present | cfu/100ml |
| 22 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL(**DL- 0.2) | mg/L |
| 23 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |



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VIBRANT

Sample Number : VTL/SW/18



TC-16019

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TEST REPORT

ULR No. : TC1601926000000502F

Report No. : VTL/W/2603190018/A

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|--------------------|--------------------------------|-------------------|------|
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 25 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 26 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 27 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 28 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.01) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/SW/18

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER
Sampling Location : Dhulkhera Pit
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTLW/2603190018/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 17/03/2026
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°23'47" & 74°34'41"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|--|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- |
| 3 | Taste | IS : 3025 (P-8) : 2023 | Un Agreeable | -- |
| 4 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | *BDL(**DL- 0.2) | mg/L |
| 5 | Phosphate (as PO ₄) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | 0.67 | mg/L |
| 6 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 7 | Aluminium (as Al) | IS : 3025 : (P-55) 2003, RA 2019 | *BDL(**DL- 0.03) | mg/L |
| 8 | Total Pesticides | USEPA 8081 B & 8141B 2007 Rev.-2 | *BDL(**DL- 0.01) | µg/L |
| 9 | Calcium Hardness (as CaCO ₃) | IS: 3025 (P-40) : 2024 | 311 | mg/L |
| 10 | Anionic Detergents (MBAS) | IS 3025 : P 68 : 2019 | *BDL(**DL- 0.05) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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TEST REPORT

ULR No. : TC1601926000000503F
 Report No. : VTLW/2603190019/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 17/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 Coordinates : 25°23'30" & 74°34'07"

VIBRANT

Sample Number : VTL/SW/19

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
 Dhedwas Iron Ore Mines & Mineral Beneficiation
 Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
 Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER
 Sampling Location : Suras Pit
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------|---|-------------------|-----------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.14 | -- |
| 2 | Turbidity | IS : 3025 (P- 10) : 2023 | *BDL(**DL-1.0) | NTU |
| 3 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 1315 | mg/L |
| 4 | Chloride (as Cl) | IS: 3025 (P-32) : 1988, RA 2019 | 274 | mg/L |
| 5 | Sulphate as (SO4) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 70 | mg/L |
| 6 | Total Alkalinity (as CaCO3) | IS: 3025 (P- 23) : 2023 | 419 | mg/L |
| 7 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | *BDL(**DL-5.0) | mg/L |
| 8 | Total Hardness (CaCO3) | IS: 3025 (P- 21) : 2009, RA 2019 | 383 | mg/L |
| 9 | Calcium (as Ca) | IS : 3025 (P-40) : 2024 | 93 | mg/L |
| 10 | Magnesium (as Mg) | IS : 3025 (P- 46) : 2023 | 36.41 | mg/L |
| 11 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.97 | mg/L |
| 12 | Nitrate (as NO3) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 11.79 | mg/L |
| 13 | Potassium (as K) | APHA 24th Edition, 3500-K: 2023 | 7.42 | mg/L |
| 14 | Total Coliform | IS 15185: 2016 RA 2021 | Presnt | cfu/100ml |
| 15 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.42 | mg/L |
| 16 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.42 | mg/L |
| 17 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |
| 18 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L |
| 19 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L |
| 20 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 21 | E Coli | IS :15185 : 2016 RA 2021 | Present | cfu/100ml |
| 22 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL(**DL- 0.2) | mg/L |
| 23 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |



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TEST REPORT

VIBRANT

TC-16019

ULR No. : TC1601926000000503F

Report No. : VTL/W/2603190019/A

Sample Number : VTL/SW/19

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|--------------------|--------------------------------|-------------------|------|
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 25 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 26 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 27 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 28 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.01) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/SW/19

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : Suras Pit

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2603190019/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 17/03/2026

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°23'30" & 74°34'07"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|--|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- |
| 3 | Taste | IS : 3025 (P-8) : 2023 | Un Agreeable | -- |
| 4 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | *BDL(**DL- 0.2) | mg/L |
| 5 | Phosphate (as PO ₄) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | 0.73 | mg/L |
| 6 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 7 | Aluminium (as Al) | IS : 3025 : (P-55) 2003, RA 2019 | *BDL(**DL- 0.03) | mg/L |
| 8 | Total Pesticides | USEPA 8081 B & 8141B 2007 Rev.-2 | *BDL(**DL- 0.01) | µg/L |
| 9 | Calcium Hardness (as CaCO ₃) | IS: 3025 (P-40) : 2024 | 232 | mg/L |
| 10 | Anionic Detergents (MBAS) | IS 3025 : P 68 : 2019 | *BDL(**DL- 0.05) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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TEST REPORT

VIBRANT
Sample Number : VTL/SW/20

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER
Sampling Location : Kothari River
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC1601926000000504F
Report No. : VTL/W/2603190020/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 17/03/2026
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : 25°23'49" & 74°33'16"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------|---|-------------------|-----------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.32 | -- |
| 2 | Turbidity | IS : 3025 (P- 10) : 2023 | *BDL(**DL-1.0) | NTU |
| 3 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 548 | mg/L |
| 4 | Chloride (as Cl) | IS: 3025 (P-32) : 1988, RA 2019 | 119 | mg/L |
| 5 | Sulphate as (SO4) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 35.40 | mg/L |
| 6 | Total Alkalinity (as CaCO3) | IS: 3025 (P- 23) : 2023 | 207 | mg/L |
| 7 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | *BDL(**DL-5.0) | mg/L |
| 8 | Total Hardness (CaCO3) | IS: 3025 (P- 21) : 2009, RA 2019 | 212 | mg/L |
| 9 | Calcium (as Ca) | IS : 3025 (P-40) : 2024 | 72 | mg/L |
| 10 | Magnesium (as Mg) | IS : 3025 (P- 46) : 2023 | 7.59 | mg/L |
| 11 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.97 | mg/L |
| 12 | Nitrate (as NO3) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 17.66 | mg/L |
| 13 | Potassium (as K) | APHA 24th Edition, 3500-K: 2023 | 4.31 | mg/L |
| 14 | Total Coliform | IS 15185: 2016 RA 2021 | Presnt | cfu/100ml |
| 15 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.40 | mg/L |
| 16 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.48 | mg/L |
| 17 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |
| 18 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L |
| 19 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L |
| 20 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 21 | E Coli | IS :15185 : 2016 RA 2021 | Present | cfu/100ml |
| 22 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL(**DL- 0.2) | mg/L |
| 23 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |



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VIBRANT

Sample Number : VTL/SW/20



TC-16019

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TEST REPORT

ULR No. : TC1601926000000504F

Report No. : VTL/W/2603190020/A

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|--------------------|--------------------------------|-------------------|------|
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 25 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 26 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 27 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 28 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.01) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/SW/20

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: - 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/W/2603190020/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 17/03/2026
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°23'49" & 74°33'16"

Sample Description : SURFACE WATER
Sampling Location : Kothari River
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- |
| 3 | Taste | IS : 3025 (P-8) : 2023 | Un Agreeable | -- |
| 4 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | *BDL(**DL- 0.2) | mg/L |
| 5 | Phosphate (as PO4) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | 4.45 | mg/L |
| 6 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 7 | Aluminium (as Al) | IS : 3025 : (P-55) 2003, RA 2019 | *BDL(**DL- 0.03) | mg/L |
| 8 | Total Pesticides | USEPA 8081 B & 8141B 2007 Rev.-2 | *BDL(**DL- 0.01) | µg/L |
| 9 | Calcium Hardness (as CaCO3) | IS: 3025 (P-40) : 2024 | 179 | mg/L |
| 10 | Anionic Detergents (MBAS) | IS 3025 : P 68 : 2019 | *BDL(**DL- 0.05) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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TEST REPORT

VIBRANT
Sample Number : VTL/SW/21

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

ULR No. : TC1601926000000505F
Report No. : VTL/W/2603190021/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 17/03/2026
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°24'18" & 74°33'3"

Sample Description : SURFACE WATER
Sampling Location : Meja Dam
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------|---|-------------------|-----------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.32 | -- |
| 2 | Turbidity | IS : 3025 (P- 10) : 2023 | *BDL(**DL-1.0) | NTU |
| 3 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 448 | mg/L |
| 4 | Chloride (as Cl) | IS: 3025 (P-32) : 1988, RA 2019 | 69 | mg/L |
| 5 | Sulphate as (SO4) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 26.5 | mg/L |
| 6 | Total Alkalinity (as CaCO3) | IS: 3025 (P- 23) : 2023 | 155 | mg/L |
| 7 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | *BDL(**DL-5.0) | mg/L |
| 8 | Total Hardness (CaCO3) | IS: 3025 (P- 21) : 2009, RA 2019 | 164 | mg/L |
| 9 | Calcium (as Ca) | IS : 3025 (P-40) : 2024 | 56 | mg/L |
| 10 | Magnesium (as Mg) | IS : 3025 (P- 46) : 2023 | 5.6 | mg/L |
| 11 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.96 | mg/L |
| 12 | Nitrate (as NO3) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 12.44 | mg/L |
| 13 | Potassium (as K) | APHA 24th Edition, 3500-K: 2023 | 4.41 | mg/L |
| 14 | Total Coliform | IS 15185: 2016 RA 2021 | Presnt | cfu/100ml |
| 15 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.35 | mg/L |
| 16 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.42 | mg/L |
| 17 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |
| 18 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L |
| 19 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L |
| 20 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 21 | E Coli | IS :15185 : 2016 RA 2021 | Present | cfu/100ml |
| 22 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL(**DL- 0.2) | mg/L |
| 23 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |



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TEST REPORT

ULR No. : TC1601926000000505F

Report No. : VTL/W/2603190021/A

VIBRANT

TC-16019

Sample Number : VTL/SW/21

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|--------------------|--------------------------------|-------------------|------|
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 25 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 26 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 27 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 28 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.01) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/SW/21

