



VIBRANT

Sample Number : VTL/AA/01



IC-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/2509150001/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025

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 : 09/09/2025 To 10/09/2025
Time of Monitoring : 09:00 TO 09:00 Hrs.
Ambient Temperature (°C) : Min. 25°C Max. 34°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	68.96	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	32.91	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	18.22	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	10.43	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	6.38	µg/m ³	400
8	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	6.85	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	272.89	µg/m ³	-



Checked by



RK Yadav
Lab Incharge
Authorized Signatory



Corporate & Registered Office:

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Sample Number : VTL/AA/01

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



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Report No. : VTL/A/2509150001/A

End of Report



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TEST REPORT

Sample Number : VTL/AA/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/A/2509150002/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Dhulkhera Pit
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°23'32" & 74°34'25"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 11/09/2025 To 12/09/2025
Time of Monitoring : 09:45 TO 09:45 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 33°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	62.43	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	22.46	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	16.38	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	9.48	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 method (NDIR)	0.66	mg/m³	4
6	Benzene (as C6H6)	IS 5182 (P-11)-2006 RA 2022	*BDL (**DL 1.0)	µg/m³	5
7	Ammonia (as NH3)	IS 5182 (P-25)-2018	8.91	µg/m³	400
8	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	8.22	µg/m³	180
9	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BDL (**DL 0.02)	µg/m³	1
10	Arsenic (as As)	VTL/STP/02/STP/09	*BDL (**DL 0.5)	ng/m³	6
11	Nickel (as Ni)	IS 5182 (P-26) : 2020	*BDL (**DL 5.0)	ng/m³	20
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BDL (**DL 0.2)	ng/m³	1
13	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	231.54	µg/m³	--



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Sample Number : VTL/AA/02

Report No. : VTL/A/2509150002/A

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TEST REPORT

Sample Number : VTL/AA/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/A/2509150003/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Suras Pit
 Sample Collected By : VTL Team
 Instrument Code : VTL/RDS/FPS/02
 Coordinates : 25°26'23" & 74°34'39"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 11/09/2025 To 12/09/2025
 Time of Monitoring : 09:45 TO 09:45 Hrs.
 Ambient Temperature (°C) : Min. 24°C Max. 33°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	61.10	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	27.20	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	14.90	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	10.59	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 method (NDIR)	0.82	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	11.03	µg/m ³	400
8	Ozone (as O3)	IS 5182 (P-9):1974, RA,2019	12.33	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	281.63	µg/m ³	--



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TEST REPORT

Sample Number : VTL/AA/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/A/2509150004/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Samodi Village
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°21'3" & 74°32'52"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 12/09/2025 To 13/09/2025
Time of Monitoring : 10:00 TO 10:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°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	57.93	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	23.01	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	13.54	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	9.48	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 method (NDIR)	0.57	mg/m³	4
6	Benzene (as C6H6)	IS 5182 (P-11)-2006 RA 2022	*BDL (**DL 1.0)	µg/m³	5
7	Ammonia (as NH3)	IS 5182 (P-25)-2018	8.49	µg/m³	400
8	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	7.53	µg/m³	180
9	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BDL (**DL 0.02)	µg/m³	1
10	Arsenic (as As)	VTL/STP/02/STP/09	*BDL (**DL 0.5)	ng/m³	6
11	Nickel (as Ni)	IS 5182 (P-26) : 2020	*BDL (**DL 5.0)	ng/m³	20
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BDL (**DL 0.2)	ng/m³	1
13	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	222.37	µg/m³	--



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VIBRANT

Sample Number : VTL/AA/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 : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Dariba Village
 Sample Collected By : VTL Team
 Instrument Code : VTL/RDS/FPS/02
 Coordinates : 25°20'21" & 74°31'35"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 12/09/2025 To 13/09/2025
 Time of Monitoring : 10:20 TO 10:20 Hrs.
 Ambient Temperature (°C) : Min. 24°C Max. 32°C
 Surrounding Activity : Human, Vehicular & Plant Act.
 Method of Sampling : IS :5182
 Sampling Duration : 24 Hrs.
 Parameter Required : As per work order

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TEST REPORT

Report No. : VTL/A/2509150005/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

S.No.	Parameters	Test Method	Results	Units	NAAQS 2009
1	Particulate Matter (as PM10)	IS:5182 (P- 23)-2006 RA 2022	59.64	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	22.88	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	13.04	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 7) : Sec 1 : 2023	9.48	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 method (NDIR)	0.60	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	10.19	µg/m ³	400
8	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	6.16	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	221.22	µg/m ³	--



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TEST REPORT

Report No. : VTL/A/2509150005/A

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VIBRANT

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- Bhilwara Rajasthan



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TEST REPORT

Report No. : VTL/A/2509150006/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Pur Village
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°20'21" & 74°31'35"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 12/09/2025 To 13/09/2025
Time of Monitoring : 10:40 TO 10:40 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°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	63.42	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	29.24	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	13.72	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	9.02	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 method (NDIR)	0.72	mg/m³	4
6	Benzene (as C6H6)	IS 5182 (P-11)-2006 RA 2022	*BDL (**DL 1.0)	µg/m³	5
7	Ammonia (as NH3)	IS 5182 (P-25)-2018	8.91	µg/m³	400
8	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	7.53	µg/m³	180
9	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BDL (**DL 0.02)	µg/m³	1
10	Arsenic (as As)	VTL/STP/02/STP/09	*BDL (**DL 0.5)	ng/m³	6
11	Nickel (as Ni)	IS 5182 (P-26) : 2020	*BDL (**DL 5.0)	ng/m³	20
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BDL (**DL 0.2)	ng/m³	1
13	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	244.85	µg/m³	--



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Sample Number : VTL/AA/06

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Sample Number : VTL/AA/07



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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/2509150007/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Kanoli Village
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/04
Coordinates : 25°16'13" & 74°36'10"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 12/09/2025 To 13/09/2025
Time of Monitoring : 11:00 TO 11:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°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	58.09	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	25.52	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	14.57	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	9.69	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 method (NDIR)	0.69	mg/m³	4
6	Benzene (as C6H6)	IS 5182 (P-11)-2006 RA 2022	*BDL (**DL 1.0)	µg/m³	5
7	Ammonia (as NH3)	IS 5182 (P-25)-2018	12.27	µg/m³	400
8	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	11.64	µg/m³	180
9	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BDL (**DL 0.02)	µg/m³	1
10	Arsenic (as As)	VTL/STP/02/STP/09	*BDL (**DL 0.5)	ng/m³	6
11	Nickel (as Ni)	IS 5182 (P-26) : 2020	*BDL (**DL 5.0)	ng/m³	20
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BDL (**DL 0.2)	ng/m³	1
13	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	288.58	µg/m³	--



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Sample Number : VTL/AA/07

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VIBRANT

Sample Number : VTL/AA/08



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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/2509150008/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Lake View Lawn
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/01
Coordinates : 25°19'34" & 74°32'33"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/09/2025 To 11/09/2025
Time of Monitoring : 09:10 TO 09:10 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°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	59.31	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	29.06	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	17.42	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	9.23	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 method (NDIR)	0.74	mg/m³	4
6	Benzene (as C6H6)	IS 5182 (P-11)-2006 RA 2022	*BDL (**DL 1.0)	µg/m³	5
7	Ammonia (as NH3)	IS 5182 (P-25)-2018	13.54	µg/m³	400
8	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	7.53	µg/m³	180
9	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BDL (**DL 0.02)	µg/m³	1
10	Arsenic (as As)	VTL/STP/02/STP/09	*BDL (**DL 0.5)	ng/m³	6
11	Nickel (as Ni)	IS 5182 (P-26) : 2020	*BDL (**DL 5.0)	ng/m³	20
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BDL (**DL 0.2)	ng/m³	1
13	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	234.07	µg/m³	--



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Sample Number : VTL/AA/08

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Sample Number : VTL/AA/09



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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/2509150009/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Gandhisagar Park
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/03
Coordinates : 25°20'10" & 74°38'57"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/09/2025 To 11/09/2025
Time of Monitoring : 09:30 TO 09:30 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°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	65.31	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	34.45	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	18.54	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	12.49	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 method (NDIR)	0.93	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	14.64	µg/m ³	400
8	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	6.16	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	336.28	µg/m ³	--



