



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 9001:2015 OHSAS 18001:2007 JDA/UDH

Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502519400001544F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	05-06-2019
Point of Collection :	Village Banera (Laaturam House) [74°41'18"N,25°30'7"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram Jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	310	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	11.9	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	248.99	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	36.07	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.82	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	73.45	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Puran Mal Yogi
Puran Mal Yogi
Senior Analyst

Shitanshu Pandey
Shitanshu Pandey
Authorised Signatory
(Report No. TC502519400001544F)



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TEST REPORT

Report No./ULR No.:	TC502519400001544P	Date:	28-06-2019
Issued To:	M/S Jindal Saw Limited (Lampiya Mines) ML No.627/05, Village -Lampiya, Tehsil-Banera District- Bhilwara,311802 Rajasthan	Type of Unit:	Mines
Type of Sample:	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring:	05-06-2019
Point of Collection	Village Banera (74°41'16" N 25°30'07"E)	Date of Receipt:	13-06-2019
Date of Test/Analysis:	13-06-2019 to 27-06-2019	Sampling Plan:	IS 5182:2000(Part 14)RA 2014
Quantity of Sample:	N/A	Sample Collected By:	Sitaram Jangid
representative:	Shrimukul'andey	Sample:	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<20.0)	CPCB Guidelines	400.00
2	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	6.00
3	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2006	5.00
4	Benzo-a[alpha]- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00
	Lead [microgram/m3]	BDL (<0.1)	IS 5182.(Part 22) : 2004 Reaffirmed 2014	1.00
6	Nickel [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00
7	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00

Notes :-

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Puran Mat Yogi
Puran Mat Yogi
Senior Analyst

Rajesh Maheshwan
Rajesh Maheshwan
Authorized Signatory

(Report No: TC502519400001544P)



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TEST REPORT

Report No./ULR No.:	TC502519400001545F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera,, District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	04-06-2019
Point of Collection :	Mahua Khurd Village [74°39'25"N,25°26'22"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram Jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	170	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.59	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	202.36	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	28.88	CPCB Guidelines	60.00
5	Respirable Suspended Particulate Matter (PM10) [microgram/m3]	74.62	IS 5182 (Part 23)-2006 Reaffirmed 2012	-
6	Sulphur Dioxide [microgram/m3]	5.69	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00

Notes >

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Purnan Mal Yogi

Rajesh Maheshwan
Authorized Signatory
(Report No: TC502519400001545F)



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Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No 027/05, Village -Lampiya, Tehsil-Banera District- Bhilwara,311802 Rajasthan	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	04-06-2019
Point of Collection:	Mahua Khurd Village (74°39'25" N 25°26'22"E)	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram Jangid
representative :	Shitanshu Pandey	Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m ³]	BDL (<20.0)	CPCB Guidelines	400.00
2	Arsenic [ng/m ³]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	6.00
3	Benzene [microgram/m ³]	BDL (<1.0)	IS 5182 (Part 11) : 2006	5.00
4	Benzo-alfa- Pyrene [ng/m ³]	BDL(<0.5)	CPCB Guidelines	1.00
5	Lead [microgram/m ³]	0.12	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
6	Nickel [ng/m ³]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00
7	Ozone [microgram/m ³]	BDL (<20.0)	APHA 1977,Part 819	100.00

Notes :-

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Puran Mal Yogi
Puran Mal Yogi
Senior Analyst

Rajeshwar
Rajeshwar
Authorized Signatory

(Report No: TC502519400001545P)



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TEST REPORT

Report No./ULR No.:	TC502519400001543F	Date:	28-06-2019
Issued To:	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera,, District : Bhilwara- 311802 (Rajasthan).	Type of Unit:	Mines
Type of Sample:	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring:	04-06-2019
Point of Collection:	Village Chamanpura [74°37'15"N,25°26'47"E]	Date of Receipt:	13-06-2019
Date of Test/Analysis:	13-06-2019 to 27-06-2019	Sampling Plan:	IS 5182:2000(Part 14)RA 2014
Quantity of Sample:	N/A	Sample Collected By:	Sitaram Jangid
Unit's representative:	Shitanshu Pendey	Condition of Sample:	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	140	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.41	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	178.33	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	26.42	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.26	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	65.89	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Puran Mai Yogi
Senior Analyst