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : Meja Dam

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2603190021/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 17/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°24'18" & 74°33'3"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|--|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- |
| 3 | Taste | IS : 3025 (P-8) : 2023 | Un Agreeable | -- |
| 4 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | *BDL(**DL- 0.2) | mg/L |
| 5 | Phosphate (as PO ₄) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | 3.8 | mg/L |
| 6 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 7 | Aluminium (as Al) | IS : 3025 : (P-55) 2003, RA 2019 | *BDL(**DL- 0.03) | mg/L |
| 8 | Total Pesticides | USEPA 8081 B & 8141B 2007 Rev.-2 | *BDL(**DL- 0.01) | µg/L |
| 9 | Calcium Hardness (as CaCO ₃) | IS: 3025 (P-40) : 2024 | 139 | mg/L |
| 10 | Anionic Detergents (MBAS) | IS 3025 : P 68 : 2019 | *BDL(**DL- 0.05) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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RK Yadav

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TEST REPORT

ULR No. : TC1601926000000506F
 Report No. : VTLW/2603190022/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 17/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 Coordinates : 25°21'2" & 74°32'50"

VIBRANT

Sample Number : VTL/SW/22

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
 Dhedwas Iron Ore Mines & Mineral Beneficiation
 Plant (ML No.- 631/05), Near Tiranga Hill, Village-
 Pur, Tehsil & District- Bhiwara Rajasthan

Sample Description : SURFACE WATER
 Sampling Location : Samodi Pond
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------|---|-------------------|-----------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.13 | -- |
| 2 | Turbidity | IS : 3025 (P- 10) : 2023 | *BDL(**DL-1.0) | NTU |
| 3 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 549 | mg/L |
| 4 | Chloride (as Cl) | IS: 3025 (P-32) : 1988, RA 2019 | 129 | mg/L |
| 5 | Sulphate as (SO4) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 45 | mg/L |
| 6 | Total Alkalinity (as CaCO3) | IS: 3025 (P- 23) : 2023 | 248 | mg/L |
| 7 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | *BDL(**DL-5.0) | mg/L |
| 8 | Total Hardness (CaCO3) | IS: 3025 (P- 21) : 2009, RA 2019 | 262 | mg/L |
| 9 | Calcium (as Ca) | IS : 3025 (P-40) : 2024 | 68 | mg/L |
| 10 | Magnesium (as Mg) | IS : 3025 (P- 46) : 2023 | 21 | mg/L |
| 11 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.89 | mg/L |
| 12 | Nitrate (as NO3) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 9.97 | mg/L |
| 13 | Potassium (as K) | APHA 24th Edition, 3500-K: 2023 | 11.56 | mg/L |
| 14 | Total Coliform | IS 15185: 2016 RA 2021 | Presnt | cfu/100ml |
| 15 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.30 | mg/L |
| 16 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.35 | mg/L |
| 17 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |
| 18 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L |
| 19 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L |
| 20 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 21 | E Coli | IS :15185 : 2016 RA 2021 | Present | cfu/100ml |
| 22 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL(**DL- 0.2) | mg/L |
| 23 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L |



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VIBRANT

Sample Number : VTL/SW/22



TC-16019

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TEST REPORT

ULR No. : TC1601926000000506F

Report No. : VTL/W/2603190022/A

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|--------------------|--------------------------------|-------------------|------|
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 25 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 26 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 27 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 28 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.01) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



Checked by



RK Yadav

Lab Incharge

Authorized Signatory



Page No. 2/2

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TEST REPORT

VIBRANT

Sample Number : VTL/5W/22

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTLW/2603190022/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 17/03/2026
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°21'2" & 74°32'50"

Sample Description : SURFACE WATER
Sampling Location : Samodi Pond
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- |
| 3 | Taste | IS : 3025 (P-8) : 2023 | Un Agreeable | -- |
| 4 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | *BDL(**DL- 0.2) | mg/L |
| 5 | Phosphate (as PO4) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | 0.67 | mg/L |
| 6 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 7 | Aluminium (as Al) | IS : 3025 : (P-55) 2003, RA 2019 | *BDL(**DL- 0.03) | mg/L |
| 8 | Total Pesticides | USEPA 8081 B & 8141B 2007 Rev.-2 | *BDL(**DL- 0.01) | µg/L |
| 9 | Calcium Hardness (as CaCO3) | IS: 3025 (P-40) : 2024 | 171 | mg/L |
| 10 | Anionic Detergents (MBAS) | IS 3025 : P 68 : 2019 | *BDL(**DL- 0.05) | mg/L |

*BLQ Blow limit of Quantification **LOQ Limit of Quantification

End of Report



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Lab Incharge
Authorized Signatory

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Corporate & Registered Office:

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5. Retention period of sample will be 30 days only, any query beyond 30 days will not be entertained.



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TEST REPORT

ULR No. : TC160192600000480F
 Report No. : VTLW/2603190023/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 17/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 Coordinates : 25°21'2" & 74°32'50"

VIBRANT

Sample Number : VTLW/23

Name & Address of the Party : M/S Jindal Saw Ltd.
 Dhedwas Iron Ore Mines & Mineral Beneficiation
 Plant (ML No.: 631/05), Near Tiranga Hill, Village-
 Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER
 Sampling Location : Tailing Filter Recycling Water
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|---|---|-------------------|------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.25 | -- |
| 2 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 1031 | mg/L |
| 3 | Sulphate as (SO4) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 77 | mg/L |
| 4 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | 28 | mg/L |
| 5 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.75 | mg/L |
| 6 | Dissolved oxygen (DO) | IS : 3025 (P -38) : 1989, RA 2019 | 4.6 | mg/L |
| 7 | Biochemical Oxygen Demand (BOD) (3 days at 27°C) | IS: 3025 (P-44) : 2023 | 11 | mg/L |
| 8 | Chemical Oxygen Demand (COD) | IS : 3025 (P- 58) : 2023 | 30 | mg/L |
| 9 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.72 | mg/L |
| 10 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.2) | mg/L |
| 11 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.02) | mg/L |
| 12 | Ammonical Nitrogen (as NH3-N) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3) | 4.22 | mg/L |
| 13 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.05) | mg/L |
| 14 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.005) | mg/L |
| 15 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 16 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.02) | mg/L |
| 17 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 18 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 19 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 20 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 21 | Nitrate Nitrogen (as NO3) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 9.0 | mg/L |



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 Lab Incharge
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TC-16019

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TEST REPORT

ULR No. : TC1601926000000480F

Report No. : VTLW/2603190023/A

VIBRANT
Sample Number : VTLW/23

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|-----------------|--------------------------------|-----------------|------|
| 22 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.01) | mg/L |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTLW/23

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : Tailing Filter Recycling Water

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2603190023/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 17/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°21'2" & 74°32'50"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------------|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | 0.43 | mg/L |
| 3 | Phosphate (as PO ₄) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | *BDL(**DL- 0.2) | mg/L |
| 4 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 5 | Oil & Grease | IS : 3025 (P-39) 2021 | *BDL(**DL- 4.0) | mg/L |
| 6 | Total Kjeldhal Nitrogen (TKN) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 8.0) | 1.02 | mg/L |
| 7 | Free Ammonia (as NH ₃) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3) | *BLQ(**LOQ- 0.5) | mg/L |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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Lab Incharge

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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/W/24

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : Tailing Pond

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC160192600000481F

Report No. : VTL/W/2603190024/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 17/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°19'20" & 74°32'18"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|---|---|-------------------|------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.20 | -- |
| 2 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 851 | mg/L |
| 3 | Sulphate as (SO ₄) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 45 | mg/L |
| 4 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | 43 | mg/L |
| 5 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.55 | mg/L |
| 6 | Dissolved oxygen (DO) | IS : 3025 (P -38) : 1989, RA 2019 | 6 | mg/L |
| 7 | Biochemical Oxygen Demand (BOD) (3 days at 27°C) | IS: 3025 (P-44) : 2023 | 11 | mg/L |
| 8 | Chemical Oxygen Demand (COD) | IS : 3025 (P- 58) : 2023 | 25 | mg/L |
| 9 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.52 | mg/L |
| 10 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.2) | mg/L |
| 11 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.02) | mg/L |
| 12 | Ammonical Nitrogen (as NH ₃ -N) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3) | 1.96 | mg/L |
| 13 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.05) | mg/L |
| 14 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.005) | mg/L |
| 15 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 16 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.02) | mg/L |
| 17 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 18 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 19 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 20 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 21 | Nitrate Nitrogen (as NO ₃) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 7 | mg/L |



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TEST REPORT

VIBRANT
Sample Number : VTL/W/24

TC-16019

ULR No. : TC160192600000481F

Report No. : VTL/W/2603190024/A

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|-----------------|--------------------------------|-----------------|------|
| 22 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.01) | mg/L |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/W/24

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : Tailing Pond

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2603190024/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 17/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°19'20" & 74°32'18"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------------|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | 0.40 | mg/L |
| 3 | Phosphate (as PO ₄) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | *BDL(**DL- 0.2) | mg/L |
| 4 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 5 | Oil & Grease | IS : 3025 (P-39) 2021 | *BDL(**DL- 4.0) | mg/L |
| 6 | Total Kjeldhal Nitrogen (TKN) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 8.0) | 1.8 | mg/L |
| 7 | Free Ammonia (as NH ₃) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3) | *BLQ(**LOQ- 0.5) | mg/L |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT
Sample Number : VTL/W/25

TC-16019

ULR No. : TC160192600000482F
Report No. : VTL/W/2603190025/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 15/03/2026
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : 25°19'34" & 74°32'38"

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER
Sampling Location : STP Incoming / Reservoir Water
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|---|---|-------------------|------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.20 | -- |
| 2 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 1251 | mg/L |
| 3 | Sulphate as (SO4) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 52.21 | mg/L |
| 4 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | 43 | mg/L |
| 5 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.73 | mg/L |
| 6 | Dissolved oxygen (DO) | IS : 3025 (P -38) : 1989, RA 2019 | 5.9 | mg/L |
| 7 | Biochemical Oxygen Demand (BOD) (3 days at 27°C) | IS: 3025 (P-44) : 2023 | 12.5 | mg/L |
| 8 | Chemical Oxygen Demand (COD) | IS : 3025 (P- 58) : 2023 | 27 | mg/L |
| 9 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.48 | mg/L |
| 10 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.2) | mg/L |
| 11 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.02) | mg/L |
| 12 | Ammonical Nitrogen (as NH3-N) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3) | 1.96 | mg/L |
| 13 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.05) | mg/L |
| 14 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.005) | mg/L |
| 15 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 16 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.02) | mg/L |
| 17 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 18 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 19 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 20 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 21 | Nitrate Nitrogen (as NO3) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 5.0 | mg/L |