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Sample Number : VTL/AA/09

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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/2509150010/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Temple Area
Sample Collected By : VTL Team
Instrument Code : VTL/RDS/FPS/04
Coordinates : 25°19'10" & 74°32'6"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 11/09/2025 To 12/09/2025
Time of Monitoring : 09:40 TO 09:40 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°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	65.47	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	32.76	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	20.29	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	13.63	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 method (NDIR)	0.70	mg/m³	4
6	Benzene (as C6H6)	IS 5182 (P-11)-2006 RA 2022	*BDL (**DL 1.0)	µg/m³	5
7	Ammonia (as NH3)	IS 5182 (P-25)-2018	6.78	µg/m³	400
8	Ozone (as O3)	IS 5182 (P-9):1974, RA.2019	6.51	µg/m³	180
9	Lead (as Pb)	IS 5182 (P-22) : 2004, RA.2019	*BDL (**DL 0.02)	µg/m³	1
10	Arsenic (as As)	VTL/STP/02/STP/09	*BDL (**DL 0.5)	ng/m³	6
11	Nickel (as Ni)	IS 5182 (P-26) : 2020	*BDL (**DL 5.0)	ng/m³	20
12	Benzo (alpha) Pyrene-Particulate Phase Only	IS:5182 (P-12):2004, RA.2019	*BDL (**DL 0.2)	ng/m³	1
13	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	237.75	µg/m³	--



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Sample Number : VTL/AA/10

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TEST REPORT

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/2510010001/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/10/2025

Period of Analysis : 01/10/2025-06/10/2025

Receipt Date : 01/10/2025

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 : 29/09/2025 To 30/09/2025
 Time of Monitoring : 09:00 TO 09:00 Hrs.
 Ambient Temperature (°C) : Min. 25°C Max. 36°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	55.73	µg/m³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	19.33	µg/m³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	11.47	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	6.47	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.55	mg/m³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	244.75	µg/m³	--

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

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TEST REPORT

TC-16019

Sample Number : VTL/AA/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/A/2510010002/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/10/2025

Period of Analysis : 01/10/2025-06/10/2025

Receipt Date : 01/10/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location

Sample Collected By

Instrument Code

Coordinates

Meteorological condition during monitoring

Date of Monitoring

Time of Monitoring

Ambient Temperature (°C)

Surrounding Activity

Method of Sampling

Sampling Duration

Parameter Required

: Dhulkheda Pit
: VTL Team
: VTL/RDS/FPS/02
: 25°18'60" & 74°32'30"
: Clear Sky
: 29/09/2025 To 30/09/2025
: 09:30 TO 09:30 Hrs.
: Min. 25°C Max. 36°C
: Human, Vehicular & Mining Act.
: IS :5182
: 24 Hrs.
: 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	51.67	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	18.41	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	9.72	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	6.21	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.52	mg/m ³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	236.15	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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TEST REPORT

Sample Number : VTL/AA/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/A/2510010003/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/10/2025

Period of Analysis : 01/10/2025-06/10/2025

Receipt Date : 01/10/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location

Sample Collected By

Instrument Code

Coordinates

Meteorological condition during monitoring

Date of Monitoring

Time of Monitoring

Ambient Temperature (°C)

Surrounding Activity

Method of Sampling

Sampling Duration

Parameter Required

: Samodi Village

: VTL Team

: VTL/RDS/FPS/03

: 25°21'2" & 74°32'52"

: Clear Sky

: 29/09/2025 To 30/09/2025

: 09:40 TO 09:40 Hrs.

: Min. 25°C Max. 36°C

: Human, Vehicular & Mining Act.

: IS :5182

: 24 Hrs.

: 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	46.18	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	16.60	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	8.84	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	5.30	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.56	mg/m ³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	215.15	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/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/2510010004/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 06/10/2025

Period of Analysis : 01/10/2025-06/10/2025

Receipt Date : 01/10/2025

Sample Description : AMBIENT AIR QUALITY MONITORING

General Information:-

Sampling Location : Tiranga Pit
 Sample Collected By : VTL Team
 Instrument Code : VTL/RDS/FPS/04
 Coordinates : 25°19'10" & 74°32'22"
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 29/09/2025 To 30/09/2025
 Time of Monitoring : 10:00 TO 10:00 Hrs.
 Ambient Temperature (°C) : Min. 25°C Max. 36°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	50.75	µg/m ³	100
2	Particulate Matter (as PM2.5)	IS:5182 (P- 24)-2019	19.05	µg/m ³	60
3	Nitrogen Dioxide (as NO2)	IS:5182 (P- 6)-2006 RA 2022	9.77	µg/m ³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P- 2) : Sec 1 : 2023	6.48	µg/m ³	80
5	Carbon Monoxide (as CO)	IS:5182 (P- 10)-1999, RA. 2019 (NDIR)	0.49	mg/m ³	4
6	Suspended Particulate Matter (as SPM)	IS 5182 : (P-4) : 1999 RA 2019	214.0	µg/m ³	--

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

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Sample Number : VTL/S/01

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



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TEST REPORT

Report No. : VTL/S/2509150001/A

Format No : 7.8 F-03

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sample Description : Stack Emission Monitoring

General Information:-

Sampling Location : DG Set 1010 KVA
 Sample Collected By : VTL Team
 Date of Sampling : 11/09/2025
 Sampling duration (Minutes) : 34 min. (09:30 to 10:04 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) : 30°C
 Temperature of Stack Gases - Ts (°C) : 138°C
 Velocity of Stack Gases (m/sec.) : 9.49
 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	50.86	mg/Nm3	75
2	Sulphur Dioxide (SO ₂)	IS: 11255(P- 2): 1985, RA.2019	13.82	mg/Nm3	--
3	Oxide of Nitrogen (NOX))	IS 11255 (P- 7) 2005; RA 2017	99.82	mg/Nm3	710
4	Total Hydrocarbon (HC)	USEPA 18: 1996	30.92	mg/Nm3	--
5	Carbon Monoxide (CO)	USEPA 10: 1996	31.25	mg/Nm3	150

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TEST REPORT

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

ULR No. : TC160192500000913F

Report No. : VTL/W/2509150001/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°24'7" & 74°35'42"

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	7.34	--	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	550	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	120	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	513	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	350	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	60.90	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1550	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	183.17	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.95	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	47.46	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.58	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

Sample Number : VTL/GW/01

ULR No. : TC1601925000000913F

Report No. : VTLW/2509150001/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	0.74	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	299.40	mg/L	--	--



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Sample Number : VTL/GW/01

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



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TEST REPORT

ULR No. : TC1601925000000913F
Report No. : VTL/W/2509150001/A

End of Report



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TEST REPORT

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/2509150001/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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

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. : TC1601925000000914F

Report No. : VTL/W/2509150002/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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	7.52	--	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	450	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	100.20	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	402	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	250	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	48.60	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1175	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	104	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.81	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	34.77	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

Sample Number : VTL/GW/02

ULR No. : TC1601925000000914F

Report No. : VTL/W/2509150002/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	0.54	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	250	mg/L	--	--



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Sample Number : VTL/GW/02

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TEST REPORT

ULR No. : TC160192500000914F

Report No. : VTL/W/2509150002/A

End of Report



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TEST REPORT

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/2509150002/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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

End of Report



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**VIBRANT**

Sample Number : VTL/GW/03

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



TC-16019

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

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TEST REPORT

Sample Description : Water Sample
Sampling Location : Pur Village
Sample Collected By : VTL Team
Preservation : Suitable Preservation
Method of sampling : IS :3025ULR No. : TC160192500000915F
Report No. : VTLW/2509150003/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 11/09/2025
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	7.34	--	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	350	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	100.20	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	342	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	350	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	24.30	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1075	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	84.16	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	1.05	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	42.38	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.46	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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Sample Number : VTL/GW/03



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TEST REPORT

ULR No. : TC160192500000915F

Report No. : VTLW/2509150003/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	0.62	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: 2015 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	250	mg/L	--	--



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Sample Number : VTL/GW/03

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TEST REPORT

ULR No. : TC160192500000915F

Report No. : VTLW/2509150003/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/2509150003/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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

