



TEAM TEST HOUSE
(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

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ISO 9001:2008

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JDA/UDH

Office : E-65, Chitrangan Marg,
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Web : www.teamtesthouse.com

TEST REPORT

Lab.: G1-584, Sitapura Industrial Area
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Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
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Report No. : A/630
Job Identification. : 2075/16-17
Date : 28-06-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 05-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 28-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Dariba Village (Hariram House)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	200	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.58	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	319.53	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	21.82	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	8.19	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	72.96	IS 5182 (Part 23)	100.00

Notes :-

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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Purnan Maheshwari
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: A/630)



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TEST REPORT

Report No: A/622
Job Identification.: 2067/16-17
Date : 12-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 04-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 28-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Single Mill Area BFN Plant

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	320	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.68	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	288.42	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	32.99	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	12.17	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	83.66	IS 5182 (Part 23)	100.00

Notes :-

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Puran
Puran Mahyodi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: A/622)



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TEST REPORT

Lab.: G1-584, Sitapura Industrial Area
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E-mail : teamtesthouse@gmail.com
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Report No. : A/621
Job Identification. : 2066/16-17
Date : 28-06-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 03-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 28-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Mines Workshop (Near CIL Camp)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	470	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	19.13	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	397.63	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	39.73	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	9.53	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	96.74	IS 5182 (Part 23)	100.00

Notes :-

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Purnan Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: A/621)



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TEST REPORT

Report No. : A/623
Job Identification. : 2068/16-17
Date : 28-06-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 06-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 28-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Gandhi sagar village

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	230	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	15.7	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	304.1	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	31.3	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.44	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	78.11	IS 5182 (Part 23)	100.00

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Puran Manjogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/623)



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TEST REPORT

Report No: A/624
Job Identification. : 2069/16-17
Date : 28-06-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 06-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 28-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Kanoli Village (Kuldeep singh house -On Roof)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	260	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	9.53	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	206.35	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	25.17	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.53	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	62.67	IS 5182 (Part 23)	100.00

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Puran Maurya
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/624)



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TEST REPORT

Report No: A/625
Job Identification: 2070/16-17
Date: 28-06-2016
Issued To: M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 03-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 28-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Pur Village (Ram Lal House)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	290	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.03	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	355.18	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	39.58	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	10.13	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	78.37	IS 5182 (Part 23)	100.00

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Puran Mahtogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/625)



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TEST REPORT

Report No: A/626
Job Identification : 2071/16-17
Date : 28-06-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 02-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 28-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Tiranga Pit (Mining Face)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	420	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	17.98	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	289.13	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	40.66	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	11.82	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	83.53	IS 5182 (Part 23)	100.00

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Purnan Maheshwari
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: A/626)



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TEST REPORT

Report No: **A/627**
Job Identification : **2072/16-17**
Date : **28-06-2016**
Issued To : **M/S Jindal Saw Limited (Dhedwas Mines)**
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No. 9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara District-Bhilwara 311802 (Rajasthan)
Type of Unit : **Mines**
Type of Sample : **Ambient Air Quality Monitoring**
Date of Sample Collection/Monitoring : **02-06-2016**
Date of Sample Receipt : **10-06-2016**
Date of Test : **10-06-2016 to 28-06-2016**
Sample Collected By : **Darwesh Kumar**
Point of Collection : **Samodi Village (Near Hanuman Ji Ka Mandir)**

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	10.47	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	255.76	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	31.95	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.4	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	74.91	IS 5182 (Part 23)	100.00

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Purnan MaYogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: A/627)



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TEST REPORT

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E-mail : director@teamtesthouse.com

Job Identification :

A/629

2074/16-17

Date :

28-06-2016

Issued To :

M/S Jindal Saw Limited (Dhedwas Mines)

Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.

9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara

District-Bhilwara 311802 (Rajasthan)

Type of Unit :

Mines

Type of Sample :

Ambient Air Quality Monitoring

Date of Sample Collection/Monitoring :

05-06-2016

Date of Sample Receipt :

10-06-2016

Date of Test :

10-06-2016 to 28-06-2016

Sample Collected By :

Darwesh Kumar

Point of Collection :

Dhulkhera Pit

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	340	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	12.71	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	251.83	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	25.86	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.96	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	83.24	IS 5182 (Part 23)	100.00

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Purnan Mal Jogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/629)



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Report No. : A/628
Job Identification. : 2073/16-17
Date : 12-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 04-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 28-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Suras Pit (Near Dhaba)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	250	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	13.55	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	238.07	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	25.59	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.42	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	69.74	IS 5182 (Part 23)	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: A/628)



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Report No: A/698
Job Identification.: 2930/16-17
Date : 08-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 27-06-2016
Date of Sample Receipt : 04-07-2016
Date of Test : 04-07-2016 to 07-07-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Samodi Village Roof of Shri Bheru Lal Jahir

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	190	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	14.13	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	278.11	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	29.79	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.19	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	73.91	IS 5182 (Part 23)	100.00

Notes :-

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Pritan Mehta
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/698)



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TEST REPORT

Lab.: G1-584, Sitapura Industrial Area
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Ph: 94602-22039, 94602-22049
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E-mail : director@teamtesthouse.com

Report No: A/697
 Job Identification.: 2929/16-17
 Date : 08-07-2016
 Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
 Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
 9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
 District-Bhilwara 311802.(Rajasthan)
 Type of Unit : Mines
 Type of Sample : Ambient Air Quality Monitoring
 Date of Sample Collection/Monitoring : 28-06-2016
 Date of Sample Receipt : 04-07-2016
 Date of Test : 04-07-2016 to 07-07-2016
 Sample Collected By : Darwesh Kumar
 Point of Collection : Dhulkhera Village Roof of Shri Ratan Lal Mali

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	360	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.07	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	295.85	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM2.5) [microgram/m3]	35.85	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	5.97	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m3]	61.48	IS 5182 (Part 23)	100.00

Notes :-

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Puranga
Puranga Mali Yogi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: A/697)



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TEST REPORT

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Report No: A/696
Job Identification.: 2928/16-17
Date : 08-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 28-06-2016
Date of Sample Receipt : 04-07-2016
Date of Test : 04-07-2016 to 07-07-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Suras Pit Near Dhaba

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	390	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	14.19	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	249.73	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	31.3	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	7.17	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	76.89	IS 5182 (Part 23)	100.00

Notes :-

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Purnima Puran Mal Vogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/696)



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TEST REPORT

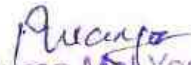
Report No: A/695
Job Identification : 2927/16-17
Date : 08-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Ambient Air Quality Monitoring
Date of Sample Collection/Monitoring : 27-06-2016
Date of Sample Receipt : 04-07-2016
Date of Test : 04-07-2016 to 07-07-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Tiranga Pit (Mining Area)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	380	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	17.06	IS 5182 (Part 6) : 2006	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	311.08	IS 5182 (Part 4) : 1999	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	29.53	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	9.04	IS 5182 (Part 2) : 2001	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	70.39	IS 5182 (Part 23)	100.00

Notes :-

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Pawan Maheshwari
Senior Analyst


Rajesh Maheshwari
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(Report No: A/695)