Rajesh Maheshwar
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TEST REPORT

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Issued To :	M/S Jindal Saw Limited.(Lampiya Mines) ML No.627/05, Village-Lampiya, Tehsil-Banera District-Bhilwara,311802 Rajasthan	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	04-06-2019
Point of Collection :	Village Chamanpura (74°37'15" N 25°26'47"E)	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram Jangid
representative :	Shitanshu Pandey	Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<20.0)	CPCB Guidelines	400.00
2	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	6.00
3	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2006	5.00
4	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00
	Lead [microgram/m3]	0.11	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
6	Nickel [ng/m3]	2.0	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00
7	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00

Notes :-

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Puran Mal Yogi
Puran Mal Yogi
Senior Analyst

Sh Maheshwan
Sh Maheshwan
Authorized Signatory

(Report No: TC502519400001543P)



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TEST REPORT

Report No./JLR No. :	TC502519400001546F	Date :	28-06-2019
Issued To :	M/S Jirdal Saw Limited (Lamplya Mines) ML No. 627/05, Village : Lamplya Tehsil : Banera., District : Bhillwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	05-06-2019
Point of Collection :	Mandal Village [74°34'3"N,25°26'23"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram Jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2008
1	Carbon Monoxide [microgram/m3]	210	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.71	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	163.54	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	25.33	CPCB Guidelines	60.00
5	Respirable Suspended Particulate Matter (PM10) [microgram/m3]	61.98	IS 5182 (Part 23)-2006 Reaffirmed 2012	-
6	Sulphur Dioxide [microgram/m3]	5.01	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00

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Puran Mal Yogi
Puran Mal Yogi
Senior Analyst

Rajesh Vigneshwari
Rajesh Vigneshwari
Senior Signatory

(Report No: TC502519400001546F)



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Type of Sample:	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring:	05-06-2019
Point of Collection:	Mandal Village. (74°34'3" N 25°26'23"E)	Date of Receipt:	13-06-2019
Date of Test/Analysis:	13-06-2019 to 27-06-2019	Sampling Plan:	IS 5182:2000(Part 14)RA 2014
Quantity of Sample:	N/A	Sample Collected By:	Sitaram Jangid
representative:	Shitanshu Pandey	Sample:	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<20.0)	CPCB Guidelines	400.00
2	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	6.00
3	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2006	5.00
4	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00
	Lead [microgram/m3]	0.16	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
6	Nickel [ng/m3]	2.7	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00
7	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00

Notes :-

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Jitendra
Rajan Mal Yogi
Senior Analyst

Rajesh
Rajesh Manoharan
Authorized Signatory

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Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	03-06-2019
Point of Collection :	Lampiya Village (Laxmanlal Regar) (74°39'31"N,25°27'31"E)	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	180	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.8	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	198.95	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	32.43	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.06	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	71.7	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes:-

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Puran Mal Yogi
Senior Analyst

Rajesh
Rajesh Kumar Swarni
Director
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Office : E-65, Chitraranjan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400001542P	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited.(Lampiya Mines) ML No.627/05, Village -Lampiya, Tehsil-Banera District- Bhilwara,311802, Rajasthan	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	03-06-2019
Point of Collection :	Lampiya Village (74°39'31" N 25°27'31"E)	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram Jangid
representative :	ShitanshuPardey	Sample :	Fit for testing