End of Report



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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- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Samodi Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025



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TEST REPORT

ULR No. : TC160192500000916F

Report No. : VTL/W/2509150004/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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	pH (at 25°C)	IS 3025(P- 11): 2022	7.29	--	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	350	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	90.18	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	352	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	150	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	30.38	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1052	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	101	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)	38.32	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.42	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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**VIBRANT**

Sample Number : VTL/GW/04



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TEST REPORT

ULR No. : TC160192500000916F

Report No. : VTLW/2509150004/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	0.54	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	225	mg/L	--	--



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VIBRANT

Sample Number : VTL/GW/04

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



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TEST REPORT

ULR No. : TC160192500000916F

Report No. : VTLW/2509150004/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- Bhilwara Rajasthan

Sample Description : Water Sample

Sampling Location : Samodi Village

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2509150004/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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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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- Bhiwara Rajasthan

Sample Description : Water Sample

Sampling Location : Gandhisagar Park

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025



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TEST REPORT

ULR No. : TC160192500000917F

Report No. : VTLW/2509150005/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°20'11" & 74°38'57"

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	7.45	--	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	600	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	170.34	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	583	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	475	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	42.53	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1934	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	210	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	1.12	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	44.0	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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**VIBRANT**

Sample Number : VTL/GW/05



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TEST REPORT

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Report No. : VTLW/2509150005/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	425.12	mg/L	--	--



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VIBRANT

Sample Number : VTL/GW/05

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TEST REPORT

ULR No. : TC160192500000917F

Report No. : VTLW/2509150005/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. : VTLW/2509150005/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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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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



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TEST REPORT

ULR No. : TC160192500000918F

Report No. : VTL/W/2509150006/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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	7.56	--	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	575	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	160	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	563	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	375	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	42.72	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1680	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	198	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)	35.79	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.41	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

Sample Number : VTL/GW/06

ULR No. : TC1601925000000918F

Report No. : VTL/W/2509150006/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	0.68	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	399	mg/L	--	--



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VIBRANT

Sample Number : VTL/GW/06

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TEST REPORT

ULR No. : TC160192500000918F

Report No. : VTLW/2509150006/A

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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. : VTL/W/2509150006/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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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VIBRANT

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



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TEST REPORT

ULR No. : TC160192500000919F

Report No. : VTLW/2509150007/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

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	7.22	--	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	475	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	130.26	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	522.6	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	300	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	36.45	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1473	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	166.34	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.95	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	36.55	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.48	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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**VIBRANT**

Sample Number : VTL/GW/07



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TEST REPORT

ULR No. : TC160192500000919F

Report No. : VTL/W/2509150007/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	0.89	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	325	mg/L	--	--



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VIBRANT

Sample Number : VTL/GW/07

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



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TEST REPORT

ULR No. : TC1601925000000919F
Report No. : VTLW/2509150007/A

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TEST REPORT

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

Report No. : VTLW/2509150007/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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, 5175/6630 2017	*BDL(**DL-0.01)	mg/L	0.0001	No relaxation
4	Total Pesticides	APHA 24th Edition-6630, 8141A 2017	*BDL(**DL-0.0001)	µg/L	-	-

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

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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



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TEST REPORT

ULR No. : TC160192500000920F
Report No. : VTLW/2509150008/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 11/09/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : 25°19'06" & 74°32'16"

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	7.46	--	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	400	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	110.22	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	392	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	170	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	30.38	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1064	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	86.14	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.90	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	31.22	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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**VIBRANT**

Sample Number : VTL/GW/08



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TEST REPORT

ULR No. : TC160192500000920F

Report No. : VTLW/2509150008/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	0.49	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	275	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. : TC160192500000920F

Report No. : VTLW/2509150008/A

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TEST REPORT

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. : VTLW/2509150008/B
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 11/09/2025
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

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. : TC1601925000000929F
Report No. : VTLW/2509150017/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 11/09/2025
Sampling Type : Grab
Sample Quantity : 2 Liter.
Coordinates : 25°19'10" & 74°31'47"

S.No.	Test Parameters	Test Method	Results	Unit
1	pH value	IS : 3025 (P-11) : 2022	7.25	--
2	Turbidity	IS : 3025 (P- 10) : 2023	*BDL(**DL-1.0)	NTU
3	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 2023	1312	mg/L
4	Chloride (as Cl)	IS: 3025 (P-32) : 1988, RA 2019	424.87	mg/L
5	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	139.60	mg/L
6	Total Alkalinity (as CaCO3)	IS: 3025 (P- 23) : 2023	513	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	510	mg/L
9	Calcium (as Ca)	IS : 3025 (P-40) : 2024	132.26	mg/L
10	Magnesium (as Mg)	IS : 3025 (P- 46) : 2023	43.74	mg/L
11	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	1.10	mg/L
12	Nitrate (as NO3)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4)	5.08	mg/L
13	Potassium (as K)	APHA 24th Edition, 3500-K: 2023	12.54	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	0.65	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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TC-16019

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TEST REPORT

Sample Number : VTL/SW/17

ULR No. : TC1601925000000929F

Report No. : VTL/W/2509150017/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/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/2509150017/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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 PO4)	IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0)	0.93	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	329.99	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

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

ULR No. : TC160192500000930F

Report No. : VTLW/2509150018/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°23'47" & 74°34'41"

S.No.	Test Parameters	Test Method	Results	Unit
1	pH value	IS : 3025 (P-11) : 2022	7.39	--
2	Turbidity	IS : 3025 (P- 10) : 2023	*BDL(**DL-1.0)	NTU
3	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 2023	1436	mg/L
4	Chloride (as Cl)	IS: 3025 (P-32) : 1988, RA 2019	375	mg/L
5	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	159.41	mg/L
6	Total Alkalinity (as CaCO3)	IS: 3025 (P- 23) : 2023	492.45	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	490	mg/L
9	Calcium (as Ca)	IS : 3025 (P-40) : 2024	124.25	mg/L
10	Magnesium (as Mg)	IS : 3025 (P- 46) : 2023	43.74	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)	8.25	mg/L
13	Potassium (as K)	APHA 24th Edition, 3500-K: 2023	10.45	mg/L
14	Total Coliform	IS 15185: 2016 RA 2021	Presnt	cfu/100ml
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.49	mg/L
16	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.62	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

Sample Number : VTL/SW/18

ULR No. : TC160192500000930F

Report No. : VTL/W/2509150018/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

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. : VTL/W/2509150018/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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)	1.02	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	310.01	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

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

ULR No. : TC160192500000931F
Report No. : VTLW/2509150019/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 11/09/2025
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°23'30" & 74°34'07"

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	1073	mg/L
4	Chloride (as Cl)	IS: 3025 (P-32) : 1988, RA 2019	300	mg/L
5	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	84.65	mg/L
6	Total Alkalinity (as CaCO3)	IS: 3025 (P- 23) : 2023	382	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	420	mg/L
9	Calcium (as Ca)	IS : 3025 (P-40) : 2024	112.22	mg/L
10	Magnesium (as Mg)	IS : 3025 (P- 46) : 2023	34.02	mg/L
11	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.77	mg/L
12	Nitrate (as NO3)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4)	16.50	mg/L
13	Potassium (as K)	APHA 24th Edition, 3500-K: 2023	8.58	mg/L
14	Total Coliform	IS 15185: 2016 RA 2021	Presnt	cfu/100ml
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.34	mg/L
16	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.40	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

Sample Number : VTL/SW/19

ULR No. : TC160192500000931F

Report No. : VTL/W/2509150019/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

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. : VTL/W/2509150019/B
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 20/09/2025
 Period of Analysis : 15/09/2025-20/09/2025
 Receipt Date : 15/09/2025
 Sampling Date : 11/09/2025
 Sampling Type : Grab
 Sample Quantity : 2 Litr.
 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 PO4)	IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0)	1.04	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	280	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

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

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

ULR No. : TC160192500000932F
Report No. : VTL/W/2509150020/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 11/09/2025
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°23'49" & 74°33'16"