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TEST REPORT

Report No : W/413
Date : 15/07/2016
Issued to : M/s Jindal Saw Limited,
Dhedwas Iron Ore Copper & Associated Minerals Mines
Araji No. 9697/6711 Near Tiranga Hills Village: Pur,
Tehsil & District Bhilwara - 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Water Level Measurement
Date of Measurement : 08/06/2016 & 09/06/2016
Date of Test : 13/06/2016
Water Level Measured By : Mr. Darwesh Kumar

RESULTS

S.No	Location	Water Level in Meters (bmp)
1	Peizometer No.1	21.4
2	Peizometer No.2	17.2
3	Peizometer No.3	Dry
4	Peizometer No.4	11.6
5	Peizometer No.5	5.9
6	Peizometer No.6	20.5
7	Peizometer No.7	13.4
8	Peizometer No.8	12.1

Note: -

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VISHWAS RAWAL
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: W/413)



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TEST REPORT

Report No. : W/NABL/328
Job Identification. : 2205/16-17
Date : 04-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)

Type of Unit : Mines
Type of Sample : Potable and Domestic Water
Date of Sample Collection/Monitoring : 09-06-2016
Date of Sample Receipt : 13-06-2016
Date of Test : 13-06-2016 to 04-07-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Piezometer Well No. 1

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983
2	Odour	Agreeable	IS 3025 (Part 5) : 1983
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984
5	pH	7.40	IS 3025 (Part 11) : 1984
6	Hardness (total) [mg/l]	590	IS 3025 (Part 21) : 1983
7	Iron [mg/l]	0.05	IS 3025 (Part 53) : 2003
8	Chloride [mg/l]	617.11	IS 3025 (Part 32) : 1988
9	Total Dissolved Solids [mg/l]	2030	IS 3025 (Part 16) : 1984
10	Calcium [mg/l]	148	IS 3025 (Part 40) : 1991
11	Magnesium [mg/l]	53.46	IS 3025 (Part 46) : 1994
12	Copper [mg/l]	0.02	IS 3025 (Part 42) : 1992
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)
14	Sulphate [mg/l]	275.00	IS 3025 (Part 24) : 1986
15	Nitrate [mg/l]	29.21	IS 3025 (Part 34) : 1988

Note:

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Rajan



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E-mail : director@teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
16	Fluoride [mg/l]	0.77	IS 3025 (Part 60)
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988
19	Lead [mg/l]	0.01	IS 3025 (Part 47) : 1994
20	Zinc [mg/l]	0.24	IS 3025 (Part 49) : 1994
21	Alkalinity - T [mg/l]	260	IS 3025 (Part 23) : 1986
22	Aluminum [mg/l]	BDL (<0.01)	IS 3025 (Part 55) : 2003
23	Boron [mg/l]	0.36	IS 13428 (Annexure H)
24	Suspended Solids [mg/l]	14	IS 3025 (part 15) : 1984
25	Total Chromium [mg/l]	BDL(<0.01)	APHA :2012 :3111- B
26	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986
27	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003
28	Nickel [mg/l]	0.04	IS 3025 (Part 54) : 2003

Notes :-

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Rajesh Maheshwari
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/328.)



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TEST REPORT

Report No. : W/NABL/329
Job Identification. : 2206/16-17
Date : 04-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)

Type of Unit : Mines
Type of Sample : Potable and Domestic Water
Date of Sample Collection/Monitoring : 09-06-2016
Date of Sample Receipt : 13-06-2016
Date of Test : 13-06-2016 to 04-07-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Piezometer Well No. 2 (Plant Gate No.6)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983
2	Odour	Agreeable	IS 3025 (Part 5) : 1983
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984
5	pH	7.16	IS 3025 (Part 11) : 1984
6	Hardness (total) [mg/l]	544	IS 3025 (Part 21) : 1983
7	Iron [mg/l]	0.04	IS 3025 (Part 53) : 2003
8	Chloride [mg/l]	289.27	IS 3025 (Part 32) : 1988
9	Total Dissolved Solids [mg/l]	1107	IS 3025 (Part 16) : 1984
10	Calcium [mg/l]	142.4	IS 3025 (Part 40) : 1991
11	Magnesium [mg/l]	45.68	IS 3025 (Part 46) : 1994
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)
14	Sulphate [mg/l]	180.04	IS 3025 (Part 24) : 1986
15	Nitrate [mg/l]	BDL(<1.0)	IS 3025 (Part 34) : 1988

Note:

Continue to next page...

Rajan



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RESULTS

S.No	Parameters	Observed Value	Testing Protocol
16	Fluoride [mg/l]	0.72	IS 3025 (Part 60)
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988
19	Lead [mg/l]	0.01	IS 3025 (Part 47) : 1994
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994
21	Alkalinity - T [mg/l]	408	IS 3025 (Part 23) : 1986
22	Aluminum [mg/l]	BDL (<0.01)	IS 3025 (Part 55) : 2003
23	Boron [mg/l]	0.46	IS 13428 (Annexure H)
24	Suspended Solids [mg/l]	60	IS 3025 (part 15) : 1984
25	Total Chromium [mg/l]	BDL(<0.01)	APHA :2012 :3111- B
26	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986
27	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003
28	Nickel [mg/l]	BDL (<0.01)	IS 3025 (Part 54) : 2003

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Ramesh
Ramesh Maheshwari
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/329)



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TEST REPORT

Report No. : W/NABL/331
 Job Identification. : 2208/16-17
 Date : 04-07-2016
 Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
 Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
 9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
 District-Bhilwara 311802 (Rajasthan)
 Type of Unit : Mines
 Type of Sample : Potable and Domestic Water
 Date of Sample Collection/Monitoring : 08-06-2016
 Date of Sample Receipt : 13-06-2016
 Date of Test : 13-06-2016 to 04-07-2016
 Sample Collected By : Darwesh Kumar
 Point of Collection : Piezometer Well No.4 (Suras Mine)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983
2	Odour	Agreeable	IS 3025 (Part 5) : 1983
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984
5	pH	7.40	IS 3025 (Part 11) : 1984
6	Hardness (total) [mg/l]	388	IS 3025 (Part 21) : 1983
7	Iron [mg/l]	0.26	IS 3025 (Part 53) : 2003
8	Chloride [mg/l]	250.7	IS 3025 (Part 32) : 1988
9	Total Dissolved Solids [mg/l]	1527	IS 3025 (Part 16) : 1984
10	Calcium [mg/l]	132.8	IS 3025 (Part 40) : 1991
11	Magnesium [mg/l]	13.61	IS 3025 (Part 46) : 1994
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992
13	Manganese [mg/l]	0.03	IS 3025 (Part 59)
14	Sulphate [mg/l]	225.01	IS 3025 (Part 24) : 1986
15	Nitrate [mg/l]	17.92	IS 3025 (Part 34) : 1988

Note:

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Bajen



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E-mail: director@teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
16	Fluoride [mg/l]	0.64	IS 3025 (Part 60)
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994
21	Alkalinity - T [mg/l]	364	IS 3025 (Part 23) : 1986
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003
23	Boron [mg/l]	0.23	IS 13428 (Annexure H)
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984
26	Total Chromium [mg/l]	BDL(<0.01)	APHA :2012 :3111- B
27	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986
28	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003
29	Nickel [mg/l]	0.02	IS 3025 (Part 54) : 2003

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Rajesh Mohabhyan
Rajesh Mohabhyan
Senior Analyst

Rajesh Mohabhyan
Rajesh Mohabhyan
Authorized Signatory
(Report No: W/NABL/331)



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(Unit of Team Institute of Science & Technology Pvt. Ltd.)