RESULTS

S No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<20.0)	CPCB Guidelines	400.00
2	Arsenic [ng/m3]	BDL (<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	6.00
3	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2006	5.00
4	Benzo-alfa- Pyrene [ng/m3]	BDL (<0.5)	CPCB Guidelines	1.00
	Lead [microgram/m3]	0.15	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
6	Nickel [ng/m3]	2.6	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00
7	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00

Notes -

- # Parameter No. 1,2,5,6,7 covered under NABL scope and Parameter No. 3,4 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwan
Authorized Signatory

(Report No: TC502519400001542P)



TEAM TEST HOUSE

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C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
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Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400001541F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	03-06-2019
Point of Collection :	Karnalpura Village [74°38'44"N 25°28'18"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram Jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

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]	13.41	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	203.09	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	34.32	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.21	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	65.03	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Puranjay Mal Yogi

Senior Analyst

Rajesh Manoharan
Authorized Signatory

(Report No: TC502519400001541F)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2389980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tank Road, JAIPUR-302022 Raj.
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E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400001541P	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited.(Lampiya Mines) ML No.627/05, Village -Lampiya, Tehsil-Banera District- Bhilwara,311802 Rajasthan	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	03-06-2019
Point of Collection :	Kamalpura Village (74°38'44" N 25°28'18" E)	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram Jangid
representative :	Shitanshu Pandey	Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<20.0)	CPCB Guidelines	400.00
2	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	6.00
3	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2006	5.00
4	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00
	Lead [microgram/m3]	0.13	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
6	Nickel [ng/m3]	2.3	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00
7	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977, Part 819	100.00

Notes :

- # Parameter No. 1,2,5,6,7 covered under NABL scope and Parameter No. 3,4 does not cover under NABL scope.
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Puran Mal Yogi
Senior Analyst

Puran Maneswar
Authorized Signatory

(Report No: TC502519400001541P)



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Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400001540F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/06, Village : Lampiya Tehsil : Bahera., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	04-06-2019
Point of Collection :	Devpura Village (Shri Narayan Lal Ji House) [74°37'56"N, 25°26'53"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	220	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	11.73	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	187.56	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	25.45	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	8.77	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m ³]	69.02	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Puran Mal Yogi
Senior Analyst

Rajesh Maheshwan
Signatory
(Report No: TC502519400001540F)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400001540P	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited.(Lampiya Mines) ML No.627/05, Village -Lampiya, Tehsil-Banera District- Bhilwara,311802 Rajasthan	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	04-06-2019
Point of Collection :	Devpura Village (74°37'56" N 25°26'53"E)	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram Jangid
representative :	ShitanshuPandey	Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<20.0)	CPCB Guidelines	400.00
2	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	6.00
3	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2006	5.00
4	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00
	Lead [microgram/m3]	BDL (<0.1)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
6	Nickel [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00
7	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00

Notes :-

- # Parameter No. 1,2,5,6,7 covered under NABL scope and Parameter No. 3,4 does not cover under NABL scope
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Puran Mal Yogi

(Signature)

Senior Analyst

Rajesh Maheshwan

(Signature)
Authorized Signatory

(Report No: TC502519400001540P)



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

(Report No: TC502519400001539F)

Report No./ULR No.:	TC502519400001539F	Date:	28-06-2019
Issued To:	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banara,, District : Bhilwara- 311802 (Rajasthan).	Type of Unit:	Mines
Type of Sample:	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring:	03-06-2019
Point of Collection:	Jaliya Village (Ramji Lal House) [74°38'26"N,25°26'31"E]	Date of Receipt:	13-06-2019
Date of Test/Analysis:	13-06-2019 to 27-06-2019	Sampling Plan:	IS 5182:2000(Part 14)RA 2014
Quantity of Sample:	N/A	Sample Collected By:	Sitaram jangid
Unit's representative:	Shitanshu Pandey	Condition of Sample:	Fit for testing

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]	13.41	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	222.28	IS 5182 (Part 4) : 1999 Reaffirmed 2014	-
4	Particulate Matter (PM2.5) [microgram/m3]	33.55	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	4.41	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	69.85	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