S.No.	Test Parameters	Test Method	Results	Unit
1	pH value	IS : 3025 (P-11) : 2022	7.40	--
2	Turbidity	IS : 3025 (P- 10) : 2023	*BDL(**DL-1.0)	NTU
3	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 2023	510	mg/L
4	Chloride (as Cl)	IS: 3025 (P-32) : 1988, RA 2019	150	mg/L
5	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	47.72	mg/L
6	Total Alkalinity (as CaCO3)	IS: 3025 (P- 23) : 2023	241	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	270	mg/L
9	Calcium (as Ca)	IS : 3025 (P-40) : 2024	92.18	mg/L
10	Magnesium (as Mg)	IS : 3025 (P- 46) : 2023	9.72	mg/L
11	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.49	mg/L
12	Nitrate (as NO3)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4)	22.84	mg/L
13	Potassium (as K)	APHA 24th Edition, 3500-K: 2023	5.39	mg/L
14	Total Coliform	IS 15185: 2016 RA 2021	Presnt	cfu/100ml
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.41	mg/L
16	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.54	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

Sample Number : VTL/SW/20

ULR No. : TC160192500000932F

Report No. : VTL/W/2509150020/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

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

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

Report No. : VTL/W/2509150020/B
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 20/09/2025
 Period of Analysis : 15/09/2025-20/09/2025
 Receipt Date : 15/09/2025
 Sampling Date : 11/09/2025
 Sampling Type : Grab
 Sample Quantity : 2 Ltr.
 Coordinates : 25°23'49" & 74°33'16"

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)	0.96	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	300	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

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

ULR No. : TC160192500000933F

Report No. : VTLW/2509150021/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°24'18" & 74°33'3"

S.No.	Test Parameters	Test Method	Results	Unit
1	pH value	IS : 3025 (P-11) : 2022	7.26	--
2	Turbidity	IS : 3025 (P- 10) : 2023	*BDL(**DL-1.0)	NTU
3	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 2023	425	mg/L
4	Chloride (as Cl)	IS: 3025 (P-32) : 1988, RA 2019	84.97	mg/L
5	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	30.69	mg/L
6	Total Alkalinity (as CaCO3)	IS: 3025 (P- 23) : 2023	201	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	180	mg/L
9	Calcium (as Ca)	IS : 3025 (P-40) : 2024	52.10	mg/L
10	Magnesium (as Mg)	IS : 3025 (P- 46) : 2023	12.15	mg/L
11	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.38	mg/L
12	Nitrate (as NO3)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4)	15.23	mg/L
13	Potassium (as K)	APHA 24th Edition, 3500-K: 2023	4.58	mg/L
14	Total Coliform	IS 15185: 2016 RA 2021	Presnt	cfu/100ml
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.31	mg/L
16	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.52	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

Sample Number : VTL/SW/21

ULR No. : TC160192500000933F

Report No. : VTL/W/2509150021/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

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 Giranga 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. : VTL/W/2509150021/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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 PO4)	IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0)	0.99	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	130	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

Sample Number : VTL/SW/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

Sample Description : SURFACE WATER

Sampling Location : Samodi Pond

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC160192500000934F

Report No. : VTLW/2509150022/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°21'2" & 74°32'50"

S.No.	Test Parameters	Test Method	Results	Unit
1	pH value	IS : 3025 (P-11) : 2022	7.39	--
2	Turbidity	IS : 3025 (P- 10) : 2023	*BDL(**DL-1.0)	NTU
3	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 2023	621	mg/L
4	Chloride (as Cl)	IS: 3025 (P-32) : 1988, RA 2019	155	mg/L
5	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	40.59	mg/L
6	Total Alkalinity (as CaCO3)	IS: 3025 (P- 23) : 2023	281	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	280	mg/L
9	Calcium (as Ca)	IS : 3025 (P-40) : 2024	76.15	mg/L
10	Magnesium (as Mg)	IS : 3025 (P- 46) : 2023	21.87	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)	8.88	mg/L
13	Potassium (as K)	APHA 24th Edition, 3500-K: 2023	16.27	mg/L
14	Total Coliform	IS 15185: 2016 RA 2021	Presnt	cfu/100ml
15	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.34	mg/L
16	Zinc (as Zn)	APHA 24th Edition 3111 B, 2023	0.38	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

Sample Number : VTL/SW/22

ULR No. : TC160192500000934F

Report No. : VTL/W/2509150022/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

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

End of Report



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TEST REPORT

Sample Number : VTL/SW/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- Bhiwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : Samodi Pond

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTL/W/2509150022/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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	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)	0.85	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	190	mg/L
10	Anionic Detergents (MBAS)	IS 3025 : P 68 : 2019	*BDL(**DL- 0.05)	mg/L

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

End of Report



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TEST REPORT

Sample Number : VTL/W/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

ULR No. : TC1601925000000936F
Report No. : VTL/W/2509150023/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 11/09/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : 25°21'2" & 74°32'50"

S.No.	Test Parameters	Test Method	Results	Unit
1	pH value	IS : 3025 (P-11) : 2022	7.52	--
2	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 2023	1028	mg/L
3	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	79.21	mg/L
4	Total Suspended Solids (TSS)	IS: 3025 (P-17) : 2022	26.80	mg/L
5	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.72	mg/L
6	Dissolved oxygen (DO)	IS : 3025 (P -38) : 1989, RA 2019	7.10	mg/L
7	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	IS: 3025 (P-44) : 2023	9.0	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	0.89	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	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.05)	mg/L
13	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.005)	mg/L
14	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BDL(**DL- 0.005)	mg/L
15	Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.02)	mg/L
16	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.002)	mg/L
17	Selenium (as Se)	APHA 24th Edition 3114 C, 2023	*BDL(**DL- 0.005)	mg/L
18	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BDL(**DL- 0.001)	mg/L
19	Phenolic Compounds	APHA 24th Edition, 5530C: 2023	*BDL(**DL- 0.05)	mg/L
20	Nitrate Nitrogen (as NO3)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4)	11.27	mg/L
21	Nickel (as Ni)	APHA 24th Edition 3111 B, 2023	*BDL(**DL-0.01)	mg/L



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Sample Number : VTL/W/23

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TEST REPORT

ULR No. : TC1601925000000936F

Report No. : VTL/W/2509150023/A

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TEST REPORT

Sample Number : VTL/W/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. : VTL/W/2509150023/B
 Format No : 7.8 F-01
 Party Reference No : NIL
 Report Date : 20/09/2025
 Period of Analysis : 15/09/2025-20/09/2025
 Receipt Date : 15/09/2025
 Sampling Date : 11/09/2025
 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)	0.35	mg/L
3	Ammonical Nitrogen (as NH3)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3)	5.07	mg/L
4	Phosphate (as PO4)	IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0)	*BDL(**DL- 0.2)	mg/L
5	Cyanide (as CN)	IS 3025 (P 27/Sec 1) :2021	*BDL(**DL- 0.02)	mg/L
6	Oil & Grease	IS : 3025 (P-39) 2021	*BDL(**DL- 4.0)	mg/L
7	Total Kjeldhal Nitrogen (TKN)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 8.0)	22.26	mg/L

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

End of Report



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TEST REPORT

Sample Number : VTLW/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- Bhiwara Rajasthan

Sample Description : SURFACE WATER

Sampling Location : Tailing Pond

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC160192500000937F

Report No. : VTLW/2509150024/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°19'20" & 74°32'18"

S.No.	Test Parameters	Test Method	Results	Unit
1	pH value	IS : 3025 (P-11) : 2022	7.64	--
2	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 2023	721	mg/L
3	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	42.57	mg/L
4	Total Suspended Solids (TSS)	IS: 3025 (P-17) : 2022	41.0	mg/L
5	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.54	mg/L
6	Dissolved oxygen (DO)	IS : 3025 (P -38) : 1989, RA 2019	7.4	mg/L
7	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	IS: 3025 (P-44) : 2023	10.50	mg/L
8	Chemical Oxygen Demand (COD)	IS : 3025 (P- 58) : 2023	20.0	mg/L
9	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.68	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	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.05)	mg/L
13	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.005)	mg/L
14	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BDL(**DL- 0.005)	mg/L
15	Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.02)	mg/L
16	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.002)	mg/L
17	Selenium (as Se)	APHA 24th Edition 3114 C, 2023	*BDL(**DL- 0.005)	mg/L
18	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BDL(**DL- 0.001)	mg/L
19	Phenolic Compounds	APHA 24th Edition, 5530C: 2023	*BDL(**DL- 0.05)	mg/L
20	Nitrate Nitrogen (as NO3)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4)	24.29	mg/L
21	Nickel (as Ni)	APHA 24th Edition 3111 B, 2023	*BDL(**DL-0.01)	mg/L