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Corporate & Registered Office:

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TEST REPORT

ULR No. : TC1601926000000482F

Report No. : VTL/W/2603190025/A

VIBRANT
Sample Number : VTL/W/25

TC-16019

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|-----------------|--------------------------------|-----------------|------|
| 22 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.01) | mg/L |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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Page No. 2/2

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TEST REPORT

VIBRANT

Sample Number : VTLW/25

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhillwara Rajasthan

Sample Description : SURFACE WATER
Sampling Location : STP Incoming / Reservoir Water
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTLW/2603190025/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 15/03/2026
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°19'34" & 74°32'38"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------------|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | 0.43 | mg/L |
| 3 | Phosphate (as PO ₄) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | *BDL(**DL- 0.2) | mg/L |
| 4 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 5 | Oil & Grease | IS : 3025 (P-39) 2021 | *BDL(**DL- 4.0) | mg/L |
| 6 | Total Kjeldhal Nitrogen (TKN) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 8.0) | 1.4 | mg/L |
| 7 | Free Ammonia (as NH ₃) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3) | *BLQ(**LOQ- 0.5) | mg/L |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



Checked by



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TEST REPORT

VIBRANT

Sample Number : VTLW/26

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhiwara Rajasthan

ULR No. : TC160192600000483F
Report No. : VTLW/2603190026/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 15/03/2026
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°18'58" & 74°32'24"

Sample Description : SURFACE WATER
Sampling Location : Silt Arresting Tank
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|---|---|-------------------|------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.12 | -- |
| 2 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 751 | mg/L |
| 3 | Sulphate as (SO4) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 45 | mg/L |
| 4 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | 10 | mg/L |
| 5 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.86 | mg/L |
| 6 | Dissolved oxygen (DO) | IS : 3025 (P -38) : 1989, RA 2019 | 8.8 | mg/L |
| 7 | Biochemical Oxygen Demand (BOD) (3 days at 27°C) | IS: 3025 (P-44) : 2023 | 11 | mg/L |
| 8 | Chemical Oxygen Demand (COD) | IS : 3025 (P- 58) : 2023 | 34 | mg/L |
| 9 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.53 | mg/L |
| 10 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.2) | mg/L |
| 11 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.02) | mg/L |
| 12 | Ammonical Nitrogen (as NH3-N) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3) | 1.12 | mg/L |
| 13 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.05) | mg/L |
| 14 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.005) | mg/L |
| 15 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 16 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.02) | mg/L |
| 17 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 18 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 19 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 20 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 21 | Nitrate Nitrogen (as NO3) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 10.2 | mg/L |



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TEST REPORT

VIBRANT

TC-16019

ULR No. : TC160192600000483F

Report No. : VTL/W/2603190026/A

Sample Number : VTL/W/26

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|-----------------|--------------------------------|-----------------|------|
| 22 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.01) | mg/L |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTLW/26

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER
Sampling Location : Silt Arresting Tank
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTLW/2603190026/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 15/03/2026
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°18'58" & 74°32'24"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------------|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | 0.47 | mg/L |
| 3 | Phosphate (as PO ₄) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | *BDL(**DL- 0.2) | mg/L |
| 4 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 5 | Oil & Grease | IS : 3025 (P-39) 2021 | *BDL(**DL- 4.0) | mg/L |
| 6 | Total Kjeldhal Nitrogen (TKN) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 8.0) | 1.7 | mg/L |
| 7 | Free Ammonia (as NH ₃) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3) | *BLQ(**LOQ- 0.5) | mg/L |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTLW/27

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : BFN Recycling Water

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC160192600000484F

Report No. : VTLW/2603190027/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 15/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°19'10" & 74°32'18"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|---|---|-------------------|------|
| 1 | pH value | IS : 3025 (P-11) : 2022 | 7.35 | -- |
| 2 | Total Dissolved Solids (TDS) | IS : 3025 (P-16) : 2023 | 851 | mg/L |
| 3 | Sulphate as (SO ₄) | IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0) | 47 | mg/L |
| 4 | Total Suspended Solids (TSS) | IS: 3025 (P-17) : 2022 | 40 | mg/L |
| 5 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.55 | mg/L |
| 6 | Dissolved oxygen (DO) | IS : 3025 (P -38) : 1989, RA 2019 | 6.48 | mg/L |
| 7 | Biochemical Oxygen Demand (BOD) (3 days at 27°C) | IS: 3025 (P-44) : 2023 | 10 | mg/L |
| 8 | Chemical Oxygen Demand (COD) | IS : 3025 (P- 58) : 2023 | 35 | mg/L |
| 9 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.45 | mg/L |
| 10 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.2) | mg/L |
| 11 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.02) | mg/L |
| 12 | Ammonical Nitrogen (as NH ₃ -N) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3) | 5.6 | mg/L |
| 13 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.05) | mg/L |
| 14 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.005) | mg/L |
| 15 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 16 | Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.02) | mg/L |
| 17 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL- 0.002) | mg/L |
| 18 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL- 0.005) | mg/L |
| 19 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL- 0.001) | mg/L |
| 20 | Phenolic Compounds | APHA 24th Edition, 5530C: 2023 | *BDL(**DL- 0.05) | mg/L |
| 21 | Nitrate Nitrogen (as NO ₃) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4) | 14.3 | mg/L |



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TEST REPORT

ULR No. : TC1601926000000484F

Report No. : VTLW/2603190027/A

VIBRANT

TC-16019

Sample Number : VTLW/27

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|-----------------|--------------------------------|-----------------|------|
| 22 | Nickel (as Ni) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.01) | mg/L |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTLW/27

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : BFN Recycling Water

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2603190027/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 15/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°19'10" & 74°32'18"

| S.No. | Test Parameters | Test Method | Results | Unit |
|-------|------------------------------------|--|------------------|-------|
| 1 | Colour | IS : 3025 (P-4) : 2021 | *BDL(**DL-1) | Hazen |
| 2 | Residual Free Chlorine (RFC) | IS 3025 (P- 26): 2021 (Clause 7.0) | 0.51 | mg/L |
| 3 | Phosphate (as PO ₄) | IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0) | *BDL(**DL- 0.2) | mg/L |
| 4 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL(**DL- 0.02) | mg/L |
| 5 | Oil & Grease | IS : 3025 (P-39) 2021 | *BDL(**DL- 4.0) | mg/L |
| 6 | Total Kjeldhal Nitrogen (TKN) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 8.0) | 1.9 | mg/L |
| 7 | Free Ammonia (as NH ₃) | IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3) | *BLQ(**LOQ- 0.5) | mg/L |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

Sample Number : VTL/JGW/09

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample
Sampling Location : PiezoWell No.- 1 (Nr. Trailing Filter Press)
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

ULR No. : TC160192600000493F
Report No. : VTL/W/2603190009/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°19'05" & 74°32'15"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.13 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 494 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 161 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 445 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 289 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 11 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1514 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 123 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 0.93 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 32.8 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.34 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

ULR No. : TC160192600000493F

Report No. : VTL/W/2603190009/A

Sample Number : TC/GW/09

TC-16019

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.60 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 401 | mg/L | -- | -- |



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VIBRANT

Sample Number : TC/GW/09

*BDL:- Below Detection Limit , **DL:- Detection Limit



TC-16019

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TEST REPORT

ULR No. : TC1601926000000493F

Report No. : VTL/W/2603190009/A

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/09

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 1 (Nr. Trailing Filter Press)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2603190009/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°19'05" & 74°32'15"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

ULR No. : TC1601926000000494F
 Report No. : VTL/W/2603190010/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 16/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : 25°20'13" & 74°33'12"

VIBRANT

Sample Number : VTL/GW/10

Name & Address of the Party : M/S Jindal Saw Ltd.
 Dhedwas Iron Ore Mines & Mineral Beneficiation
 Plant (ML No.- 631/05), Near Tiranga Hill, Village-
 Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample
 Sampling Location : PiezoWell No.- 2 (OB Dump Yard Nr. Gate No. 5)
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|---|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.32 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 439 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 121 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 465 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 334 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 33 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1554 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 150 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 1.5 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 34 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.72 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

VIBRANT

Sample Number : VTL/GW/10

TC-16019

ULR No. : TC160192600000494F

Report No. : VTL/W/2603190010/A

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.50 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 301 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/10

*BDL:- Below Detection Limit , **DL:- Detection Limit



TC-16019

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TEST REPORT

ULR No. : TC160192600000494F

Report No. : VTL/W/2603190010/A

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/10

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 2 (OB Dump Yard Nr. Gate No. 5)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2603190010/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°20'13" & 74°33'12"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

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TEST REPORT

VIBRANT

TC-16019

ULR No. : TC1601926000000495F
 Report No. : VTL/W/2603190011/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 16/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : 25°20'12" & 74°33'11"

Sample Number : VTL/GW/11

Name & Address of the Party : M/S Jindal Saw Ltd.
 Dhedwas Iron Ore Mines & Mineral Beneficiation
 Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
 Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample
 Sampling Location : PiezoWell No.- 3 (Nr. Mines Office- Suras)
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|---|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.22 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 484 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 117 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 486 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 224 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 46 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1594 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 150 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 1.3 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 28.45 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.50 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

ULR No. : TC1601926000000495F
Report No. : VTLW/2603190011/A

VIBRANT

TC-16019

Sample Number : VTL/GW/11

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.52 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 291 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/11

*BDL:- Below Detection Limit , **DL:- Detection Limit



TC-16019

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TEST REPORT

ULR No. : TC1601926000000495F

Report No. : VTL/W/2603190011/A

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/11

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTLW/2603190011/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°20'12" & 74°33'11"

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 3 (Nr. Mines Office- Suras)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