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Tonk Road, JAIPUR-302022 Raj.
Ph : 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/332
Job Identification. : 2209/16-17
Date : 04-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Potable and Domestic Water
Date of Sample Collection/Monitoring : 08-06-2016
Date of Sample Receipt : 13-06-2016
Date of Test : 13-06-2016 to 04-07-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Piezometer Well No.5

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983
2	Odour	Agreeable	IS 3025 (Part 5) : 1983
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984
5	pH	7.35	IS 3025 (Part 11) : 1984
6	Hardness (total) [mg/l]	460	IS 3025 (Part 21) : 1983
7	Iron [mg/l]	0.09	IS 3025 (Part 53) : 2003
8	Chloride [mg/l]	491.76	IS 3025 (Part 32) : 1988
9	Total Dissolved Solids [mg/l]	1926	IS 3025 (Part 16) : 1984
10	Calcium [mg/l]	104	IS 3025 (Part 40) : 1991
11	Magnesium [mg/l]	48.6	IS 3025 (Part 46) : 1994
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)
14	Sulphate [mg/l]	380.02	IS 3025 (Part 24) : 1986
15	Nitrate [mg/l]	29.36	IS 3025 (Part 34) : 1988

Note:

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E-mail : testhouse@gmail.com

E-mail : director@teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
16	Fluoride [mg/l]	1.43	IS 3025 (Part 60) : 1992
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992
18	Arsenic [mg/l]	BDL (<0.001)	IS 3025 (Part 37) : 1988
19	Lead [mg/l]	0.01	IS 3025 (Part 47) : 1994
20	Zinc [mg/l]	BDL (<0.01)	IS 3025 (Part 49) : 1994
21	Alkalinity - T [mg/l]	500	IS 3025 (Part 23) : 1986
22	Aluminum [mg/l]	BDL (<0.01)	IS 3025 (Part 55) : 2003
23	Boron [mg/l]	0.55	IS 13428 (Annexure H)
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984
26	Total Chromium [mg/l]	0.01	APHA :2012 :3111- B
27	Free Residual Chlorine [mg/l]	BDL (<0.1)	IS 3025 (Part 26) : 1986
28	selenium [mg/l]	BDL (<0.01)	IS 3025 (Part 56) : 2003
29	Nickel [mg/l]	0.06	IS 3025 (Part 54) : 2003

Notes :-

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Purandhar
Purandhar Yogi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/332)



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TEST REPORT

Report No. : W/NABL/333
 Job Identification. : 2210/16-17
 Date : 04-07-2016
 Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
 Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
 9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
 District-Bhilwara 311802 (Rajasthan)
 Type of Unit : Mines
 Type of Sample : Potable and Domestic Water
 Date of Sample Collection/Monitoring : 08-06-2016
 Date of Sample Receipt : 13-06-2016
 Date of Test : 13-06-2016 to 04-07-2016
 Sample Collected By : Darwesh Kumar
 Point of Collection : Piezometer Well No.6 (Dhulkhera Mine)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983
2	Odour	Agreeable	IS 3025 (Part 5) : 1983
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984
5	pH	7.36	IS 3025 (Part 11) : 1984
6	Hardness (total) [mg/l]	600	IS 3025 (Part 21) : 1983
7	Iron [mg/l]	0.12	IS 3025 (Part 53) : 2003
8	Chloride [mg/l]	144.64	IS 3025 (Part 32) : 1988
9	Total Dissolved Solids [mg/l]	993	IS 3025 (Part 16) : 1984
10	Calcium [mg/l]	136	IS 3025 (Part 40) : 1991
11	Magnesium [mg/l]	63.18	IS 3025 (Part 46) : 1994
12	Copper [mg/l]	0.01	IS 3025 (Part 42) : 1992
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)
14	Sulphate [mg/l]	70.01	IS 3025 (Part 24) : 1986
15	Nitrate [mg/l]	35.01	IS 3025 (Part 34) : 1988

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RESULTS

S.No	Parameters	Observed Value	Testing Protocol
16	Fluoride [mg/l]	0.60	IS 3025 (Part 60)
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994
21	Alkalinity - T [mg/l]	480	IS 3025 (Part 23) : 1986
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003
23	Boron [mg/l]	0.29	IS 13428 (Annexure H)
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984
26	Total Chromium [mg/l]	BDL (<0.01)	APHA :2012 :3111- B
27	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986
28	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003
29	Nickel [mg/l]	0.03	IS 3025 (Part 54) : 2003

Notes :-

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Puran Mal Yogi
Senior Analyst

Rajesh Mishra
Authorized Signatory
(Report No: W/NABL/333)



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TEST REPORT

Report No. : W/NABL/334
 Job Identification : 2211/16-17
 Date : 04-07-2016
 Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
 Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
 9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
 District-Bhilwara 311802 (Rajasthan)
 Type of Unit : Mines
 Type of Sample : Potable and Domestic Water
 Date of Sample Collection/Monitoring : 08-06-2016
 Date of Sample Receipt : 13-06-2016
 Date of Test : 13-06-2016 to 04-07-2016
 Sample Collected By : Darwesh Kumar
 Point of Collection : Piezometer Well No.7

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983
2	Odour	Agreeable	IS 3025 (Part 5) : 1983
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984
5	pH	7.70	IS 3025 (Part 11) : 1984
6	Hardness (total) [mg/l]	308	IS 3025 (Part 21) : 1983
7	Iron [mg/l]	0.31	IS 3025 (Part 53) : 2003
8	Chloride [mg/l]	134.99	IS 3025 (Part 32) : 1988
9	Total Dissolved Solids [mg/l]	771	IS 3025 (Part 16) : 1984
10	Calcium [mg/l]	67.2	IS 3025 (Part 40) : 1991
11	Magnesium [mg/l]	34.02	IS 3025 (Part 46) : 1994
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)
14	Sulphate [mg/l]	68.00	IS 3025 (Part 24) : 1986
15	Nitrate [mg/l]	1.58	IS 3025 (Part 34) : 1988

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RESULTS

S.No	Parameters	Observed Value	Testing Protocol
16	Fluoride [mg/l]	1.46	IS 3025 (Part 60)
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992
18	Arsenic [mg/l]	BDL (<0.001)	IS 3025 (Part 37) : 1988
19	Lead [mg/l]	BDL (<0.01)	IS 3025 (Part 47) : 1994
20	Zinc [mg/l]	BDL (<0.01)	IS 3025 (Part 49) : 1994
21	Alkalinity - T [mg/l]	350	IS 3025 (Part 23) : 1986
22	Aluminum [mg/l]	0.01	IS 3025 (Part 55) : 2003
23	Boron [mg/l]	0.40	IS 13428 (Annexure H)
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002
25	Suspended Solids [mg/l]	Less than 1.0	IS 3025 (part 15) : 1984
26	Total Chromium [mg/l]	BDL (<0.01)	APHA :2012 :3111- B
27	Free Residual Chlorine [mg/l]	BDL (<0.1)	IS 3025 (Part 26) : 1986
28	selenium [mg/l]	BDL (<0.01)	IS 3025 (Part 56) : 2003
29	Nickel [mg/l]	BDL (<0.01)	IS 3025 (Part 54) : 2003

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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwan
Authorized Signatory
(Report No: W/NABL/334)