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Sample Number : VTLW/24

ULR No. : TC160192500000937F

Report No. : VTLW/2509150024/A

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Sample Number : VTLW/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

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TEST REPORT

Report No. : VTLW/2509150024/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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)	0.71	mg/L
3	Ammonical Nitrogen (as NH ₃)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3)	2.81	mg/L
4	Phosphate (as PO ₄)	IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0)	*BDL(**DL- 0.2)	mg/L
5	Cyanide (as CN)	IS 3025 (P 27/Sec 1) :2021	*BDL(**DL- 0.02)	mg/L
6	Oil & Grease	IS : 3025 (P-39) 2021	*BDL(**DL- 4.0)	mg/L
7	Total Kjeldhal Nitrogen (TKN)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 8.0)	34.28	mg/L

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

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TEST REPORT

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- 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

ULR No. : TC160192500000938F
Report No. : VTLW/2509150025/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 11/09/2025
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°19'34" & 74°32'38"

S.No.	Test Parameters	Test Method	Results	Unit
1	pH value	IS : 3025 (P-11) : 2022	7.34	--
2	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 2023	1322	mg/L
3	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	64.36	mg/L
4	Total Suspended Solids (TSS)	IS: 3025 (P-17) : 2022	46.0	mg/L
5	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.99	mg/L
6	Dissolved oxygen (DO)	IS : 3025 (P -38) : 1989, RA 2019	7.9	mg/L
7	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	IS: 3025 (P-44) : 2023	13.50	mg/L
8	Chemical Oxygen Demand (COD)	IS : 3025 (P- 58) : 2023	50	mg/L
9	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.74	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	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.05)	mg/L
13	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.005)	mg/L
14	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BDL(**DL- 0.005)	mg/L
15	Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.02)	mg/L
16	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.002)	mg/L
17	Selenium (as Se)	APHA 24th Edition 3114 C, 2023	*BDL(**DL- 0.005)	mg/L
18	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BDL(**DL- 0.001)	mg/L
19	Phenolic Compounds	APHA 24th Edition, 5530C: 2023	*BDL(**DL- 0.05)	mg/L
20	Nitrate Nitrogen (as NO3)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4)	22.56	mg/L
21	Nickel (as Ni)	APHA 24th Edition 3111 B, 2023	*BDL(**DL-0.01)	mg/L



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Sample Number : VTLW/25

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ULR No. : TC1601925000000938F

Report No. : VTLW/2509150025/A

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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- 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

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TEST REPORT

Report No. : VTLW/2509150025/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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)	0.71	mg/L
3	Ammonical Nitrogen (as NH ₃)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3)	6.19	mg/L
4	Phosphate (as PO ₄)	IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0)	*BDL(**DL- 0.2)	mg/L
5	Cyanide (as CN)	IS 3025 (P 27/Sec 1) :2021	*BDL(**DL- 0.02)	mg/L
6	Oil & Grease	IS : 3025 (P-39) 2021	*BDL(**DL- 4.0)	mg/L
7	Total Kjeldhal Nitrogen (TKN)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 8.0)	35.92	mg/L

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

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TEST REPORT

Sample Number : VTL/W/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

ULR No. : TC1601925000000939F
Report No. : VTL/W/2509150026/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 11/09/2025
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°18'58" & 74°32'24"

S.No.	Test Parameters	Test Method	Results	Unit
1	pH value	IS : 3025 (P-11) : 2022	7.29	--
2	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 2023	718	mg/L
3	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	42.08	mg/L
4	Total Suspended Solids (TSS)	IS: 3025 (P-17) : 2022	13.50	mg/L
5	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.88	mg/L
6	Dissolved oxygen (DO)	IS : 3025 (P -38) : 1989, RA 2019	7.50	mg/L
7	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	IS: 3025 (P-44) : 2023	9.50	mg/L
8	Chemical Oxygen Demand (COD)	IS : 3025 (P- 58) : 2023	30.0	mg/L
9	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.68	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	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.05)	mg/L
13	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.005)	mg/L
14	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BDL(**DL- 0.005)	mg/L
15	Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.02)	mg/L
16	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.002)	mg/L
17	Selenium (as Se)	APHA 24th Edition 3114 C, 2023	*BDL(**DL- 0.005)	mg/L
18	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BDL(**DL- 0.001)	mg/L
19	Phenolic Compounds	APHA 24th Edition, 5530C: 2023	*BDL(**DL- 0.05)	mg/L
20	Nitrate Nitrogen (as NO3)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4)	14.28	mg/L
21	Nickel (as Ni)	APHA 24th Edition 3111 B, 2023	*BDL(**DL-0.01)	mg/L



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Sample Number : VTL/W/26

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ULR No. : TC160192500000939F

Report No. : VTL/W/2509150026/A

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TEST REPORT

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/2509150026/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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)	0.71	mg/L
3	Ammonical Nitrogen (as NH ₃)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3)	1.13	mg/L
4	Phosphate (as PO ₄)	IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0)	*BDL(**DL- 0.2)	mg/L
5	Cyanide (as CN)	IS 3025 (P 27/Sec 1) :2021	*BDL(**DL- 0.02)	mg/L
6	Oil & Grease	IS : 3025 (P-39) 2021	*BDL(**DL- 4.0)	mg/L
7	Total Kjeldhal Nitrogen (TKN)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 8.0)	20.74	mg/L

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TEST REPORT

Sample Number : VTL/W/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. : TC1601925000000940F

Report No. : VTL/W/2509150027/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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	7.25	-
2	Total Dissolved Solids (TDS)	IS : 3025 (P-16) : 2023	873	mg/L
3	Sulphate as (SO4)	IS: 3025 (P- 24): Sec.1 : 2022 (Clause 5.0)	55.45	mg/L
4	Total Suspended Solids (TSS)	IS: 3025 (P-17) : 2022	55.90	mg/L
5	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.77	mg/L
6	Dissolved oxygen (DO)	IS : 3025 (P -38) : 1989, RA 2019	5.60	mg/L
7	Biochemical Oxygen Demand (BOD) (3 days at 27°C)	IS: 3025 (P-44) : 2023	14.50	mg/L
8	Chemical Oxygen Demand (COD)	IS : 3025 (P- 58) : 2023	40.0	mg/L
9	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.76	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	Manganese (as Mn)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.05)	mg/L
13	Lead (as Pb)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.005)	mg/L
14	Arsenic (as As)	APHA 24th Edition 3114 C, 2023	*BDL(**DL- 0.005)	mg/L
15	Chromium (as Cr)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.02)	mg/L
16	Cadmium (as Cd)	APHA 24th Edition 3111 B, 2023	*BDL(**DL- 0.002)	mg/L
17	Selenium (as Se)	APHA 24th Edition 3114 C, 2023	*BDL(**DL- 0.005)	mg/L
18	Mercury (as Hg)	APHA 24th Edition 3112B: 2023	*BDL(**DL- 0.001)	mg/L
19	Phenolic Compounds	APHA 24th Edition, 5530C: 2023	*BDL(**DL- 0.05)	mg/L
20	Nitrate Nitrogen (as NO3)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 6.4)	19.54	mg/L
21	Nickel (as Ni)	APHA 24th Edition 3111 B, 2023	*BDL(**DL-0.01)	mg/L



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Sample Number : VTL/W/27

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ULR No. : TC160192500000940F
Report No. : VTLW/2509150027/A