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TEST REPORT

VIBRANT

TC-16019

ULR No. : TC1601926000000496F

Report No. : VTL/W/2603190012/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°20'12" & 74°33'11"

Sample Number : VTL/GW/12

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 04 (Nr.OB Dump Yard - Suras Mines)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.36 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 419 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 111 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 424 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 234 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 34 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1314 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 141 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 1.4 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 34.6 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.49 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

ULR No. : TC1601926000000496F

Report No. : VTL/W/2603190012/A

VIBRANT

TC-16019

Sample Number : VTL/GW/12

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.56 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 276 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/12

*BDL:- Below Detection Limit , **DL:- Detection Limit



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Report No. : VTLW/2603190012/A

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/12

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/W/2603190012/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°20'12" & 74°33'11"

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 04 (Nr.OB Dump Yard - Suras Mines)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

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TEST REPORT

ULR No. : TC1601926000000497F
 Report No. : VTLW/2603190013/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 16/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 Coordinates : 25°26'29" & 74°34'33"

VIBRANT

Sample Number : VTL/GW/13

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
 Dhedwas Iron Ore Mines & Mineral Beneficiation
 Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
 Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample
 Sampling Location : PiezoWell No.- 05 (Nr.Mines Office - Dhulkheda-N)
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|---|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.38 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 484 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 135 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 445 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 259 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 36 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1724 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 150 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 1.15 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 32.19 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.45 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

ULR No. : TC160192600000497F
Report No. : VTLW/2603190013/A

VIBRANT

Sample Number : VTL/GW/13

TC-16019

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.52 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.2) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 336 | mg/L | -- | -- |



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TEST REPORT

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Report No. : VTLW/2603190013/A

VIBRANT

Sample Number : VTL/GW/13

TC-16019

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/13

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 05 (Nr.Mines Office - Dhulkheda-N)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2603190013/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°26'29" & 74°34'33"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit, **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

TC-16019

ULR No. : TC1601926000000498F
 Report No. : VTL/W/2603190014/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 16/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 Coordinates : 25°24'40" & 74°35'07"

Sample Number : VTL/GW/14

Name & Address of the Party : M/S Jindal Saw Ltd.
 Dhedwas Iron Ore Mines & Mineral Beneficiation
 Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
 Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample
 Sampling Location : PiezoWell No.- 06 (Nr. OB Dump Yard -
 Sample Collected By : VTL Team
 Preservation : Suitable Preservation
 Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|---|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.21 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 429 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 105 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 496 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 174 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 40 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1234 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 115 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 1.21 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 31.5 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.43 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

ULR No. : TC1601926000000498F
Report No. : VTL/W/2603190014/A

VIBRANT

TC-16019

Sample Number : VTL/GW/14

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.50 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.02) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 261 | mg/L | -- | -- |



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TEST REPORT

ULR No. : TC1601926000000498F
Report No. : VTL/W/2603190014/A

VIBRANT
Sample Number : VTL/GW/14

TC-16019

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/GW/14

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 06 (Nr. OB Dump Yard -

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2603190014/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°24'40" & 74°35'07"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

ULR No. : TC160192600000499F
 Report No. : VTL/W/2603190015/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 16/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 Coordinates : 25°23'32" & 74°34'25"

VIBRANT

Sample Number : VTL/GW/15

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 07 (Nr. Vista Office - Dhuikheda-S)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.15 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025:(P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 373 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 115 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 382 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 224 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 20 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1234 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 106 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 1.26 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4) | 25.95 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.45 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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TEST REPORT

ULR No. : TC1601926000000499F

Report No. : VTL/W/2603190015/A

Sample Number : VTL/GW/15

TC-16019

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.51 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.02) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 286 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/15

*BDL:- Below Detection Limit , **DL:- Detection Limit



TC-16019

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TEST REPORT

ULR No. : TC160192600000499F

Report No. : VTLW/2603190015/A

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TEST REPORT

VIBRANT

Sample Number : VTL/GW/15

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 07 (Nr. Vista Office - Dhuikheda-S)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2603190015/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°23'32" & 74°34'25"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition, 5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

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TEST REPORT

ULR No. : TC160192600000500F
 Report No. : VTL/W/2603190016/A
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 26/03/2026
 Period of Analysis : 19/03/2026-26/03/2026
 Receipt Date : 19/03/2026
 Sampling Date : 17/03/2026
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : 25°23'53" & 74°34'38"

VIBRANT

Sample Number : VTL/GW/16

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 08 (Nr. OB Dump Yard -

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--|-----------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | pH (at 25°C) | IS 3025(P- 11): 2022 | 7.40 | -- | 6.5 to 8.5 | No Relaxation |
| 2 | Colour | IS : 3025 (P-4) 2021 | *BDL**(DL-1) | Hazen | 5 | 15 |
| 3 | Turbidity | IS : 3025: (P-10) 2023 | *BDL**(DL-1) | NTU | 1 | 5 |
| 4 | Odour | IS : 3025 (P-5) : 2018 | Agreeable | -- | Agreeable | Agreeable |
| 5 | Taste | IS :3025 (P-8): 2023 | Agreeable | -- | Agreeable | Agreeable |
| 6 | Total Hardness (as CaCO3) | IS: 3025 (P-21): 2009, RA 2019 | 449 | mg/L | 200 | 600 |
| 7 | Calcium (as Ca) | IS: 3025 (P- 40): 2024 | 117 | mg/L | 75 | 200 |
| 8 | Total Alkalinity (as CaCO3) | IS: 3025 (P-23): 2023 | 486 | mg/L | 200 | 600 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA 2019 | 239 | mg/L | 250 | 1000 |
| 10 | Cyanide (as CN) | IS 3025 (P 27/Sec 1) :2021 | *BDL**(DL-0.02) | mg/L | 0.05 | No Relaxation |
| 11 | Magnesium (as Mg) | IS: 3025 (P-46): 2023 | 38 | mg/L | 30 | 100 |
| 12 | Total Dissolved Solids | IS :3025 (P-16): 2023 | 1434 | mg/L | 500 | 2000 |
| 13 | Sulphate (as SO4) | IS: 3025 (P-24): Sec 1 : 2022 | 159 | mg/L | 200 | 400 |
| 14 | Fluoride (as F) | APHA 24th Edition, 4500F-D: 2023 | 1.10 | mg/L | 1.0 | 1.5 |
| 15 | Nitrate (as NO3) | IS 3025 : P-34 : Sec 1 : 2023 (Clause 5.4) | 31 | mg/L | 45.0 | No Relaxation |
| 16 | Iron (as Fe) | APHA 24th Edition 3111 B, 2023 | 0.45 | mg/L | 1.0 | No Relaxation |
| 17 | Aluminium (as Al) | IS 3025 (P-55): 2003, RA 2019 | *BDL**(DL-0.03) | mg/L | 0.03 | 0.2 |
| 18 | Boron (as B) | APHA 24th Edition 4500B-C : 2023 | *BDL**(DL-0.2) | mg/L | 0.5 | 2.4 |



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Lab Incharge
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Page No. 1/3

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TEST REPORT

ULR No. : TC1601926000000500F
Report No. : VTLW/2603190016/A

VIBRANT

TC-16019

Sample Number : VTL/GW/16

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|-----------------------------|--------------------------------|------------------|------------|--|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 19 | Total Chromium (as Cr) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | No Relaxation |
| 20 | Phenolic Compounds (C6H5OH) | APHA 24th Edition, 5530C: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | 0.002 |
| 21 | Zinc (as Zn) | APHA 24th Edition 3111 B, 2023 | 0.65 | mg/L | 5.0 | 15.0 |
| 22 | Copper (as Cu) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.02) | mg/L | 0.05 | 1.5 |
| 23 | Manganese (as Mn) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.05) | mg/L | 0.1 | 0.3 |
| 24 | Cadmium (as Cd) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.002) | mg/L | 0.003 | No Relaxation |
| 25 | Lead (as Pb) | APHA 24th Edition 3111 B, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 26 | Selenium (as Se) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 27 | Arsenic (as As) | APHA 24th Edition 3114 C, 2023 | *BDL(**DL-0.005) | mg/L | 0.01 | No Relaxation |
| 28 | Mercury (as Hg) | APHA 24th Edition 3112B: 2023 | *BDL(**DL-0.001) | mg/L | 0.001 | No Relaxation |
| 29 | Total Coliform | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 30 | E.Coli | IS 15185: 2016 RA 2021 | Not Detected | cfu/100 ml | Shall not be detectable in any 100 ml sample | -- |
| 31 | Free Residual Chlorine | IS 3025 (P-26):2021 | *BDL(**DL-0.02) | mg/L | 0.2 | 1.0 |
| 32 | Calcium Hardness | IS: 3025 (P-40): 2009, RA 2019 | 291 | mg/L | -- | -- |



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VIBRANT

Sample Number : VTL/GW/16

*BDL:- Below Detection Limit , **DL:- Detection Limit



TC-16019

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TEST REPORT

ULR No. : TC1601926000000500F
Report No. : VTLW/2603190016/A

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/GW/16

Name & Address of the Party : M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : PiezoWell No.- 08 (Nr. OB Dump Yard -

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2603190016/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 17/03/2026

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°23'53" & 74°34'38"

| S.No. | Test Parameters | Test Method | Results | Units | IS:10500-2012 | |
|-------|--|------------------------------------|-------------------|-------|------------------|-------------------|
| | | | | | Acceptable Limit | Permissible Limit |
| 1 | Mineral Oil | IS 3025 (P-39) 2021 | *BDL(**DL-0.5) | mg/L | 0.5 | No Relaxation |
| 2 | Anionic Detergents (as MBAS) | IS 3025 : P-68 : 2019 | *BDL(**DL-0.05) | mg/L | 0.2 | 1.0 |
| 3 | Polynuclear-aromatic Hydrocarbon (PAH) | APHA 24th Edition,5175/6630 2017 | *BDL(**DL-0.0001) | mg/L | 0.0001 | No relaxation |
| 4 | Total Pesticides | APHA 24th Edition-6630, 8141A 2017 | *BDL(**DL-0.01) | µg/L | - | - |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