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TEST REPORT

Report No. : W/NABL/335
 Job Identification. : 2212/16-17
 Date : 04-07-2016
 Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
 Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
 9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
 District-Bhilwara 311802 (Rajasthan)
 Type of Unit : Mines
 Type of Sample : Potable and Domestic Water
 Date of Sample Collection/Monitoring : 08-06-2016
 Date of Sample Receipt : 13-06-2016
 Date of Test : 13-06-2016 to 04-07-2016
 Sample Collected By : Darwesh Kumar
 Point of Collection : Piezometer Well No.8

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983
2	Odour	Agreeable	IS 3025 (Part 5) : 1983
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984
4	Turbidity [NTU]	2.12	IS 3025 (Part 10) : 1984
5	pH	7.09	IS 3025 (Part 11) : 1984
6	Hardness (total) [mg/l]	440	IS 3025 (Part 21) : 1983
7	Iron [mg/l]	0.16	IS 3025 (Part 53) : 2003
8	Chloride [mg/l]	73.28	IS 3025 (Part 32) : 1988
9	Total Dissolved Solids [mg/l]	769	IS 3025 (Part 16) : 1984
10	Calcium [mg/l]	97.6	IS 3025 (Part 40) : 1991
11	Magnesium [mg/l]	47.63	IS 3025 (Part 46) : 1994
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)
14	Sulphate [mg/l]	155.03	IS 3025 (Part 24) : 1986
15	Nitrate [mg/l]	25.32	IS 3025 (Part 34) : 1988

Note:

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RESULTS

S.No.	Parameters	Observed Value	Testing Protocol
16	Fluoride [mg/l]	1.28	IS 3025 (Part 60)
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992
18	Arsenic [mg/l]	BDL (<0.001)	IS 3025 (Part 37) : 1988
19	Lead [mg/l]	BDL (<0.01)	IS 3025 (Part 47) : 1994
20	Zinc [mg/l]	BDL (<0.01)	IS 3025 (Part 49) : 1994
21	Alkalinity - T [mg/l]	324	IS 3025 (Part 23) : 1986
22	Aluminum [mg/l]	0.02	IS 3025 (Part 55) : 2003
23	Boron [mg/l]	0.36	IS 13428 (Annexure H)
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002
25	Suspended Solids [mg/l]	23	IS 3025 (part 15) : 1984
26	Total Chromium [mg/l]	0.01	APHA : 2012 : 3111- B
27	Free Residual Chlorine [mg/l]	BDL (<0.1)	IS 3025 (Part 26) : 1986
28	selenium [mg/l]	BDL (<0.01)	IS 3025 (Part 56) : 2003
29	Nickel [mg/l]	0.03	IS 3025 (Part 54) : 2003

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Ranjana
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory

(Report No: W/NABL/335)



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TEST REPORT

Report No : WW/NABL/309
 Job Identification : 2052/16-17
 Date : 02/07/2016
 Issued to : M/s. Jindal Saw Limited
 Dhedwas Iron Ore Copper & Associated Minerals
 Mines , Araj no. 9697/6711 Near Tiranga Hills
 Village - Pur Tehsil & District – Bhilwara – 311802

Type of Unit : Mines
 Type of Sample : Waste Water
 Collected by : Mr. Darwesh Kumar
 Date of Sample Collection : 03/06/2016
 Date of Received : 04/06/2016
 Date of Test : 04/06/2016 to 13/06/2016
 Point of Collection : Tailing Pond Recycling Water

RESULTS

S. No	Parameters	Units	Observed Value
1.	Colour	Hazen	20
2.	pH	-	7.48
3.	Total Suspended Solids	mg/l	31
4.	Oil & Grease mg/l	mg/l	3
5.	Biochemical Oxygen Demand (3 days at 27 ^o C)	mg/l	14.67
6.	Chemical Oxygen Demand	mg/l	58.93
7.	Dissolved Oxygen	mg/l	6.9
8.	Ammonical Nitrogen as NH ₄ -N	mg/l	7.84
9.	Total Kjeldahal Nitrogen as N	mg/l	13.4
10.	Free Ammonia as NH ₃	mg/l	0.71
11.	Nitrate Nitrogen as NO ₃ -N	mg/l	7.94
12.	Total Residual Chlorine	mg/l	BDL (< 0.1)
13.	Fluoride	mg/l	1.62
14.	Total Dissolved Solid (TDS)	mg/l	3017
15.	Total Phosphate as PO ₄ -P	mg/l	3.21
16.	Sulphide as S	mg/l	0.65
17.	Phenolic Compound	mg/l	BDL(<0.0001)
18.	Arsenic as As	mg/l	BDL(<0.01)
19.	Mercury as Hg	mg/l	BDL(<0.001)
20.	Lead as Pb	mg/l	0.05
21.	Cadmium as Cd	mg/l	BDL (< 0.001)
22.	Copper as Cu	mg/l	0.13
23.	Zinc as Zn	mg/l	1.25
24.	Selenium as Se	mg/l	BDL(<0.01)
25.	Nickel as Ni	mg/l	0.04
26.	Cynide as CN	mg/l	BDL(<0.01)
27.	Manganese as Mn	mg/l	0.13
28.	Iron as Fe	mg/l	0.20

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Puranjit
Puranjot
Senior Analyst

Basim
Authorized Signatory
(Report No. WW/NABL/309)



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TEST REPORT

Report No	: WW/NABL/310
Job Identification	: 2053/16-17
Date	: 02/07/2016
Issued to	: M/s. Jindal Saw Limited Dhedwas Iron Ore Copper & Associated Minerals Mines, Araj no. 9697/6711 Near Tiranga Hills Village - Pur Tehsil & District - Bhilwara - 311802
Type of Unit	: Mines
Type of Sample	: Waste Water
Collected by	: Mr. Darwesh Kumar
Date of Sample Collection	: 03/06/2016
Date of Received	: 04/06/2016
Date of Test	: 04/06/2016 to 13/06/2016
Point of Collection	: STP Water Reservoir

RESULTS

S. No	Parameters	Units	Observed Value
1.	Colour	Hazen	30
2.	pH	-	8.20
3.	Total Suspended Solids	mg/l	30
4.	Oil & Grease mg/l	mg/l	6
5.	Biochemical Oxygen Demand (3 days at 27 ^o C)	mg/l	12.67
6.	Chemical Oxygen Demand	mg/l	67.35
7.	Dissolved Oxygen	mg/l	4.8
8.	Ammonical Nitrogen as NH ₄ -N	mg/l	3.6
9.	Total Kjeldahal Nitrogen as N	mg/l	8.96
10.	Free Ammonia as NH ₃	mg/l	0.52
11.	Nitrate Nitrogen as NO ₃ -N	mg/l	8.12
12.	Total Residual Chlorine	mg/l	BDL (<0.1)
13.	Fluoride	mg/l	1.68
14.	Total Dissolved Solid (TDS)	mg/l	3318
15.	Total Phosphate as PO ₄ -P	mg/l	2.70
16.	Sulphide as S	mg/l	0.87
17.	Phenolic Compound	mg/l	0.16
18.	Arsenic as As	mg/l	BDL (<0.01)
19.	Mercury as Hg	mg/l	BDL (<0.001)
20.	Lead as Pb	mg/l	0.18
21.	Cadmium as Cd	mg/l	BDL (< 0.01)
22.	Copper as Cu	mg/l	0.21
23.	Zinc as Zn	mg/l	1.26
24.	Selenium as Se	mg/l	BDL (<0.01)
25.	Nickel as Ni	mg/l	0.07
26.	Cynide as CN	mg/l	BDL (<0.01)
27.	Manganese as Mn	mg/l	0.13
28.	Iron as Fe	mg/l	0.22