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VIBRANT

Sample Number : VTL/W/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

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TEST REPORT

Report No. : VTL/W/2509150027/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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)	0.35	mg/L
3	Ammonical Nitrogen (as NH ₃)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 5.3)	4.22	mg/L
4	Phosphate (as PO ₄)	IS:3025 (P- 31) Sec 1 : 2022 (Clause 5.0)	*BDL(**DL- 0.2)	mg/L
5	Cyanide (as CN)	IS 3025 (P 27/Sec 1) :2021	*BDL(**DL- 0.02)	mg/L
6	Oil & Grease	IS : 3025 (P-39) 2021	*BDL(**DL- 4.0)	mg/L
7	Total Kjeldhal Nitrogen (TKN)	IS 3025 : P 34 : Sec 1 : 2023 (Clause 8.0)	28.38	mg/L

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

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

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025



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ULR No. : TC160192500000921F

Report No. : VTL/W/2509150009/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

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	7.32	--	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	575	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	160.32	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	583	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	440	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	42.53	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1464	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	160.40	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	0.96	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	42.13	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.42	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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Sample Number : VTL/GW/08



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TEST REPORT

ULR No. : TC160192500000921F
Report No. : VTL/W/2509150009/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	400	mg/L	--	--



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Sample Number : VTL/GW/08

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Report No. : VTL/W/2509150009/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 : PiezoWell No.- 1 (Nr. Trailing Filter Press)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2509150009/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

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

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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



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TEST REPORT

ULR No. : TC160192500000922F

Report No. : VTL/W/2509150010/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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	pH (at 25°C)	IS 3025(P- 11): 2022	7.48	--	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	525	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	150	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	533	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	410	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	36.63	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1685	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	192.08	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)	40.61	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.82	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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VIBRANT

Sample Number : VTL/GW/10



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TEST REPORT

ULR No. : TC160192500000922F
Report No. : VTL/W/2509150010/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	374.25	mg/L	--	--



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VIBRANT

Sample Number : VTL/GW/10

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



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TEST REPORT

ULR No. : TC160192500000922F

Report No. : VTL/W/2509150010/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. : VTL/W/2509150010/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

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

End of Report



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**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

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



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TEST REPORT

ULR No. : TC160192500000923F

Report No. : VTL/W/2509150011/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°20'12" & 74°33'11"

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	7.39	--	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 CaCO ₃)	IS: 3025 (P-21): 2009, RA 2019	500	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	130.26	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	513	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	240	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	42.53	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1546	mg/L	500	2000
13	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec 1 : 2022	178.22	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 NO ₃)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	32.99	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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VIBRANT

Sample Number : VTL/GW/11



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TEST REPORT

ULR No. : TC160192500000923F
Report No. : VTLW/2509150011/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	0.54	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	325	mg/L	--	--



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VIBRANT

Sample Number : VTL/GW/11

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



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TEST REPORT

ULR No. : TC160192500000923F

Report No. : VTLW/2509150011/A

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TEST REPORT

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

Report No. : VTL/W/2509150011/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°20'12" & 74°33'11"

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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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

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



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TEST REPORT

ULR No. : TC160192500000924F

Report No. : VTL/W/2509150012/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°20'12" & 74°33'11"

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	7.54	--	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	450	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	120.24	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	452	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	280	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	36.45	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	140.59	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	1.08	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	41.62	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.52	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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VIBRANT

Sample Number : VTL/GW/12



TC-16019

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TEST REPORT

ULR No. : TC160192500000924F

Report No. : VTL/W/2509150012/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	0.47	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	300	mg/L	--	--



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Sample Number : VTL/GW/12

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



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TEST REPORT

ULR No. : TC160192500000924F

Report No. : VTL/W/2509150012/A

End of Report



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TEST REPORT

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

Report No. : VTL/W/2509150012/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Litr.

Coordinates : 25°20'12" & 74°33'11"

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-8630, 8141A 2017	*BDL(**DL-0.01)	µg/L	-	-

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

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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



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TEST REPORT

ULR No. : TC160192500000925F

Report No. : VTL/W/2509150013/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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	pH (at 25°C)	IS 3025(P- 11): 2022	7.26	--	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	525	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	140.28	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	563	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	320	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	42.53	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1620	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	209.90	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	1.22	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	37.31	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.68	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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Sample Number : VTL/GW/13



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TEST REPORT

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Report No. : VTL/W/2509150013/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	0.52	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	350	mg/L	--	--



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Sample Number : VTL/GW/13

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TEST REPORT

ULR No. : TC160192500000925F

Report No. : VTL/W/2509150013/A

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TEST REPORT

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/2509150013/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Litr.

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

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TEST REPORT

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

ULR No. : TC160192500000926F

Report No. : VTL/WI/2509150014/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Ltr.

Coordinates : 25°24'40" & 74°35'07"

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	7.41	--	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	425	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	120.24	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	523	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	229.93	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	30.37	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1210	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec 1 : 2022	135.64	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	1.20	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	34.01	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.51	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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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	0.68	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	300	mg/L	--	--



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Sample Number : VTL/GW/14

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



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TEST REPORT

ULR No. : TC160192500000926F

Report No. : VTL/W/2509150014/A

End of Report



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Lab Incharge
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TEST REPORT

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. : VTL/W/2509150014/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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

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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 - Dhulkheda-S)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

ULR No. : TC160192500000927F

Report No. : VTL/W/2509150015/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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	pH (at 25°C)	IS 3025(P- 11): 2022	7.29	--	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	400	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	130.26	mg/L	75	200
8	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23): 2023	442	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	250	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	18.22	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1134	mg/L	500	2000
13	Sulphate (as SO ₄)	IS: 3025 (P-24): Sec 1 : 2022	126.73	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	1.09	mg/L	1.0	1.5
15	Nitrate (as NO ₃)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	28.93	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.54	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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Sample Number : VTL/GW/15



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TEST REPORT

ULR No. : TC160192500000927F

Report No. : VTL/W/2509150015/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	0.64	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	325	mg/L	--	--



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Sample Number : VTL/GW/15

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TEST REPORT

ULR No. : TC160192500000927F

Report No. : VTL/W/2509150015/A

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TEST REPORT

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 - Dhulkheda-S)

Sample Collected By : VTL Team

Preservation : Suitable Preservation

Method of sampling : IS :3025

Report No. : VTLW/2509150015/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

Sampling Type : Grab

Sample Quantity : 2 Litr.

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

TC-16019

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

ULR No. : TC160192500000928F

Report No. : VTL/W/2509150016/A

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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	pH (at 25°C)	IS 3025(P- 11): 2022	7.62	--	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	550	mg/L	200	600
7	Calcium (as Ca)	IS: 3025 (P- 40): 2024	130.26	mg/L	75	200
8	Total Alkalinity (as CaCO3)	IS: 3025 (P-23): 2023	523	mg/L	200	600
9	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA 2019	400	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	54.67	mg/L	30	100
12	Total Dissolved Solids	IS :3025 (P-16): 2023	1478	mg/L	500	2000
13	Sulphate (as SO4)	IS: 3025 (P-24): Sec i : 2022	186.14	mg/L	200	400
14	Fluoride (as F)	APHA 24th Edition, 4500F-D: 2023	1.19	mg/L	1.0	1.5
15	Nitrate (as NO3)	IS 3025 : P-34 : Sec 1 : 2023 (Clause 6.4)	38.07	mg/L	45.0	No Relaxation
16	Iron (as Fe)	APHA 24th Edition 3111 B, 2023	0.51	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

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TC-16019

Sample Number : VTL/GW/16

ULR No. : TC160192500000928F

Report No. : VTL/W/2509150016/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	0.76	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	325	mg/L	--	--



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Sample Number : VTL/GW/16

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TEST REPORT

ULR No. : TC160192500000928F

Report No. : VTL/W/2509150016/A

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TEST REPORT

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/2509150016/B

Format No : 7.8 F-01

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

Sampling Date : 11/09/2025

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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VIBRANT

Sample Number : VTL/WW/01



TC-16019

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TEST REPORT

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

ULR No. : TC160192500000960F
Report No. : VTL/WW/2509150001/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 12/09/2025
Sampling Type : Grab
Sample Quantity : 2 Litr.
Coordinates : 25°19'6" & 74°32'16"