Sample Number: VTL/WL/08
Name & Address of the Party: M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plat (ML No.:931/05), Tiranga Hill, Village- Pur, Tehsil & District - Bhilwara, Rajasthan

Report No.: VTL/WL/ 2603190001-08/B
Format No.: 7.8 F-01
Party Reference No.: Nil
Report Date: 26/03/2026

Receipt Date: 19/03/2026
Date of Monitoring: 15-16/03/2026

Sample Collected By: VTL Team
Sample Description: Ground Water Level Monitoring

| S.No. | Location | Depth (In meter) |
|-------|--|------------------|
| 1. | Piezometer Well No.-01 (Nr. Tailing Filter Press) | 13.63 |
| 2. | Piezometer Well No.-02 (OB Dump Yard Nr.Gate No.5) | 6.20 |
| 3. | Piezometer Well No.-03 (Old Mines Office- Suras) | 11.80 |
| 4. | Piezometer Well No.-04 (Nr. OB Dump Yard - Suras Mines) | 9.33 |
| 5. | Piezometer Well No.-05 (Nr. Weigh Bridge - Dhulkheda - N) | 6.03 |
| 6. | Piezometer Well No.-06 (Nr. OB Dump Yard Dhulkheda - N) | 6.42 |
| 7. | Piezometer Well No.-07 (Nr. Mines Office - Dhulkheda - S) | 5.35 |
| 8. | Piezometer Well No.-08 (Nr. OB Dump Yard - Dhulkheda - S) | 4.51 |


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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/S0/01

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SOIL
Sampling Location : Village - Samodi
Sample Collected By : VTL Team
Parameter Required : As per work order
Method of sampling : IS :2720

Report No. : VTL/S0/2603190001/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Composite
Sample Quantity : 2 Kg.
Packing Status : Temp. Sealed
Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|-----------------------------|---|---------|----------|
| 1 | pH | IS : 2720 (P- 26): 1987, RA: 2021 | 8.10 | - |
| 2 | Electrical Conductivity | IS 14767: 2000, RA:2021 | 0.312 | mS/cm |
| 3 | Chloride (as Cl) | USDA:1954 Method 13 (Page-98), RA: 2010 | 207.38 | mg/kg |
| 4 | Potassium (as K) | USEPA 3050 B: 1996 | 174.72 | kg/hect. |
| 5 | Organic Matter | IS 2720 (P-22) 1972, RA:2020 | 0.65 | % |
| 6 | Available Nitrogen (N) | IS :14684,1999 RA: 2019 | 212.08 | kg/ha |
| 7 | Available Phosphorus (as P) | Lab SOP No. VTL/STP/03: 2022, STP-10 | 26.24 | kg/ha |
| 8 | Zinc (as Zn) | USEPA 3050 B: 1996 | 17.91 | mg/kg |
| 9 | Total Lead (as Pb) | USEPA 3050 B: 1996 | 3.90 | mg/kg |
| 10 | Total Cadmium (as Cd) | USEPA 3050 B:1996 | 3.16 | mg/kg |
| 11 | Copper (as Cu) | USEPA 3050 B: 1996 | 10.72 | mg/kg |

*BLQ=Below Limit of Quantification,**LOQ=Limit of Quantification

End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/S0/01

M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Name & Address of the Party :

Sample Description : SOIL

Sampling Location : Village - Samodi

Sample Collected By : VTL Team

Parameter Required : As per work order

Method of sampling : IS :2720

Report No. : VTL/S0/2603190001/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Composite

Sample Quantity : 2 Kg.

Packing Status : Temp. Sealed

Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|----------------------------------|-----------------------------------|------------|-------|
| 1 | Total Chromium (as Cr) | USEPA 3050 B:1996 | 3.63 | mg/kg |
| 2 | Sulphate (as SO ₄) | IS : 2720 (P- 27): 1977, RA: 2020 | 154.93 | mg/kg |
| 3 | Nickel (as Ni) | USEPA 3050 B:1996 | 2.18 | mg/kg |
| 4 | Carbonates (as CO ₃) | USDA: 1954, 2010 (Page -98) | 410 | mg/kg |
| 5 | Soil Texture | IS:2720 (P-4), RA:2006 | Sandy Loam | -- |

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End of Report



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TEST REPORT

VIBRANT
Sample Number : VTL/S0/02

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SOIL
Sampling Location : Village - Dariba
Sample Collected By : VTL Team
Parameter Required : As per work order
Method of sampling : IS :2720

Report No. : VTL/S0/2603190002/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Composite
Sample Quantity : 2 Kg.
Packing Status : Temp. Sealed
Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|-----------------------------|---|---------|----------|
| 1 | pH | IS : 2720 (P- 26): 1987, RA: 2021 | 8.15 | - |
| 2 | Electrical Conductivity | IS 14767: 2000, RA:2021 | 0.328 | mS/cm |
| 3 | Chloride (as Cl) | USDA:1954 Method 13 (Page-98), RA: 2010 | 296.0 | mg/kg |
| 4 | Potassium (as K) | USEPA 3050 B: 1996 | 225.85 | kg/hect. |
| 5 | Organic Matter | IS 2720 (P-22) 1972, RA:2020 | 0.76 | % |
| 6 | Available Nitrogen (N) | IS :14684,1999 RA: 2019 | 234.0 | kg/ha |
| 7 | Available Phosphorus (as P) | Lab SOP No. VTL/STP/03: 2022, STP-10 | 33.3 | kg/ha |
| 8 | Zinc (as Zn) | USEPA 3050 B: 1996 | 23.15 | mg/kg |
| 9 | Total Lead (as Pb) | USEPA 3050 B: 1996 | 5.85 | mg/kg |
| 10 | Total Cadmium (as Cd) | USEPA 3050 B:1996 | 4.82 | mg/kg |
| 11 | Copper (as Cu) | USEPA 3050 B: 1996 | 17.74 | mg/kg |

*BLQ=Below Limit of Quantification,**LOQ=Limit of Quantification

End of Report



Checked by



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TEST REPORT

VIBRANT

Sample Number : VTL/S0/02

M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Name & Address of the Party :

Sample Description : SOIL
Sampling Location : Village - Dariba
Sample Collected By : VTL Team
Parameter Required : As per work order
Method of sampling : IS :2720

Report No. : VTL/S0/2603190002/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Composite
Sample Quantity : 2 Kg.
Packing Status : Temp. Sealed
Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|----------------------------------|-----------------------------------|------------|-------|
| 1 | Total Chromium (as Cr) | USEPA 3050 B:1996 | 6.33 | mg/kg |
| 2 | Sulphate (as SO ₄) | IS : 2720 (P- 27): 1977, RA: 2020 | 196.44 | mg/kg |
| 3 | Nickel (as Ni) | USEPA 3050 B:1996 | 4.82 | mg/kg |
| 4 | Carbonates (as CO ₃) | USDA: 1954, 2010 (Page -98) | 510 | mg/kg |
| 5 | Soil Texture | IS:2720 (P-4), RA:2006 | Sandy Loam | -- |

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End of Report



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TEST REPORT

VIBRANT
Sample Number : VTL/S0/03

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SOIL
Sampling Location : Village - Dhukhera
Sample Collected By : VTL Team
Parameter Required : As per work order
Method of sampling : IS :2720

Report No. : VTL/S0/2603190003/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Composite
Sample Quantity : 2 Kg.
Packing Status : Temp. Sealed
Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|-----------------------------|---|---------|----------|
| 1 | pH | IS : 2720 (P- 26): 1987, RA: 2021 | 8.23 | - |
| 2 | Electrical Conductivity | IS 14767: 2000, RA:2021 | 0.275 | mS/cm |
| 3 | Chloride (as Cl) | USDA:1954 Method 13 (Page-98), RA: 2010 | 191.43 | mg/kg |
| 4 | Potassium (as K) | USEPA 3050 B: 1996 | 152.88 | kg/hect. |
| 5 | Organic Matter | IS 2720 (P-22) 1972, RA:2020 | 0.57 | % |
| 6 | Available Nitrogen (N) | IS :14684,1999 RA: 2019 | 205.85 | kg/ha |
| 7 | Available Phosphorus (as P) | Lab SOP No. VTL/STP/03: 2022, STP-10 | 22.71 | kg/ha |
| 8 | Zinc (as Zn) | USEPA 3050 B: 1996 | 18.52 | mg/kg |
| 9 | Total Lead (as Pb) | USEPA 3050 B: 1996 | 3.90 | mg/kg |
| 10 | Total Cadmium (as Cd) | USEPA 3050 B:1996 | 3.16 | mg/kg |
| 11 | Organic Matter | IS 2720 (P-22) 1972, RA: 2020 | - | % |

*BLQ=Below Limit of Quantification,**LOQ=Limit of Quantification

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Corporate & Registered Office:

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TEST REPORT

VIBRANT

Sample Number : VTL/S0/03

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05),Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SOIL
Sampling Location : Village - Dhukhera
Sample Collected By : VTL Team
Parameter Required : As per work order
Method of sampling : IS :2720

Report No. : VTL/S0/2603190003/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Composite
Sample Quantity : 2 Kg.
Packing Status : Temp. Sealed
Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|----------------------------------|-----------------------------------|------------|-------|
| 1 | Total Chromium (as Cr) | USEPA 3050 B:1996 | 3.41 | mg/kg |
| 2 | Sulphate (as SO ₄) | IS : 2720 (P- 27): 1977, RA: 2020 | 152.08 | mg/kg |
| 3 | Nickel (as Ni) | USEPA 3050 B:1996 | 2.75 | mg/kg |
| 4 | Carbonates (as CO ₃) | USDA: 1954, 2010 (Page -98) | 340 | mg/kg |
| 5 | Soil Texture | IS:2720 (P-4), RA:2006 | Sandy Loam | -- |

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End of Report



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TEST REPORT

VIBRANT
Sample Number : VTL/S0/04

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SOIL
Sampling Location : Village - Pur
Sample Collected By : VTL Team
Parameter Required : As per work order
Method of sampling : IS :2720