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Purag Mal Yogi
Purag Mal Yogi

Senior Analyst

Rajesh Maheshwan
Rajesh Maheshwan
Authorized Signatory

(Report No: TC502519400001539F)



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
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TEST REPORT

Report No./ILR No. :	TC502519400001539P	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited.(Lampiya Mines) ML No.627/05, Village-Lampiya, Tehsil-Banera District- Bhilwara,311802 Rajasthan	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	03-06-2019.
Point of Collection :	Jaliya Village (74°38'26" N 25°26'31"E)	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram Jangid
representative :	Shitanshu Pandey	Sample :	Fit for testing.

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m ³]	BDL (<20.0)	CPCB Guidelines	400.00
2	Arsenic [ng/m ³]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	6.00
3	Benzene [microgram/m ³]	BDL (<1.0)	IS 5182 (Part 11) : 2006	5.00
4	Benzo-alfa- Pyrene [ng/m ³]	BDL(<0.5)	CPCB Guidelines	1.00
	Lead [microgram/m ³]	0.10	IS 5182 (Part 22) : 2004 Reaffirmed 2014	1.00
6	Nickel [ng/m ³]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2014	20.00
7	Ozone [microgram/m ³]	BDL (<20.0)	APHA 1977,Part 819	100.00

Notes :-

- # Parameter No. 1,2,5,6,7 covered under NABL scope and Parameter No. 3,4 does not cover under NABL scope.
- # Parameter No. NONE outsourced for testing
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Puran Mal Yogi
Senior Analyst

Rajesh Manoj Swain
Authorized Signatory

(Report No: TC502519400001539P)



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C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400001824F	Date :	08-07-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	28-06-2019
Point of Collection :	Lampiya Village (Laxmanlal Regar) (74°39'31"N,25°27'31"E)	Date of Receipt :	03-07-2019
Date of Test/Analysis :	03-07-2019 to 06-07-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Barwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	300	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	16.08	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	186.78	IS 5182 (Part 4) : 1999 Reaffirmed 2014	500
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	24.38	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	5.37	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	65.69	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Senior Analyst


Authorized Signatory

(Report No: TC502519400001824F)



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph : 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./JLR No.:	TC502519400001823F	Date :	08-07-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	28-06-2019
Point of Collection	Kamalpura Village [74°38'44"N 25°28'18"E]	Date of Receipt :	03-07-2019
Date of Test/Analysis :	03-07-2019 to 06-07-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	310	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.76	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	185.54	IS 5182 (Part 4) : 1999 Reaffirmed 2014	500
4	Particulate Matter (PM2.5) [microgram/m3]	26.15	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.37	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM 10) [microgram/m3]	64.89	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Puran
Puran Malhotra
Senior Analyst

Rajesh
Rajesh Malhotra
Authorized Signatory
(Report No: TC502519400001823F)



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C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400001822F	Date :	08-07-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera,, District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	29-06-2019
Point of Collection :	Devpura Village (Shri Narayan Lal Ji House) [74°37'56"N, 25°26'53"E]	Date of Receipt :	03-07-2019
Date of Test/Analysis :	03-07-2019 to 06-07-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m ³]	280	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m ³]	17.02	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m ³]	172.81	IS 5182 (Part 4) : 1999 Reaffirmed 2014	500
4	Particulate Matter (PM _{2.5}) [microgram/m ³]	31.54	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m ³]	6.52	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m ³]	63.41	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Purnan Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory

(Report No: TC502519400001822F)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./JLR No.:	TC502519400001821F	Date :	08-07-2019
Issued To :	M/S.Jindal Saw Limited (Lampiya Miries) ML No. 627/05, Village : Lampiya Tehsil : Banera,, District : Bhilwara - 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	29-06-2019
Point of Collection :	Jaliya Village (Ramji Lal House) [74°38'26"N,25°26'31"E]	Date of Receipt :	03-07-2019
Date of Test/Analysis :	03-07-2019 to 06-07-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Banwari Lal Kumawat
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	310	IS 5182 (Part 10) : 1999	4000
2	Nitrogen Dioxide as NO ₂ [microgram/m3]	17.6	IS 5182 (Part 6) : 2006 Reaffirmed 2012	80.00
3	Suspended Particulate Matter (SPM) [microgram/m3]	175.36	IS 5182 (Part 4) : 1999 Reaffirmed 2014	500
4	Particulate Matter (PM _{2.5}) [microgram/m3]	27.98	CPCB Guidelines	60.00
5	Sulphur Dioxide [microgram/m3]	6.04	IS 5182 (Part 2) : 2001 Reaffirmed 2012	80.00
6	Particulate Matter (PM ₁₀) [microgram/m3]	71.64	IS 5182 (Part 23)-2006 Reaffirmed 2012	100.00

Notes :-

- # Parameter No. 1,2,3,4,5,6 covered under NABL scope and Parameter No. NONE does not cover under NABL scope.
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Purnan Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory

(Report No: TC502519400001821F)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400001547F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	06-06-2019
Point of Collection :	Ore Storage & Loading Point [74°38'3"N,25°26'31"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	329.33	IS 5182 (Part 4) : 1999 Reaffirmed 2014

Notes :-

- # Parameter No. 1 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Senior Analyst

K. Ruran Maloyogi

Authorized Signatory

(Report No: TC502519400001547F)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519400001548F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	06-06-2019
Point of Collection :	Hual Road [74°38'3"N,25°26'31"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	381.37	IS 5182 (Part 4) : 1999 Reaffirmed 2014

Notes :-

- # Parameter No. 1 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Senior Analyst

Puran Mal Yogi

Authorized Signatory

(Report No: TC502519400001548F)



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519100000938P	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera,, District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	06-06-2019
Point of Collection :	Village Lampiya (Govt. Hand Pump, School Lampiya) [74°40'2"N,25°27'28"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

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 then 5.0	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	7.32	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	430	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Chloride [mg/l]	195.68	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00
9	Total Dissolved Solids [mg/l]	1194	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

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Rajesh
Rajesh Maheshwan



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001

Phone : 0141-2369980, 2771865

Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.

Ph.: 94602-22036, 94602-22049

Email: director@teamtesthouse.com

RESULTS

Sl. No.	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Remarks (Limits in the absence of Alternate Sources as per IS 10500 : 2012)
10	Calcium [mg/l]	124	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
11	Magnesium [mg/l]	29.16	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
14	Sulphate [mg/l]	94.44	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
15	Nitrate [mg/l]	17.37	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
16	Fluoride [mg/l]	0.42	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
21	Alkalinity - T [mg/l]	220	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	0.2
23	Boron [mg/l]	0.33	IS 13428 (Annexure H)	0.5	1.0
24	Total Chromium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	0.05	-
25	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	-
26	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-
27	Polynuclear aromatic Hydrocarbon [mg/l]	BDL(<0.0001)	APHA 2017 : 6440 B	0.0001	-

Note:

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

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@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
28	Phenolic Compound [mg/l]	BDL(<0.01)	IS 3025 (Part 43) : 1992 RA 2014	0.001	-
29	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
30	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
31	Calcium Hardness [mg/l]	310	IS 3025 (Part 40) : 1991 RA 2014	-	-
32	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-
33	Selenium [mg/l]	BDL(0.01)	IS 3025 (Part 56) : 2003 RA 2014	0.01	-
34	Anionic Surface Detergents as MBA's [mg/l]	BDL(<0.1)	IS 13428 (Annexure K)	0.20	1.00

Notes -

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,29,30,31,33 covered under NABL scope and Parameter No. 27,32 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # 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 Mai Yogi
Senior Analyst


Rakesh Maheshwari
Authorized Signatory
(Report No: TC502519100000938P)