Note: -

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3. The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Puranga
Puranga
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: WW/NABL/310)



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E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No	: WW/NABL/308
Job Identification	: 2051/16-17
Date	: 02/07/2016
Issued to	: M/s. Jindal Saw Limited Dhedwas Iron Ore Copper & Associated Minerals Mines, Araji no. 9697/6711 Near Tiranga Hills Village - Pur Tehsil & District - Bhilwara - 311802
Type of Unit	: Mines
Type of Sample	: Waste Water
Collected by	: Mr. Darwesh Kumar
Date of Sample Collection	: 03/06/2016
Date of Received	: 04/06/2016
Date of Test	: 04/06/2016 to 13/06/2016
Point of Collection	: Tailing Filter Press Recycling

RESULTS

S. No	Parameters	Units	Observed Value
1.	Colour	Hazen	20
2.	pH	-	7.56
3.	Total Suspended Solids	mg/l	25
4.	Oil & Grease mg/l	mg/l	4
5.	Biochemical Oxygen Demand (3 days at 27°C)	mg/l	14.33
6.	Chemical Oxygen Demand	mg/l	49.11
7.	Dissolved Oxygen	mg/l	5.6
8.	Ammonical Nitrogen as NH ₄ -N	mg/l	4.7
9.	Total Kjeldahal Nitrogen as N	mg/l	16.4
10.	Free Ammonia as NH ₃	mg/l	1.85
11.	Nitrate Nitrogen as NO ₃ -N	mg/l	8.08
12.	Total Residual Chlorine	mg/l	BDL (< 0.1)
13.	Fluoride	mg/l	1.36
14.	Total Dissolved Solid (TDS)	mg/l	2639
15.	Total Phosphate as PO ₄ -P	mg/l	3.69
16.	Sulphide as S	mg/l	0.41
17.	Phenolic Compound	mg/l	BDL(<0.0001)
18.	Arsenic as As	mg/l	BDL(<0.01)
19.	Mercury as Hg	mg/l	BDL(<0.001)
20.	Lead as Pb	mg/l	0.13
21.	Cadmium as Cd	mg/l	BDL (< 0.001)
22.	Copper as Cu	mg/l	0.17
23.	Zinc as Zn	mg/l	0.86
24.	Selenium as Se	mg/l	BDL(<0.01)
25.	Nickel as Ni	mg/l	0.04
26.	Cynide as CN	mg/l	BDL(<0.01)
27.	Manganese as Mn	mg/l	0.12
28.	Iron as Fe	mg/l	0.22

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Puran Maklogi
Puran Maklogi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
Authorized Signatory
(Report No: WW/NABL/308)



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E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/316
Job Identification. : 1912/16-17
Date : 02-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Potable and Domestic Water
Date of Sample Collection/Monitoring : 01-06-2016
Date of Sample Receipt : 09-06-2016
Date of Test : 09-06-2016 to 30-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Dariba Village (Govt. Tubewell Water-Aruvedic Dispansary)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984	1.00	5.00
5	pH	7.34	IS 3025 (Part 11) : 1984	6.50 - 8.50	-
6	Hardness (total) [mg/l]	468	IS 3025 (Part 21) : 1983	200.00	600.00
7	Iron [mg/l]	0.05	IS 3025 (Part 53) : 2003	0.3	-
8	Chloride [mg/l]	119.57	IS 3025 (Part 32) : 1988	250.00	1000.00
9	Total Dissolved Solids [mg/l]	933	IS 3025 (Part 16) : 1984	500.00	2000.00
10	Calcium [mg/l]	129.6	IS 3025 (Part 40) : 1991	75.00	200.00
11	Magnesium [mg/l]	34.99	IS 3025 (Part 46) : 1994	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992	0.05	1.50
13	Manganese [mg/l]	0.01	IS 3025 (Part 59)	0.1	0.3
14	Sulphate [mg/l]	210	IS 3025 (Part 24) : 1986	200.00	400.00
15	Nitrate [mg/l]	BDL(<1.0)	IS 3025 (Part 34) : 1988	45.00	-

Note:

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Tonk Road, JAIPUR-302022 Raj.
Ph : 94602-22039, 94602-22049

RESULTS

No.	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
16	Fluoride [mg/l]	0.67	IS 3025 (Part 60)	1.00	1.50
17	Cadmium [mg/l]	0.001	IS 3025 (Part 41) : 1992	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988	0.01	0.05
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994	0.01	-
20	Zinc [mg/l]	0.01	IS 3025 (Part 49) : 1994	5.00	15.00
21	Alkalinity - T [mg/l]	396	IS 3025 (Part 23) : 1986	200.00	600.00
22	Aluminum [mg/l]	BDL (< 0.01)	IS 3025 (Part 55) : 2003	0.03	0.2
23	Boron [mg/l]	0.42	IS 13428 (Annexure H)	0.5	1.0
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002	Shall not be detectable in 100 ml sample	-
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984	-	-
26	Total Chromium [mg/l]	BDL(<0.01)	APHA :2012 :3111- B	0.05	-
27	Free Residual Chlorine [mg/l]	BDL (< 0.1)	IS 3025 (Part 26) : 1986	0.2	1.0
28	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003	0.01	-

Notes :-

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Puran Man Yogi
Puran Man Yogi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/316)



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E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/321
Job Identification. : 2054/16-17
Date : 02-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Potable and Domestic Water
Date of Sample Collection/Monitoring : 06-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 30-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Gandhi sagar village (Tubewell water of Gandhi park)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984	1.00	5.00
5	pH	7.44	IS 3025 (Part 11) : 1984	6.50 - 8.50	-
6	Hardness (total) [mg/l]	448	IS 3025 (Part 21) : 1983	200.00	600.00
7	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003	0.3	-
8	Chloride [mg/l]	327.84	IS 3025 (Part 32) : 1988	250.00	1000.00
9	Total Dissolved Solids [mg/l]	1358	IS 3025 (Part 16) : 1984	500.00	2000.00
10	Calcium [mg/l]	72	IS 3025 (Part 40) : 1991	75.00	200.00
11	Magnesium [mg/l]	64.15	IS 3025 (Part 46) : 1994	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)	0.1	0.3
14	Sulphate [mg/l]	137.00	IS 3025 (Part 24) : 1986	200.00	400.00
15	Nitrate [mg/l]	4.47	IS 3025 (Part 34) : 1988	45.00	-

Note:

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Raj



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Tonk Road, JAIPUR-302022 Raj.