Report No. : VTL/S0/2603190004/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Composite
Sample Quantity : 2 Kg.
Packing Status : Temp. Sealed
Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|-----------------------------|---|---------|----------|
| 1 | pH | IS : 2720 (P- 26): 1987, RA: 2021 | 8.01 | - |
| 2 | Electrical Conductivity | IS 14767: 2000, RA:2021 | 0.351 | mS/cm |
| 3 | Chloride (as Cl) | USDA:1954 Method 13 (Page-98), RA: 2010 | 173.70 | mg/kg |
| 4 | Potassium (as K) | USEPA 3050 B: 1996 | 141.96 | kg/hect. |
| 5 | Organic Matter | IS 2720 (P-22) 1972, RA:2020 | 0.54 | % |
| 6 | Available Nitrogen (N) | IS :14684, 1999 RA: 2019 | 190.25 | kg/ha |
| 7 | Available Phosphorus (as P) | Lab SOP No. VTL/STP/03: 2022, STP-10 | 17.66 | kg/ha |
| 8 | Zinc (as Zn) | USEPA 3050 B: 1996 | 15.84 | mg/kg |
| 9 | Total Lead (as Pb) | USEPA 3050 B: 1996 | 3.41 | mg/kg |
| 10 | Total Cadmium (as Cd) | USEPA 3050 B:1996 | 1.58 | mg/kg |
| 11 | Copper (as Cu) | USEPA 3050 B: 1996 | 9.50 | mg/kg |

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End of Report



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Lab Incharge
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TEST REPORT

VIBRANT

Sample Number : VTL/S0/04

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SOIL
Sampling Location : Village - Pur
Sample Collected By : VTL Team
Parameter Required : As per work order
Method of sampling : IS :2720

Report No. : VTL/S0/2603190004/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Composite
Sample Quantity : 2 Kg.
Packing Status : Temp. Sealed
Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|----------------------------------|-----------------------------------|------------|-------|
| 1 | Total Chromium (as Cr) | USEPA 3050 B:1996 | 2.92 | mg/kg |
| 2 | Sulphate (as SO ₄) | IS : 2720 (P- 27): 1977, RA: 2020 | 142.58 | mg/kg |
| 3 | Nickel (as Ni) | USEPA 3050 B:1996 | 2.12 | mg/kg |
| 4 | Carbonates (as CO ₃) | USDA: 1954, 2010 (Page -98) | 285 | mg/kg |
| 5 | Soil Texture | IS:2720 (P-4), RA:2006 | Sandy Loam | -- |

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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/S0/05

M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Name & Address of the Party :

Sample Description : SOIL
Sampling Location : Village - Kanoli
Sample Collected By : VTL Team
Parameter Required : As per work order
Method of sampling : IS :2720

Report No. : VTL/S0/2603190005/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Composite
Sample Quantity : 2 Kg.
Packing Status : Temp. Sealed
Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|-----------------------------|---|---------|----------|
| 1 | pH | IS : 2720 (P- 26): 1987, RA: 2021 | 7.85 | - |
| 2 | Electrical Conductivity | IS 14767: 2000, RA:2021 | 0.300 | mS/cm |
| 3 | Chloride (as Cl) | USDA:1954 Method 13 (Page-98), RA: 2010 | 205.61 | mg/kg |
| 4 | Potassium (as K) | USEPA 3050 B: 1996 | 185.64 | kg/hect. |
| 5 | Organic Matter | IS 2720 (P-22) 1972, RA:2020 | 0.61 | % |
| 6 | Available Nitrogen (N) | IS :14684,1999 RA: 2019 | 218.32 | kg/ha |
| 7 | Available Phosphorus (as P) | Lab SOP No. VTL/STP/03: 2022, STP-10 | 27.30 | kg/ha |
| 8 | Zinc (as Zn) | USEPA 3050 B: 1996 | 19.98 | mg/kg |
| 9 | Total Lead (as Pb) | USEPA 3050 B: 1996 | 3.90 | mg/kg |
| 10 | Total Cadmium (as Cd) | USEPA 3050 B:1996 | 4.14 | mg/kg |
| 11 | Copper (as Cu) | USEPA 3050 B: 1996 | 14.13 | mg/kg |

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End of Report



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TEST REPORT

VIBRANT

Sample Number : VTL/SO/05

M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Name & Address of the Party :

Sample Description : SOIL

Sampling Location : Village - Kanoli

Sample Collected By : VTL Team

Parameter Required : As per work order

Method of sampling : IS :2720

Report No. : VTL/SO/2603190005/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Composite

Sample Quantity : 2 Kg.

Packing Status : Temp. Sealed

Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|----------------------------------|-----------------------------------|------------|-------|
| 1 | Total Chromium (as Cr) | USEPA 3050 B:1996 | 4.14 | mg/kg |
| 2 | Sulphate (as SO ₄) | IS : 2720 (P- 27): 1977, RA: 2020 | 177.43 | mg/kg |
| 3 | Nickel (as Ni) | USEPA 3050 B:1996 | 3.56 | mg/kg |
| 4 | Carbonates (as CO ₃) | USDA: 1954, 2010 (Page -98) | 400 | mg/kg |
| 5 | Soil Texture | IS:2720 (P-4), RA:2006 | Sandy Loam | -- |

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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/S0/06

Name & Address of the Party :

M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SOIL

Sampling Location : Village - Suras

Sample Collected By : VTL Team

Parameter Required : As per work order

Method of sampling : IS :2720

Report No. : VTL/S0/2603190006/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Composite

Sample Quantity : 2 Kg.

Packing Status : Temp. Sealed

Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|-----------------------------|---|---------|----------|
| 1 | pH | IS : 2720 (P- 26): 1987, RA: 2021 | 7.35 | - |
| 2 | Electrical Conductivity | IS 14767: 2000, RA:2021 | 0.285 | mS/cm |
| 3 | Chloride (as Cl) | USDA:1954 Method 13 (Page-98), RA: 2010 | 187.88 | mg/kg |
| 4 | Potassium (as K) | USEPA 3050 B: 1996 | 152.88 | kg/hect. |
| 5 | Organic Matter | IS 2720 (P-22) 1972, RA:2020 | 0.71 | % |
| 6 | Available Nitrogen (N) | IS :14684,1999 RA: 2019 | 199.61 | kg/ha |
| 7 | Available Phosphorus (as P) | Lab SOP No. VTL/STP/03: 2022, STP-10 | 25.23 | kg/ha |
| 8 | Zinc (as Zn) | USEPA 3050 B: 1996 | 15.35 | mg/kg |
| 9 | Total Lead (as Pb) | USEPA 3050 B: 1996 | 3.90 | mg/kg |
| 10 | Total Cadmium (as Cd) | USEPA 3050 B:1996 | 1.95 | mg/kg |
| 11 | Copper (as Cu) | USEPA 3050 B: 1996 | 9.01 | mg/kg |
| 12 | Organic Matter | IS 2720 (P-22) 1972, RA: 2020 | -- | % |

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End of Report



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Authorized Signatory



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TEST REPORT

VIBRANT

Sample Number : VTL/S0/06

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SOIL
Sampling Location : Village - Suras
Sample Collected By : VTL Team
Parameter Required : As per work order
Method of sampling : IS :2720

Report No. : VTL/S0/2603190006/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Composite
Sample Quantity : 2 Kg.
Packing Status : Temp. Sealed
Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|------------------------|-----------------------------------|------------|-------|
| 1 | Total Chromium (as Cr) | USEPA 3050 B:1996 | 3.16 | mg/kg |
| 2 | Sulphate (as SO4) | IS : 2720 (P- 27): 1977, RA: 2020 | 168.24 | mg/kg |
| 3 | Nickel (as Ni) | USEPA 3050 B:1996 | 1.80 | mg/kg |
| 4 | Carbonates (as CO3) | USDA: 1954, 2010 (Page -98) | 310 | mg/kg |
| 5 | Soil Texture | IS:2720 (P-4), RA:2006 | Sandy Loam | -- |

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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/S0/07

Report No. : VTL/S0/2603190007/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Composite

Sample Quantity : 2 Kg.

Packing Status : Temp. Sealed

Coordinates : --

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SOIL

Sampling Location : Village - Gandisagar

Sample Collected By : VTL Team

Parameter Required : As per work order

Method of sampling : IS :2720

| S.No. | Parameters | Test Method | Results | Units |
|-------|-----------------------------|---|---------|----------|
| 1 | pH | IS : 2720 (P- 26): 1987, RA: 2021 | 7.85 | - |
| 2 | Electrical Conductivity | IS 14767: 2000, RA:2021 | 0.328 | mS/cm |
| 3 | Chloride (as Cl) | USDA:1954 Method 13 (Page-98), RA: 2010 | 232.19 | mg/kg |
| 4 | Potassium (as K) | USEPA 3050 B: 1996 | 196.56 | kg/hect. |
| 5 | Organic Matter | IS 2720 (P-22) 1972, RA:2020 | 0.76 | % |
| 6 | Available Nitrogen (N) | IS :14684,1999 RA: 2019 | 227.68 | kg/ha |
| 7 | Available Phosphorus (as P) | Lab SOP No. VTL/STP/03: 2022, STP-10 | 28.77 | kg/ha |
| 8 | Zinc (as Zn) | USEPA 3050 B: 1996 | 22.91 | mg/kg |
| 9 | Total Lead (as Pb) | USEPA 3050 B: 1996 | 5.85 | mg/kg |
| 10 | Total Cadmium (as Cd) | USEPA 3050 B:1996 | 4.14 | mg/kg |
| 11 | Copper (as Cu) | USEPA 3050 B: 1996 | 17.5 | mg/kg |
| 12 | Organic Matter | IS 2720 (P-22) 1972, RA: 2020 | 0.53 | % |

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End of Report



Checked by



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TEST REPORT

VIBRANT

Sample Number : VTL/S0/07

M/S Jindal Saw Ltd.

Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Name & Address of the Party :

Sample Description : SOIL

Sampling Location : Village - Gandisagar

Sample Collected By : VTL Team

Parameter Required : As per work order

Method of sampling : IS :2720

Report No. : VTL/S0/2603190007/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Composite

Sample Quantity : 2 Kg.