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.25	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	15.80	mg/l	100
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)	0.71	mg/l	1
5	Ammonical Nitrogen (as NH3-N)	IS : 3025 (P-34) Sec 1 2023 (Clause 5.3)	12.38	mg/l	50
6	Total Kjeldahl Nitrogen	IS : 3025 (P-34) Sec 1 2023 (Clause 8.0)	15.4	mg/l	100
7	Nitrate Nitrogen (as NO3)	IS : 3025 (P-34) Sec 1 2023 (Clause 6.4)	6.98	mg/l	--
8	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 2023	5.33	mg/l	30
9	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2023	20.0	mg/l	250
10	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA. 2019	145	mg/l	--
11	Sulphide (as S)	IS: 3025 (P-29) : 2022 (Clause 6.0)	0.60	mg/l	2
12	Fecal Coliform	APHA 24th Edition 9221 C ,2023	48	MPN/100 ml	---

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

End of Report



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TEST REPORT

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

ULR No. : TC160192500000961F
Report No. : VTL/WW/2509150002/A
Format No : 7.8 F-01
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025
Sampling Date : 12/09/2025
Sampling Type : Grab
Sample Quantity : 2 Ltr.
Coordinates : 25°19'10" & 74°32'17"

S.No.	Test Parameters	Test Method	Result	Unit	Limits
1	pH	IS: 3025 (P-11): 2022	7.42	-	5.5 to 9.0
2	Total Suspended Solids (TSS)	IS: 3025 (P-17): 2022	19.60	mg/l	100
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)	0.35	mg/l	1
5	Ammonical Nitrogen (as NH3-N)	IS : 3025 (P-34) Sec 1 2023 (Clause 5.3)	11.54	mg/l	50
6	Total Kjeldahl Nitrogen	IS : 3025 (P-34) Sec 1 2023 (Clause 8.0)	16.82	mg/l	100
7	Nitrate Nitrogen (as NO3)	IS : 3025 (P-34) Sec 1 2023 (Clause 6.4)	11.61	mg/l	--
8	Biochemical Oxygen Demand (BOD) (3 days @ 27°C)	IS: 3025 (P-44): 2023	14.17	mg/l	30
9	Chemical oxygen Demand (COD)	IS : 3025 (P-58) : 2023	80	mg/l	250
10	Chloride (as Cl)	IS: 3025 (P-32): 1988, RA. 2019	130	mg/l	--
11	Sulphide (as S)	IS: 3025 (P-29) : 2022 (Clause 6.0)	0.60	mg/l	2
12	Fecal Coliform	APHA 24th Edition 9221 C ,2023	33	MPN/100 ml	---

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

End of Report



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Sample Number : VTL/FD/01



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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/2509150001/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025

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 : 12/09/2025
Time of Monitoring : 10:00 TO 18:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°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	334.34	µg/m ³

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TEST REPORT

Sample Number : VTL/FD/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

Report No. : VTL/FD/2509150002/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

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/01
Coordinates : 25°20'2" & 74°32'42"
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/09/2025
Time of Monitoring : 10:30 TO 18:30 Hrs.
Ambient Temperature (°C) : Min. 25°C Max. 33°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	458.87	µg/m ³

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Sample Number : VTL/FD/03



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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/2509150003/A
Format No : 7.8 F-02
Party Reference No : NIL
Report Date : 20/09/2025
Period of Analysis : 15/09/2025-20/09/2025
Receipt Date : 15/09/2025

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 : 09/09/2025
Time of Monitoring : 10:00 TO 18:00 Hrs.
Ambient Temperature (°C) : Min. 24°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	474.13	µg/m3

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TEST REPORT

Sample Number : VTL/FD/04

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/2509150004/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

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 : 10/09/2025
 Time of Monitoring : 09:00 TO 17:00 Hrs.
 Ambient Temperature (°C) : Min. 25°C Max. 33°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	532.91	µg/m3

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TEST REPORT

Sample Number : VTL/FD/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

Report No. : VTL/FD/2509150005/A

Format No : 7.8 F-02

Party Reference No : NIL

Report Date : 20/09/2025

Period of Analysis : 15/09/2025-20/09/2025

Receipt Date : 15/09/2025

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/02
Coordinates : -
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 09/09/2025
Time of Monitoring : 10:00 TO 18:00 Hrs.
Ambient Temperature (°C) : Min. 24°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	527.55	µg/m ³

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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

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



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TEST REPORT

Report No. : VTL/N/2509150001/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 20/09/2025
Receipt Date : 15/09/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Pur Village
Instrument Code : VTL/SLM/01
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/09/2025 To 11/09/2025
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 33°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	50.6	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



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TEST REPORT

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

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

Report No. : VTL/N/2509150002/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 20/09/2025
Receipt Date : 15/09/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Samodi Village
Instrument Code : VTL/SLM/01
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 11/09/2025 To 12/09/2025
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 33°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°21'3" & 74°32'52"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	51.2	42.0

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.

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TEST REPORT

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

Sample Description : Ambient Noise Level Monitoring

Scope of Monitoring : Regulatory Requirement

Protocol Used : IS 9989

Instrument Used : SLM

Report No. : VTL/N/2509150003/A

Format No : 7.8 F-04

Party Reference No : NIL

Report Date : 20/09/2025

Receipt Date : 15/09/2025

Sampling Duration : 24 Hrs.

Sample Collected : VTL Team

Instrument : Calibrated

Calibration Status

General Information:-

Sampling Location : Suras Village

Instrument Code : VTL/SLM/02

Meteorological condition during monitoring : Clear Sky

Date of Monitoring : 11/09/2025 To 12/09/2025

Time of Monitoring : 06:00 TO 06:00 Hrs.

Ambient Temperature (°C) : Min. 24°C Max. 33°C

Surrounding Activity : Human, Vehicular & Other Act.

Parameter Required : As per work Order

Coordinates : 25°23'124" & 74°34'11"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA-2020	53.5	42.2

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.

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TEST REPORT

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

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

Report No. : VTL/N/2509150004/A
 Format No : 7.8 F-04
 Party Reference No : NIL
 Report Date : 20/09/2025
 Receipt Date : 15/09/2025
 Sampling Duration : 24 Hrs.
 Sample Collected : VTL Team
 Instrument : Calibrated
 Calibration Status

General Information:-

Sampling Location : Gandhisagar park
 Instrument Code : VTL/SLM/02
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 10/09/2025 To 11/09/2025
 Time of Monitoring : 06:00 TO 06:00 Hrs.
 Ambient Temperature (°C) : Min. 24°C Max. 33°C
 Surrounding Activity : Human, Vehicular & Other Act.
 Parameter Required : As per work Order
 Coordinates : 25°20'11" & 74°38'57"

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



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TEST REPORT

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

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

Report No. : VTL/N/2509150005/A
 Format No : 7.8 F-04
 Party Reference No : NIL
 Report Date : 20/09/2025
 Receipt Date : 15/09/2025
 Sampling Duration : 24 Hrs.
 Sample Collected : VTL Team
 Instrument : Calibrated
 Calibration Status

General Information:-

Sampling Location : Kanoli Village
 Instrument Code : VTL/SLM/03
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 10/09/2025 To 11/09/2025
 Time of Monitoring : 06:00 TO 06:00 Hrs.
 Ambient Temperature (°C) : Min. 24°C Max. 33°C
 Surrounding Activity : Human, Vehicular & Other Act.
 Parameter Required : As per work Order
 Coordinates : 25°20'11" & 74°38'57"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA-2020	48.2	38.5

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

- 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.
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TEST REPORT

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

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

Report No. : VTL/N/2509150006/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 20/09/2025
Receipt Date : 15/09/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Dhulkhera Village
Instrument Code : VTL/SLM/03
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 11/09/2025 To 12/09/2025
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 33°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°24'4" & 74°35'40"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	49.7	38.6

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.