Phone : 0141-2369966, 2771865

RESULTS

Ph.: 94602 22030, 94602 22049

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
16	Fluoride [mg/l]	0.72	IS 3025 (Part 60)	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988	0.01	0.05
19	Lead [mg/l]	0.01	IS 3025 (Part 47) : 1994	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994	5.00	15.00
21	Alkalinity - T [mg/l]	600	IS 3025 (Part 23) : 1986	200.00	600.00
22	Aluminum [mg/l]	0.02	IS 3025 (Part 55) : 2003	0.03	0.2
23	Boron [mg/l]	0.39	IS 13428 (Annexure H)	0.5	1.00
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002	Shall not be detectable in 100 ml sample	-
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984	-	-
26	Total Chromium [mg/l]	BDL(<0.01)	APHA :2012 :3111- B	0.05	-
27	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986	0.2	1.0
28	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003	0.01	-

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Ruranga
Ruran Mal Yogi
Senior Analyst

Rajan
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/321)



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E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/322
Job Identification. : 2055/16-17
Date : 02-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Potable and Domestic Water
Date of Sample Collection/Monitoring : 06-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 30-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Dhulkhera (Handpump Rajeev Gandhi Pathsala Front of Dhulkhera Mine Pit)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984	1.00	5.00
5	pH	7.26	IS 3025 (Part 11) : 1984	6.50 - 8.50	-
6	Hardness (total) [mg/l]	580	IS 3025 (Part 21) : 1983	200.00	600.00
7	Iron [mg/l]	0.02	IS 3025 (Part 53) : 2003	0.3	-
8	Chloride [mg/l]	152.35	IS 3025 (Part 32) : 1988	250.00	1000.00
9	Total Dissolved Solids [mg/l]	1085	IS 3025 (Part 16) : 1984	500.00	2000.00
10	Calcium [mg/l]	168	IS 3025 (Part 40) : 1991	75.00	200.00
11	Magnesium [mg/l]	38.88	IS 3025 (Part 46) : 1994	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)	0.1	0.3
14	Sulphate [mg/l]	296.00	IS 3025 (Part 24) : 1986	200.00	400.00
15	Nitrate [mg/l]	34.04	IS 3025 (Part 34) : 1988	45.00	-

Note:

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Rajeev



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Phone : 0141-2369980, 2771865

RESULTS

Ph.: 04602 22039, 04602 22049

No.	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
16	Fluoride [mg/l]	0.52	IS 3025 (Part 60)	1.00	1.50
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992	0.003	-
18	Arsenic [mg/l]	BDL (<0.001)	IS 3025 (Part 37) : 1988	0.01	0.05
19	Lead [mg/l]	BDL (<0.01)	IS 3025 (Part 47) : 1994	0.01	-
20	Zinc [mg/l]	BDL (<0.01)	IS 3025 (Part 49) : 1994	5.00	15.00
21	Alkalinity - T [mg/l]	340	IS 3025 (Part 23) : 1986	200.00	600.00
22	Aluminum [mg/l]	BDL (<0.01)	IS 3025 (Part 55) : 2003	0.03	0.2
23	Boron [mg/l]	0.38	IS 13428 (Annexure H)	1.00	5.00
24	Total coliform [MPN/100ml]	Not detected\	IS 5401 (Part 2) : 2002	Shall not be detectable in 100 ml sample	-
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984	-	-
26	Total Chromium [mg/l]	BDL (<0.01)	APHA :2012 :3111- B	0.05	-
27	Free Residual Chlorine [mg/l]	BDL (<0.1)	IS 3025 (Part 26) : 1986	0.2	1.0
28	selenium [mg/l]	BDL (<0.01)	IS 3025 (Part 56) : 2003	0.01	-

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Puran
Puran Mal Jain
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/322)



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TEST REPORT

Report No. : W/NABL/323
Job Identification. : 2056/16-17
Date : 02-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Potable and Domestic Water
Date of Sample Collection/Monitoring : 07-06-2016
Date of Sample Receipt : 10-06-2016
Date of Test : 10-06-2016 to 30-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Suras Village (Govt. Handpump Near Palki Rani Ka Mandir)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984	1.00	5.00
5	pH	7.56	IS 3025 (Part 11) : 1984	6.50 - 8.50	-
6	Hardness (total) [mg/l]	580	IS 3025 (Part 21) : 1983	200.00	600.00
7	Iron [mg/l]	0.01	IS 3025 (Part 53) : 2003	0.3	-
8	Chloride [mg/l]	204.42	IS 3025 (Part 32) : 1988	250.00	1000.00
9	Total Dissolved Solids [mg/l]	842	IS 3025 (Part 16) : 1984	500.00	2000.00
10	Calcium [mg/l]	224	IS 3025 (Part 40) : 1991	75.00	200.00
11	Magnesium [mg/l]	4.86	IS 3025 (Part 46) : 1994	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)	0.1	0.3
14	Sulphate [mg/l]	85.00	IS 3025 (Part 24) : 1986	200.00	400.00
15	Nitrate [mg/l]	39.04	IS 3025 (Part 34) : 1988	45.00	-

Note:

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Bajr



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Phone: 0141-2369980, 2771865
Website: www.teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
16	Fluoride [mg/l]	0.47	IS 3025 (Part 60)	1.00	1.50
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988	0.01	0.05
19	Lead [mg/l]	BDL (<0.01)	IS 3025 (Part 47) : 1994	0.01	-
20	Zinc [mg/l]	0.87	IS 3025 (Part 49) : 1994	5.00	15.00
21	Alkalinity - T [mg/l]	312	IS 3025 (Part 23) : 1986	200.00	600.00
22	Aluminum [mg/l]	BDL (<0.01)	IS 3025 (Part 55) : 2003	0.03	0.2
23	Boron [mg/l]	0.36	IS 13428 (Annexure H)	0.5	1.00
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002	Shall not be detectable in 100 ml sample	-
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984	-	-
26	Total Chromium [mg/l]	BDL(<0.01)	APHA :2012 :3111- B	0.05	-
27	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986	0.2	1.0
28	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003	0.01	-

Notes :-

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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Ravi
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/323)



TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



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E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/314
 Job Identification. : 1910/16-17
 Date : 06-07-2016
 Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
 Dhedwas Iron Ore Copper & Associated Minerals Mines Arajaji No.
 9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
 District-Bhilwara 311802 (Rajasthan)
 Type of Unit : Mines
 Type of Sample : Potable and Domestic Water
 Date of Sample Collection/Monitoring : 01-06-2016
 Date of Sample Receipt : 09-06-2016
 Date of Test : 09-06-2016 to 30-06-2016
 Sample Collected By : Darwesh Kumar
 Point of Collection : Kanoli Village (Govt. Handpump water of Govt. Middle school)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984	1.00	5.00
5	pH	7.82	IS 3025 (Part 11) : 1984	6.50 - 8.50	-
6	Hardness (total) [mg/l]	264	IS 3025 (Part 21) : 1983	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003	0.3	-
8	Chloride [mg/l]	34.71	IS 3025 (Part 32) : 1988	250.00	1000.00
9	Total Dissolved Solids [mg/l]	316	IS 3025 (Part 16) : 1984	500.00	2000.00
10	Calcium [mg/l]	65.6	IS 3025 (Part 40) : 1991	75.00	200.00
11	Magnesium [mg/l]	24.30	IS 3025 (Part 46) : 1994	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)	0.1	0.3
14	Sulphate [mg/l]	68.00	IS 3025 (Part 24) : 1986	200.00	400.00
15	Nitrate [mg/l]	7.06	IS 3025 (Part 34) : 1988	45.00	-

Note:

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Tonk Road, JAIPUR-302022 Raj.