Packing Status : Temp. Sealed

Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|----------------------------------|-----------------------------|------------|-------|
| 1 | Total Chromium (as Cr) | USEPA 3050 B:1996 | 12.32 | mg/kg |
| 2 | Nickel (as Ni) | USEPA 3050 B:1996 | 3.21 | mg/kg |
| 3 | Carbonates (as CO ₃) | USDA: 1954, 2010 (Page -98) | 240 | mg/kg |
| 4 | Soil Texture | IS:2720 (P-4), RA:2006 | Sandy Loam | -- |

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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/S0/08

Name & Address of the Party :

M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : SOIL

Sampling Location : Plant Site

Sample Collected By : VTL Team

Parameter Required : As per work order

Method of sampling : IS :2720

Report No. : VTL/S0/2603190008/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 16/03/2026

Sampling Type : Composite

Sample Quantity : 2 Kg.

Packing Status : Temp. Sealed

Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|-----------------------------|---|---------|----------|
| 1 | pH | IS : 2720 (P- 26): 1987, RA: 2021 | 7.45 | - |
| 2 | Electrical Conductivity | IS 14767: 2000, RA:2021 | 0.325 | mS/cm |
| 3 | Chloride (as Cl) | USDA:1954 Method 13 (Page-98), RA: 2010 | 216.24 | mg/kg |
| 4 | Potassium (as K) | USEPA 3050 B: 1996 | 212.9 | kg/hect. |
| 5 | Organic Matter | IS 2720 (P-22) 1972, RA:2020 | 0.61 | % |
| 6 | Available Nitrogen (N) | IS :14684,1999 RA: 2019 | 215.0 | kg/ha |
| 7 | Available Phosphorus (as P) | Lab SOP No. VTL/STP/03: 2022, STP-10 | 25.2 | kg/ha |
| 8 | Zinc (as Zn) | USEPA 3050 B: 1996 | 19.6 | mg/kg |
| 9 | Total Lead (as Pb) | USEPA 3050 B: 1996 | 5.3 | mg/kg |
| 10 | Total Cadmium (as Cd) | USEPA 3050 B:1996 | 3.29 | mg/kg |
| 11 | Copper (as Cu) | USEPA 3050 B: 1996 | 13.15 | mg/kg |

*BLQ=Below Limit of Quantification,**LOQ=Limit of Quantification

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Corporate & Registered Office:

Plot No. Q-39, Shringarpura, Narayan Vihar Q,
Bhankrota, Jaipur 302026 (Raj.)

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TEST REPORT

VIBRANT

Sample Number : VTL/S0/08

M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Name & Address of the Party :

Sample Description : SOIL
Sampling Location : Plant Site
Sample Collected By : VTL Team
Parameter Required : As per work order
Method of sampling : IS :2720

Report No. : VTL/S0/2603190008/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 16/03/2026
Sampling Type : Composite
Sample Quantity : 2 Kg.
Packing Status : Temp. Sealed
Coordinates : --

| S.No. | Parameters | Test Method | Results | Units |
|-------|----------------------------------|-----------------------------------|------------|-------|
| 1 | Total Chromium (as Cr) | USEPA 3050 B:1996 | 4.25 | mg/kg |
| 2 | Sulphate (as SO ₄) | IS : 2720 (P- 27): 1977, RA: 2020 | 165.3 | mg/kg |
| 3 | Nickel (as Ni) | USEPA 3050 B:1996 | 2.56 | mg/kg |
| 4 | Carbonates (as CO ₃) | USDA: 1954, 2010 (Page -98) | 380.0 | mg/kg |
| 5 | Soil Texture | IS:2720 (P-4), RA:2006 | Sandy Loam | -- |

*BLQ=Below Limit of Quantification,**LOQ=Limit of Quantification

End of Report



Checked by



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TEST REPORT

VIBRANT

Sample Number : VTL/WW/01

TC-16019

M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

ULR No. : TC160192600000477F
Report No. : VTL/WW/2603190001/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 15/03/2026
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : 25°19'5" & 74°32'18"

Name & Address of the Party :

Sample Description : Waste Water
Sampling Location : 10 KLD STP Outlet -BFN Plant- A
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

| S.No. | Test Parameters | Test Method | Result | Unit | Limits |
|-------|--|---|----------------|------------|------------|
| 1 | pH | IS: 3025 (P-11): 2022 | 7.35 | - | 6.5 to 9.0 |
| 2 | Total Suspended Solids (TSS) | IS: 3025 (P-17): 2022 | 12.4 | mg/l | 20 |
| 3 | Oil & Grease | IS:3025 (P-39): 2021 | *BDL(**DL-4.0) | mg/l | 10 |
| 4 | Residual Chlorine | IS: 3025 (P-26): 2021 (Clause 5.0) | 0.51 | mg/l | 1 |
| 5 | Ammonical Nitrogen | IS : 3025 (P-34) Sec 1 2023 (Clause 5.3) | 2.0 | mg/l | 5.0 |
| 6 | Total Kjeldahl Nitrogen | IS : 3025 (P-34) Sec 1 2023 (Clause 8.0) | 3.0 | mg/l | -- |
| 7 | Biochemical Oxygen Demand (BOD) (3 days @ 27°C) | IS: 3025 (P-44): 2023 | 5 | mg/l | 10 |
| 8 | Chemical oxygen Demand (COD) | IS : 3025 (P-58) : 2023 | 20 | mg/l | 50 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA. 2019 | 110 | mg/l | -- |
| 10 | Sulphide (as S) | IS: 3025 (P-29) : 2022 (Clause 6.0) | 0.20 | mg/l | 2 |
| 11 | Fecal Coliform | APHA 24th Edition 9221 C ,2023 | 35 | MPN/100 ml | 100 |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



Checked by



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Authorized Signatory



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TEST REPORT

VIBRANT

Sample Number : VTL/WW/01

M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur.Tehsil & District - Bhilwara Rajasthan

Name & Address of the Party :

Sample Description : Waste Water
Sampling Location : 10 KLD STP Outlet -BFN Plant- A
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025

Report No. : VTL/WW/2603190001/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 26/03/2026
Period of Analysis : 19/03/2026-26/03/2026
Receipt Date : 19/03/2026
Sampling Date : 15/03/2026
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : 25°19'5" & 74°32'18"

| S.No. | Test Parameters | Test Method | Result | Unit | Limits |
|-------|-------------------------|--|--------|------|--------|
| 1 | Total Nitrogen (as NO3) | IS : 3025 (P-34) Sec 1 2023 (Clause 6.4) | 6.1 | mg/l | 10 |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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VIBRANT

Sample Number : VTL/WW/02



TC-16019

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TEST REPORT

Name & Address of the Party :

M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Sample Description :

Waste Water

Sampling Location :

10KLD STP Outlet -BFN Plant-B

Sample Collected By :

VTL Team

Preservation :

Suitable Preservation

Method of sampling :

IS :3025

Report No. : VTL/WW/2603190002/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 15/03/2026

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°19'5" & 74°32'18"

| S.No. | Test Parameters | Test Method | Result | Unit | Limits |
|-------|--|---|----------------|------------|------------|
| 1 | pH | IS: 3025 (P-11): 2022 | 7.30 | - | 6.5 to 9.0 |
| 2 | Total Suspended Solids (TSS) | IS: 3025 (P-17): 2022 | 19 | mg/l | 20 |
| 3 | Oil & Grease | IS:3025 (P-39): 2021 | *BDL(**DL-4.0) | mg/l | 10 |
| 4 | Residual Chlorine | IS: 3025 (P-26): 2021 (Clause 5.0) | 0.85 | mg/l | 1 |
| 5 | Ammonical Nitrogen (as NH3-N) | IS : 3025 (P-34) Sec 1 2023 (Clause 5.3) | 2.2 | mg/l | 5.0 |
| 6 | Total Nitrogen (as NO3) | IS : 3025 (P-34) Sec 1 2023 (Clause 6.4) | 8.2 | mg/l | 10 |
| 7 | Biochemical Oxygen Demand (BOD) (3 days @ 27°C) | IS: 3025 (P-44): 2023 | 8.6 | mg/l | 10 |
| 8 | Chemical oxygen Demand (COD) | IS : 3025 (P-58) : 2023 | 40 | mg/l | 50 |
| 9 | Chloride (as Cl) | IS: 3025 (P-32): 1988, RA. 2019 | 134 | mg/l | -- |
| 10 | Sulphide (as S) | IS: 3025 (P-29) : 2022 (Clause 6.0) | 0.30 | mg/l | 2 |
| 11 | Fecal Coliform | APHA 24th Edition 9221 C ,2023 | 31 | MPN/100 ml | 100 |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



Checked by



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Authorized Signatory



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TEST REPORT

VIBRANT

Sample Number : VTL/WW/02

M/s Jindal Saw Limited
Iron Ore Pellet Plant, Khasara No.- 9697/6711,
Village- Pur, Tehsil & District - Bhilwara Rajasthan

Name & Address of the Party :

Sample Description : Waste Water

Sampling Location : 10KLD STP Outlet -BFN Plant-B

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/WW/2603190002/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 26/03/2026

Period of Analysis : 19/03/2026-26/03/2026

Receipt Date : 19/03/2026

Sampling Date : 15/03/2026

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°19'5" & 74°32'18"

| S.No. | Test Parameters | Test Method | Result | Unit | Limits |
|-------|-------------------------|--|--------|------|--------|
| 1 | Total Kjeldahl Nitrogen | IS : 3025 (P-34) Sec 1 2023 (Clause 8.0) | 6.2 | mg/l | -- |

*BDL:- Below Detection Limit , **DL:- Detection Limit

End of Report



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/01

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190001/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Pur Village
Instrument Code : VTL/SLM/01
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 13/03/2026 To 14/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 35°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 50.3 | 41.2 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

- Day Time is from 6.00 AM to 10.00 PM.
- Night Time is reckoned between 10.00 PM to 6.00 AM.
- Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/02

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190002/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Samodi Village
Instrument Code : VTL/SLM/02
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 13/03/2026 To 14/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 35°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 52.6 | 42.5 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/03