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TEST REPORT

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/2509150007/A
 Format No : 7.8 F-04
 Party Reference No : NIL
 Report Date : 20/09/2025
 Receipt Date : 15/09/2025
 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/01
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 12/09/2025 To 13/09/2025
 Time of Monitoring : 06:00 TO 06:00 Hrs.
 Ambient Temperature (°C) : Min. 24°C Max. 32°C
 Surrounding Activity : Human, Vehicular & Other Act.
 Parameter Required : As per work Order
 Coordinates : 25°21'01" & 74°31'40"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	52.8	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.
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TEST REPORT

Sample Number : VTL/ANI/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 : Ambient Noise Level Monitoring
 Scope of Monitoring : Regulatory Requirement
 Protocol Used : IS 9989
 Instrument Used : SLM

Report No. : VTL/N/2509150008/A
 Format No : 7.8 F-04
 Party Reference No : NIL
 Report Date : 20/09/2025
 Receipt Date : 15/09/2025
 Sampling Duration : 24 Hrs.
 Sample Collected : VTL Team
 Instrument : Calibrated
 Calibration Status

General Information:-

Sampling Location : Raw material Storage yard
 Instrument Code : VTL/SLM/02
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 12/09/2025 To 13/09/2025
 Time of Monitoring : 06:00 TO 06:00 Hrs.
 Ambient Temperature (°C) : Min. 24°C Max. 32°C
 Surrounding Activity : Human, Vehicular & Other Act.
 Parameter Required : As per work Order
 Coordinates : 25°19'20" & 74°32'18"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	51.4	38.7

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.

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TEST REPORT

Sample Number : VTL/ANI/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 : Ambient Noise Level Monitoring
 Scope of Monitoring : Regulatory Requirement
 Protocol Used : IS 9989
 Instrument Used : SLM

Report No. : VTL/N/2509150009/A
 Format No : 7.8 F-04
 Party Reference No : NIL
 Report Date : 20/09/2025
 Receipt Date : 15/09/2025
 Sampling Duration : 24 Hrs.
 Sample Collected : VTL Team
 Instrument : Calibrated
 Calibration Status

General Information:-

Sampling Location : 10 mtr. Distance From Loading point Suras Pit
 Instrument Code : VTL/SLM/05
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 11/09/2025 To 12/09/2025
 Time of Monitoring : 06:00 TO 06:00 Hrs.
 Ambient Temperature (°C) : Min. 24°C Max. 32°C
 Surrounding Activity : Human, Vehicular & Other Act.
 Parameter Required : As per work Order
 Coordinates : 25°23'23" & 74°34'11"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	57.5	45.9

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.

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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

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



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TEST REPORT

Report No. : VTL/N/2509150010/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 20/09/2025
Receipt Date : 15/09/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : 10 mtr. Distance From Loading Dhulkheda Pit
Instrument Code : VTL/SLM/04
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 11/09/2025 To 12/09/2025
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°23'41" & 74°34'38"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA.2020	60.2	48.2

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.

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TEST REPORT

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

Report No. : VTL/N/2509150011/A

Format No : 7.8 F-04

Party Reference No : NIL

Report Date : 20/09/2025

Receipt Date : 15/09/2025

Sampling Duration : 24 Hrs.

Sample Collected : VTL Team

Instrument : Calibrated

Calibration Status

General Information:-

Sampling Location : 10 mtr. Distance From Loading Tiranga Pit
 Instrument Code : VTL/SLM/03
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 11/09/2025 To 12/09/2025
 Time of Monitoring : 06:00 TO 06:00 Hrs.
 Ambient Temperature (°C) : Min. 24°C Max. 32°C
 Surrounding Activity : Human, Vehicular & Other Act.
 Parameter Required : As per work Order
 Coordinates : 25°19'20" & 74°32'18"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	61.1	49.3

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

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TEST REPORT

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

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

Report No. : VTL/N/2509150012/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 20/09/2025
Receipt Date : 15/09/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Nr. Central Store/ Tata Blue Shed
Instrument Code : VTL/SLM/04
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 12/09/2025 To 13/09/2025
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°19'9" & 74°32'10"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	56.5	43.9

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
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VIBRANT

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

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/2509150013/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 20/09/2025
Receipt Date : 15/09/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Nr. Crusher (CCR Building)
Instrument Code : VTL/SLM/05
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 12/09/2025 To 13/09/2025
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°19'16" & 74°32'11"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	61.8	49.2

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

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VIBRANT

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- Bhiwara Rajasthan

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



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TEST REPORT

Report No. : VTL/N/2509150014/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 20/09/2025
Receipt Date : 15/09/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Filter Fresh Building
Instrument Code : VTL/SLM/06
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 12/09/2025 To 13/09/2025
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°19'08" & 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	41.9

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.

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TEST REPORT

Sample Number : VTL/AN/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- Bhiwara Rajasthan

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

Report No. : VTL/N/2509150015/A
 Format No : 7.8 F-04
 Party Reference No : NIL
 Report Date : 20/09/2025
 Receipt Date : 15/09/2025
 Sampling Duration : 24 Hrs.
 Sample Collected : VTL Team
 Instrument : Calibrated
 Calibration Status

General Information:-

Sampling Location : Nr. BFN CCR Building
 Instrument Code : VTL/SLM/07
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 12/09/2025 To 13/09/2025
 Time of Monitoring : 06:00 TO 06:00 Hrs.
 Ambient Temperature (°C) : Min. 24°C Max. 32°C
 Surrounding Activity : Human, Vehicular & Other Act.
 Parameter Required : As per work Order
 Coordinates : 25°19'10" & 74°32'18"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	62.8	46.2

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.

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VIBRANT

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



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TEST REPORT

Report No. : VTL/N/2509150016/A
Format No : 7.8 F-04
Party Reference No : NIL
Report Date : 20/09/2025
Receipt Date : 15/09/2025
Sampling Duration : 24 Hrs.
Sample Collected : VTL Team
Instrument : Calibrated
Calibration Status

General Information:-

Sampling Location : Lake View Lawn
Instrument Code : VTL/SLM/04
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 10/09/2025 To 11/09/2025
Time of Monitoring : 06:00 TO 06:00 Hrs.
Ambient Temperature (°C) : Min. 24°C Max. 32°C
Surrounding Activity : Human, Vehicular & Other Act.
Parameter Required : As per work Order
Coordinates : 25°19'10" & 74°32'18"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	54.2	41.9

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.

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TEST REPORT

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

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

Report No. : VTL/N/2509150017/A
 Format No : 7.8 F-04
 Party Reference No : NIL
 Report Date : 20/09/2025
 Receipt Date : 15/09/2025
 Sampling Duration : 24 Hrs.
 Sample Collected : VTL Team
 Instrument : Calibrated
 Calibration Status

General Information:-

Sampling Location : Temple Area
 Instrument Code : VTL/SLM/06
 Meteorological condition during monitoring : Clear Sky
 Date of Monitoring : 11/09/2025 To 12/09/2025
 Time of Monitoring : 06:00 TO 06:00 Hrs.
 Ambient Temperature (°C) : Min. 24°C Max. 32°C
 Surrounding Activity : Human, Vehicular & Other Act.
 Parameter Required : As per work Order
 Coordinates : 25°18'56" & 74°32'10"

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Noise Level (Leq)	IS 9989 - 1981 RA:2020	54.1	45.6

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.
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TEST REPORT

Sample Number:
Name & Address of the Party:

VTL/WL/01-08
M/s Jindal Saw Ltd.
Dhedwas Iron Ore Mines & Mineral
Benefication Plant (ML No.:-631/05),
Tiranga Hill, Village- Pur, Tehsil &
District- Bhilwara, Rajasthan.
VTL Team
Ground Water Level Monitoring

Report No.:
Format No.:
Party Reference No.:
Report Date:

VTL/WL/ 2509150001-8/B
7.8 F-01
NIL
20/09/2025

Sample Collected By
Sample Description:

Receipt Date:
Date of Monitoring

15/09/2025
10/09/2025

S.No.	Location	Depth (In meter)
1.	Piezometer Well No.-01 (Nr. Tailing Filter Press)	24.7
2.	Piezometer Well No.-02 (OB Dump Yard Nr. Gate No.-5)	7.8
3.	Piezometer Well No.-03 (Old Mines Office- Suras)	12.8
4.	Piezometer Well No.-04 (OB Dump Yard - Suras Mines)	9.8
5.	Piezometer Well No.-05 (Nr. Weigh Bridge- Dhulkheda-N)	5.8
6.	Piezometer Well No.-06 (Nr. OB Dump Yard- Dhulkheda-N)	10.2
7.	Piezometer Well No.-07 (Nr. Mines Office- Dhulkheda-S)	6.1
8.	Piezometer Well No.-08 (Nr. OB Dump Yard- Dhulkheda-S)	4.8

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