Ph : 04602 22039, 04602 22049

E: Requirement@teamtesthouse.com

E: (Acceptable)@teamtesthouse.com

RESULTS

S.No.	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
16	Fluoride [mg/l]	0.44	IS 3025 (Part 60)	1.00	1.50
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992	0.003	-
18	Arsenic [mg/l]	BDL (<0.001)	IS 3025 (Part 37) : 1988	0.01	0.05
19	Lead [mg/l]	BDL (<0.01)	IS 3025 (Part 47) : 1994	0.01	-
20	Zinc [mg/l]	0.02	IS 3025 (Part 49) : 1994	5.00	15.00
21	Alkalinity - T [mg/l]	204	IS 3025 (Part 23) : 1986	200.00	600.00
22	Aluminum [mg/l]	BDL (<0.01)	IS 3025 (Part 55) : 2003	0.03	0.2
23	Boron [mg/l]	0.28	IS 13428 (Annexure H)	0.5	1.0
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002	Shall not be detectable in 100 ml sample	-
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984	-	-
26	Total Chromium [mg/l]	BDL (<0.01)	APHA :2012 :3111- B	0.05	-
27	Free Residual Chlorine [mg/l]	BDL (<0.1)	IS 3025 (Part 26) : 1986	0.2	1.0
28	selenium [mg/l]	BDL (<0.01)	IS 3025 (Part 56) : 2003	0.01	-

Notes :-

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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Ravi Singh
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/314)



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E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/315
Job Identification. : 1911/16-17
Date : 02-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajai No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Potable and Domestic Water
Date of Sample Collection/Monitoring : 01-06-2016
Date of Sample Receipt : 09-06-2016
Date of Test : 09-06-2016 to 30-06-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Samodi Village (Bheel Basti Near Govt. Handpump front Ratan Lal
Yadav Plot)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984	1.00	5.00
5	pH	7.32	IS 3025 (Part 11) : 1984	6.50 - 8.50	-
6	Hardness (total) [mg/l]	432	IS 3025 (Part 21) : 1983	200.00	600.00
7	Iron [mg/l]	0.06	IS 3025 (Part 53) : 2003	0.3	-
8	Chloride [mg/l]	86.78	IS 3025 (Part 32) : 1988	250.00	1000.00
9	Total Dissolved Solids [mg/l]	732	IS 3025 (Part 16) : 1984	500.00	2000.00
10	Calcium [mg/l]	115.2	IS 3025 (Part 40) : 1991	75.00	200.00
11	Magnesium [mg/l]	34.99	IS 3025 (Part 46) : 1994	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)	0.1	0.3
14	Sulphate [mg/l]	120.02	IS 3025 (Part 24) : 1986	200.00	400.00
15	Nitrate [mg/l]	30.24	IS 3025 (Part 34) : 1988	45.00	-

Note:

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Rajen



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Phone : 0141-2369980, 2771865

RESULTS

Ph.: 94602 22039, 94602 22049

Sl. No.	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
16	Fluoride [mg/l]	0.41	IS 3025 (Part 60)	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988	0.01	0.05
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994	5.00	15.00
21	Alkalinity - T [mg/l]	356	IS 3025 (Part 23) : 1986	200.00	600.00
22	Aluminum [mg/l]	BDL (< 0.01)	IS 3025 (Part 55) : 2003	0.03	0.2
23	Boron [mg/l]	0.45	IS 13428 (Annexure H)	0.5	1.0
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002	Shall not be detectable in 100 ml sample	-
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984	-	-
26	Total Chromium [mg/l]	BDL(<0.01)	APHA :2012 :3111- B	0.05	-
27	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986	0.2	1.0
28	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003	0.01	-

Notes :-

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Puran Mal Vogi
Puran Mal Vogi
Senior Analyst

Rajesh Maheshwari
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/315)



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E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/313
 Job Identification. : 1909/16-17
 Date : 06-07-2016
 Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
 Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No. 9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
 District-Bhilwara 311802 (Rajasthan)
 Type of Unit : Mines
 Type of Sample : Potable and Domestic Water
 Date of Sample Collection/Monitoring : 01-06-2016
 Date of Sample Receipt : 09-06-2016
 Date of Test : 09-06-2016 to 30-06-2016
 Sample Collected By : Darwesh Kumar
 Point of Collection : Pur Village (Near Balaji Mandir)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984	1.00	5.00
5	pH	7.24	IS 3025 (Part 11) : 1984	6.50 - 8.50	-
6	Hardness (total) [mg/l]	580	IS 3025 (Part 21) : 1983	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003	0.3	-
8	Chloride [mg/l]	424.27	IS 3025 (Part 32) : 1988	250.00	1000.00
9	Total Dissolved Solids [mg/l]	1594	IS 3025 (Part 16) : 1984	500.00	2000.00
10	Calcium [mg/l]	156	IS 3025 (Part 40) : 1991	75.00	200.00
11	Magnesium [mg/l]	46.17	IS 3025 (Part 46) : 1994	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)	0.1	0.3
14	Sulphate [mg/l]	365	IS 3025 (Part 24) : 1986	200.00	400.00
15	Nitrate [mg/l]	43.8	IS 3025 (Part 34) : 1988	45.00	-

Note:

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Raj



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E-Mail : teamtesthouse@gmail.com
E-Mail : info@teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
16	Fluoride [mg/l]	0.61	IS 3025 (Part 60)	1.00	1.50
17	Cadmium [mg/l]	BDL (<0.001)	IS 3025 (Part 41) : 1992	0.003	-
18	Arsenic [mg/l]	BDL (<0.001)	IS 3025 (Part 37) : 1988	0.01	0.05
19	Lead [mg/l]	0.01	IS 3025 (Part 47) : 1994	0.01	-
20	Zinc [mg/l]	BDL (<0.01)	IS 3025 (Part 49) : 1994	5.00	15.00
21	Alkalinity - T [mg/l]	392	IS 3025 (Part 23) : 1986	200.00	600.00
22	Aluminum [mg/l]	0.05	IS 3025 (Part 55) : 2003	0.03	0.2
23	Boron [mg/l]	0.39	IS 13428 (Annexure H)	0.5	1.0
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002	Shall not be detectable in 100 ml sample	-
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984	-	-
26	Total Chromium [mg/l]	BDL (<0.01)	APHA :2012 :3111- B	0.05	-
27	Free Residual Chlorine [mg/l]	BDL (<0.1)	IS 3025 (Part 26) : 1986	0.2	1.0
28	selenium [mg/l]	BDL (<0.01)	IS 3025 (Part 56) : 2003	0.01	-

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Purange
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/313)



TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



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E-mail : director@teamtesthouse.com

TEST REPORT

Report No. : W/NABL/324
 Job Identification. : 2057/16-17
 Date : 07-07-2016
 Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
 Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
 9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
 District-Bhilwara 311802 (Rajasthan)
 Type of Unit : Mines
 Type of Sample : Potable and Domestic Water
 Date of Sample Collection/Monitoring : 07-06-2016
 Date of Sample Receipt : 10-06-2016
 Date of Test : 10-06-2016 to 01-07-2016
 Sample Collected By : Darwesh Kumar
 Point of Collection : Drinking Water BFN Building

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984	1.00	5.00
5	pH	7.61	IS 3025 (Part 11) : 1984	6.50 - 8.50	-
6	Hardness (total) [mg/l]	10	IS 3025 (Part 21) : 1983	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003	0.3	-
8	Chloride [mg/l]	28.93	IS 3025 (Part 32) : 1988	250.00	1000.00
9	Total Dissolved Solids [mg/l]	125	IS 3025 (Part 16) : 1984	500.00	2000.00
10	Calcium [mg/l]	2.4	IS 3025 (Part 40) : 1991	75.00	200.00
11	Magnesium [mg/l]	Less than 1	IS 3025 (Part 46) : 1994	30.00	100.00
12	Copper [mg/l]	BDL (<0.01)	IS 3025 (Part 42) : 1992	0.05	1.50