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190003/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Suras Village
Instrument Code : VTL/SLM/03
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 13/03/2026 To 14/03/2026
Time of Monitoring : 06:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 35°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 51.2 | 39.5 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/04

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190004/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Gandhisagar Park
Instrument Code : VTL/SLM/04
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 13/03/2026 To 14/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 35°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 52.7 | 38.2 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

- Day Time is from 6.00 AM to 10.00 PM.
- Night Time is reckoned between 10.00 PM to 6.00 AM.
- Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/05

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: - 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190005/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Kanoli Village
Instrument Code : VTL/SLM/05
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 13/03/2026 To 14/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 35°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 49.2 | 39.5 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



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Lab Incharge

Authorized Signatory



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/06

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190006/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Dhulkhera Village
Instrument Code : VTL/SLM/01
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/03/2026 To 15/03/2026
Time of Monitoring : 06:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 48.2 | 36.2 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



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Lab Incharge
Authorized Signatory



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/07

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190007/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Dariba Village
Instrument Code : VTL/SLM/02
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/03/2026 To 15/03/2026
Time of Monitoring : 06:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 51.3 | 41.3 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

- Day Time is from 6.00 AM to 10.00 PM.
- Night Time is reckoned between 10.00 PM to 6.00 AM.
- Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



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RK Yadav
Lab Incharge
Authorized Signatory



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/08

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190008/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Raw Material Storage Yard
Instrument Code : VTL/SLM/03
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/03/2026 To 15/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 53.7 | 40.1 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/09

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190009/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : 10 mtr. Distance from Loading point Suras Pit
Instrument Code : VTL/SLM/04
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/03/2026 To 15/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 60.2 | 47.8 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

- Day Time is from 6.00 AM to 10.00 PM.
- Night Time is reckoned between 10.00 PM to 6.00 AM.
- Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



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Lab Incharge
Authorized Signatory



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/10

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190010/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : 10 mtr. Distance from Loading point Dhukhera Pit
Instrument Code : VTL/SLM/05
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/03/2026 To 15/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 21°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 60.5 | 49.6 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas are declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



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VIBRANT

Sample Number : VTL/AN/11

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No.:- 631/05),Near Tiranga Hill, Village- Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM



TC-16019

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TEST REPORT

Report No. : VTL/N/2603190011/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : 10 mtr. Distance from Loading point Tiranga Pit
Instrument Code : VTL/SLM/01
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/03/2026 To 16/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 63.5 | 51.8 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

- Day Time is from 6.00 AM to 10.00 PM.
 - Night Time is reckoned between 10.00 PM to 6.00 AM.
 - Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.
- Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Corporate & Registered Office:

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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/12

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190012/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Nr. Central Store Tata Blue Shed
Instrument Code : VTL/SLM/02
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/03/2026 To 16/03/2026
Time of Monitoring : 06:00 TO 08:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 35°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA.2020 | 54.1 | 43.5 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Corporate & Registered Office:

Plot No. Q-39, Shringarpura, Narayan Vihar Q,
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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/13

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.: 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190013/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Nr. Crusher (CCR Building)
Instrument Code : VTL/SLM/03
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/03/2026 To 16/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 63.0 | 50.3 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



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TC-16019

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TEST REPORT

Sample Number : VTL/AN/14

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation Plant (ML No.: 631/05), Near Tiranga Hill, Village- Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190014/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Filter Fresh Building
Instrument Code : VTL/SLM/04
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/03/2026 To 16/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 53.2 | 41.2 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



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Sample Number : VTL/AN/15

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 831/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM



TC-16019

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TEST REPORT

Report No. : VTL/N/2603190015/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Nr. BFN CCR Building
Instrument Code : VTL/SLM/05
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 15/03/2026 To 16/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 36°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 52.3 | 47.3 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 6.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



Checked by



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Lab Incharge
Authorized Signatory



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TEST REPORT

Sample Number : VTL/AN/16

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

Report No. : VTL/N/2603190016/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Lake View Lawn
Instrument Code : VTL/SLM/01
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/03/2026 To 17/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 34°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA:2020 | 61.9 | 40.6 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

1. Day Time is from 5.00 AM to 10.00 PM.

2. Night Time is reckoned between 10.00 PM to 6.00 AM.

3. Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



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Lab Incharge
Authorized Signatory



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TEST REPORT

VIBRANT

TC-16019

Sample Number : VTL/AN/17

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/N/2603190017/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 26/03/2026
Receipt Date : 19/03/2026
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status :

Sample Description : Ambient Noise Level Monitoring
Scope of Monitoring : Regulatory Requirement
Protocol Used : IS 9989
Instrument Used : SLM

General Information:-

Sampling Location : Temple Area
Instrument Code : VTL/SLM/03
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 16/03/2026 To 17/03/2026
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 34°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°18'0" & 74°32'21"

| S.No. | Test Parameters | Protocol | Test Result dB(A) | |
|-------|-------------------|------------------------|-------------------|------------|
| | | | Day Time | Night Time |
| 1 | Noise Level (Leq) | IS 9989 - 1981 RA.2020 | 53.5 | 45.2 |

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

| Area Code | Category of Area/Zone | Limits in dB(A) Leq* | |
|-----------|-----------------------|----------------------|------------|
| | | Day Time | Night Time |
| A | Industrial area | 75 | 70 |
| B | Commercial area | 65 | 55 |
| C | Residential area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

- Day Time is from 6.00 AM to 10.00 PM.
 - Night Time is reckoned between 10.00 PM to 6.00 AM.
 - Silence Zone is defined as an area up to 100 m around premises of Hospitals, Educational and Courts. Use of vehicle horn, Loudspeaker and bursting of crackers is banned in these zones.
- Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report



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Authorized Signatory



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TEST REPORT

VIBRANT
Sample Number : VTL/AA/04

TC-16019

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2603280003/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 06/04/2026
Period of Analysis : 28/03/2026-06/04/2026
Receipt Date : 28/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Tiranga Pit
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°18'60" & 74°32'30"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 22/03/2026 To 23/03/2026
Time of Monitoring : 10:00 TO 10:00 Hrs.
Ambient Temperature (°C) : Min. 17°C Max. 35°C
Surrounding Activity : Human, Vehicular & Mining Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---------------------------------------|---------------------------------------|---------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 75.24 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 33.20 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 15.30 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 10.23 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 (NDIR) | 0.73 | mg/m ³ | 4 |
| 6 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 345 | µg/m ³ | -- |

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report



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TEST REPORT

TC-16019

Sample Number : VTL/AA/01

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2603280005/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 06/04/2026
Period of Analysis : 28/03/2026-06/04/2026
Receipt Date : 28/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Suras Pit
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°23'24" & 74°34'12"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 23/03/2026 To 24/03/2026
Time of Monitoring : 10:30 TO 10:30 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 35°C
Surrounding Activity : Human, Vehicular & Mining Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|--|---------------------------------------|---------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 70.73 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 35.71 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO ₂) | IS:5182 (P- 6)-2006 RA 2022 | 15.52 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO ₂) | IS 5182 (P- 2) : Sec 1 : 2023 | 9.72 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 (NDIR) | 0.80 | mg/m ³ | 4 |
| 6 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 324 | µg/m ³ | -- |

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report



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TEST REPORT

Sample Number : VTL/AA/03

TC-16019

Report No. : VTL/A/2603280006/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/04/2026

Period of Analysis : 28/03/2026-06/04/2026

Receipt Date : 28/03/2026

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Samodi Village
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°19'10" & 74°32'22"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 23/03/2026 To 24/03/2026
Time of Monitoring : 11:00 TO 11:00 Hrs.
Ambient Temperature (°C) : Min. 19°C Max. 35°C
Surrounding Activity : Human, Vehicular & Mining Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---------------------------------------|---------------------------------------|---------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 65.0 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 23.52 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 14.92 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 10.04 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 (NDIR) | 0.68 | mg/m ³ | 4 |
| 6 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 280 | µg/m ³ | -- |

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report



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Authorized Signatory



Corporate & Registered Office:

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VIBRANT

Sample Number : VTL/AA/02



TC-16019

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TEST REPORT

Name & Address of the Party : M/S Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral Beneficiation
Plant (ML No.:- 631/05), Near Tiranga Hill, Village-
Pur, Tehsil & District- Bhilwara Rajasthan

Report No. : VTL/A/2603280004/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 06/04/2026
Period of Analysis : 28/03/2026-06/04/2026
Receipt Date : 28/03/2026

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Dhulkheda Pit
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/02
Coordinates : 25°23'32" & 74°34'25"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 22/03/2026 To 23/03/2026
Time of Monitoring : 10:30 TO 10:30 Hrs.
Ambient Temperature (°C) : Min. 17°C Max. 35°C
Surrounding Activity : Human, Vehicular & Mining Act.
Method of Sampling : IS :5182
Sampling Duration : 24 Hrs.
Parameter Required : As per work order

| S.No. | Parameters | Test Method | Results | Units | NAAQS 2009 |
|-------|---------------------------------------|---------------------------------------|---------|-------------------|------------|
| 1 | Particulate Matter (as PM10) | IS:5182 (P- 23)-2006 RA 2022 | 71.52 | µg/m ³ | 100 |
| 2 | Particulate Matter (as PM2.5) | IS:5182 (P- 24)-2019 | 24.23 | µg/m ³ | 60 |
| 3 | Nitrogen Dioxide (as NO2) | IS:5182 (P- 6)-2006 RA 2022 | 16.22 | µg/m ³ | 80 |
| 4 | Sulphur Dioxide (as SO2) | IS 5182 (P- 2) : Sec 1 : 2023 | 10.32 | µg/m ³ | 80 |
| 5 | Carbon Monoxide (as CO) | IS:5182 (P- 10)-1999, RA. 2019 (NDIR) | 0.62 | mg/m ³ | 4 |
| 6 | Suspended Particulate Matter (as SPM) | IS 5182 : (P-4) : 1999 RA 2019 | 300 | µg/m ³ | -- |

*BLQ-Below Limit Of Quantification, **LOQ-Limit Of Quantification

End of Report



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



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