Note:

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Rajen



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RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59)	0.1	0.3
14	Sulphate [mg/l]	5.80	IS 3025 (Part 24) : 1986	200.00	400.00
15	Nitrate [mg/l]	17.70	IS 3025 (Part 34) : 1988	45.00	-
16	Fluoride [mg/l]	BDL(<0.1)	IS 3025 (Part 60)	1.00	1.50
17	Cadmium [mg/l]	0.001	IS 3025 (Part 41) : 1992	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988	0.01	0.05
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994	5.00	15.00
21	Alkalinity - T [mg/l]	28	IS 3025 (Part 23) : 1986	200.00	600.00
22	Aluminum [mg/l]	BDL (<0.01)	IS 3025 (Part 55) : 2003	0.03	0.2
23	Boron [mg/l]	0.25	IS 13428 (Annexure H)	0.5	1.00
24	Total coliform [MPN/100ml]	Not detected	IS 5401 (Part 2) : 2002	Shall not be detectable in 100 ml sample	-
25	Suspended Solids [mg/l]	Less than 1	IS 3025 (part 15) : 1984	-	-
26	Total Chromium [mg/l]	BDL(<0.01)	APHA :2012 :3111- B	0.05	-
27	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986	0.2	1.0
28	selenium [mg/l]	BDL(<0.01)	IS 3025 (Part 56) : 2003	0.01	-

Notes :-

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Purayya
Purayya Maheshwari
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No: W/NABL/324)



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Report No.

Date

Issued to

Type of Unit

Date of Monitoring

Date of Sample Receipt

Date of Test

Sample Collected by

Type of Monitoring

TEST REPORT

N/309

28/06/2016

M/s. Jindal Saw Limited

Dhedwas Iron Ore Copper & Associated Minerals

Mines, Arajji no. 9697/6711 Near Tiranga Hills

Village - Pur Tehsil & District - Bhilwara - 311802

(Rajasthan)

Mines

02/06/2016 to 06/06/2016

10/06/2016

10/06/2016

Darwesh Kumar

Ambient Noise Monitoring

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

RESULTS

Sr. No.	Point Of Monitoring	Observed value [Leq dB (A)] Day Time	Observed value [Leq dB (A)] Night Time
1.	Nr. Raw Material Storage yard (Tiranga Pit)	66.5	56.8
2.	Dhulkhera Pit (10.0 m of Raw material loading Point)	68.7	61.2
3	Suras Pit (10.0 m of Raw material loading Point)	65.4	57.3
4	Tiranga Pit (10.0 m of Raw material loading Point)	66.4	57.8
5	Nr. Tata Blue Scope Shed	71.6	63.4
6	Nr. Crusher (CCR Building)	71.2	64.7
7	Filter Fresh Building	70.2	63.4
8	Nr. PMS Building	72.3	65.4
9	Nr. BFN CCR Building	73.6	66.2

Standard Limits [in dB (A)] Leq:

Category of Area/ Zone	Day Time	Night Time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Note: -

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. This report is not to be reproduced wholly or in part and can not be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
3. The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Purnan Malhotra
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No.: - N/309)



TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

NABL	RSPCB	ISO 9001:2008	OHSAS 18001:2007	JDA/UDH
TEST REPORT				
Office : E-65, Chitrangan Marg, C-Scheme, Jaipur-302001	Report No N/308		Lab.: G1-584, Sitapura Industrial Area Tonk Road, JAIPUR-302022 Raj.	
Phone : 0141-269980, 2771865	Date 28/06/2016		Ph: 94602-22039, 94602-22049	
Website : www.teamtesthouse.com	Issued to M/s. Jindal Saw Limited		E-mail : teamtesthouse@gmail.com	
			E-mail : director@teamtesthouse.com	

Type of Unit
Date of Monitoring
Date of Sample Receipt
Date of Test
Sample Collected by
Type of Monitoring

Mines
02/06/2016 to 06/06/2016
10/06/2016
10/06/2016
Darwesh Kumar
Ambient Noise Monitoring

RESULTS

Sr. No.	Point Of Monitoring	Type of Area	Observed value [Leq dB (A)] Day Time	Observed value [Leq dB (A)] Night Time
1.	Pur Village	Rural Area	53.4	43.6
2.	Samodi Village (Near Balaji Temple)	Rural Area	48.5	40.2
3.	Suras Village	Rural Area	50.7	40.3
4.	Gandhi Sagar park, Bhilwara	Rural Area	53.6	43.8
5.	Kanoli Villa	Rural Area	47.6	38.5
6.	Dhulkhera Pit	Rural Area	52.8	42.5
7.	Dariba Village	Rural Area	51.7	41.7

Standard Limits [in dB (A)] Leq

Category of Area/ Zone	Day Time	Night Time
Industrial Area	75	70
Commercial Area	65	55
Residential Area	55	45
Silence Zone	50	40

Note: -

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Puran Mal
Puran Mal
Senior Analyst

Rajesh
Rajesh Maheshwari
Authorized Signatory
(Report No.: - N/308)



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TEST REPORT

Report No: A/644
Job Identification : 2195/16-17
Date : 02-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Fugitive Emission Quality Monitoring
Date of Sample Collection/Monitoring : 07-06-2016
Date of Sample Receipt : 13-06-2016
Date of Test : 13-06-2016 to 02-07-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Near Raw Material Storage Yard

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m ³]	413.89	IS 5182 (Part 4) : 1999

Notes :-

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Purnan Mah Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: A/644)



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JDA/UDH

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Phone : 0141-2369980, 2771865
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TEST REPORT

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

Report No. : A/643
Job Identification : 2194/16-17
Date : 02-07-2016
Issued To : M/S Jindal Saw Limited (Dhedwas Mines)
Dhedwas Iron Ore Copper & Associated Minerals Mines Arajji No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara
District-Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Fugitive Emission Quality Monitoring
Date of Sample Collection/Monitoring : 06-06-2016
Date of Sample Receipt : 13-06-2016
Date of Test : 13-06-2016 to 02-07-2016
Sample Collected By : Darwesh Kumar
Point of Collection : Central Store Crusher Line -3

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m ³]	466.87	IS 5182 (Part 4) : 1999

Notes :-

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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Pankaj Mahayogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: A/643)



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TEST REPORT

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Ph.: 94602-22039, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

Job Identification. :

A/645

Date :

2196/16-17

02-07-2016

Issued To :

M/S Jindal Saw Limited (Dhedwas Mines)

Dhedwas Iron Ore Copper & Associated Minerals Mines Araj No.
9697/6711, Near Tiranga Hills Village : Pur Tehsil Bhilwara

District-Bhilwara 311802 (Rajasthan)

Type of Unit :

Mines

Type of Sample :

Fugitive Emission Quality Monitoring

Date of Sample Collection/Monitoring :

08-06-2016

Date of Sample Receipt :

13-06-2016

Date of Test :

13-06-2016 to 02-07-2016

Sample Collected By :

Darwesh Kumar

Point of Collection :

Haul Road - Mining Area

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	402.01	IS 5182 (Part 4) : 1999

Notes :-

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Puren Mal Yogi
Senior Analyst


Rajesh Maheshwari
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