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C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. : TC502519100000938F
Date : 28-06-2019
Issued To : M/S Jindal Saw Limited (Lampiya Mines)
ML No. 627/05, Village : Lampiya Tehsil : Banera,
District : Bhilwara- 311802 (Rajasthan)
Item : Potable & Domestic Water (Microbiology)
Quantity of Sample : 2 Ltr.
Date of Collection : 06-06-2019
Date of Receipt : 13-06-2019
Date of Test : 13-06-2019 to 27-06-2019
Collected By : Sitaram jangid
Sample Identification : Village Lampiya (Govt. Hand Pump, School Lampiya)
Lot/Batch No. : Not Specified
Condition of Sample : Fit for testing

RESULTS

S.No	Parameters	Testing Method	Observed Value
1	E. coli [MPN/100ml]	IS 5887 (Part 1) : 1976 RA 2013	BDL
2	Total coliform [MPN/100ml]	IS 5401 (Part 2) : 2012	BDL

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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- # The samples will be destroyed after 30 days from the date of issue of test report unless otherwise specified.


Puran Mal Yogi

Senior Analyst


Rajesh Maheshwari

Authorized Signatory

(Report No: TC502519100000938F)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502519100000937P	Date:	28-06-2019
Issued To:	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan).	Type of Unit:	Mines
Type of Sample:	Potable and Domestic Water	Date of Sample Collection/Monitoring:	06-06-2019
Point of Collection:	Village Kampura (Govt. Supply) [74°38'39"N,25°28'18"E]	Date of Receipt:	13-06-2019
Date of Test/Analysis:	13-06-2019 to 27-06-2019	Sampling Plan:	IS 3025:1987(Part 1)RA 2014
Quantity of Sample:	2 Ltr.	Sample Collected By:	Sitaram jangid
Unit's representative:	Shitanshu Pandey	Condition of Sample:	Fit for testing

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 5.0	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	8.03	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	256	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Chloride [mg/l]	68.49	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00
9	Total Dissolved Solids [mg/l]	653	IS 3025 (Part 16) : 1984	500.00	2000.00

Note:

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Rajesh Maheshwar
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Phone : 0141-2369980, 2771865

Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area

Tonk Road, JAIPUR-302022 Raj.

Ph.: 94602-22036, 94602-22049

E-mail : teamtesthouse@gmail.com

E-mail : director@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
10	Calcium [mg/l]	59.2	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
11	Magnesium [mg/l]	26.24	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
14	Sulphate [mg/l]	48.78	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
15	Nitrate [mg/l]	39.31	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
16	Fluoride [mg/l]	0.61	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
21	Alkalinity - T [mg/l]	216	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
22	Aluminum [mg/l]	BDL(<0.001)	IS 3025 (Part 55) : 2003 RA 2014	0.03	-
23	Boron [mg/l]	0.36	IS 13428 (Annexure H)	0.5	1.0
24	Total Chromium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	0.05	-
25	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	1.0
26	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-
27	Polynuclear aromatic Hydrocarbon [mg/l]	BDL(<0.0001)	APHA 2017 : 6440 B	0.0001	-


Rajesh Maheshwan



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C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@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
28	Phenolic Compound [mg/l]	BDL(<0.01)	IS 3025 (Part 43) : 1992 RA 2014	0.001	-
29	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
30	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
31	Calcium Hardness [mg/l]	148	IS 3025 (Part 40) : 1991 RA 2014	-	-
32	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-
33	Selenium [mg/l]	BDL(0.01)	IS 3025 (Part 56) : 2003 RA 2014	0.01	-
34	Anionic Surface Detergents as MBA's [mg/l]	BDL(<0.1)	IS 13428 (Annexure K)	0.20	1.00

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,29,30,31,33 covered under NABL scope and Parameter No. 27,32 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Puran Mal Yogi
Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No: TC502519100000937P)



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

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C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. : TC502519100000937F
Date : 28-06-2019
Issued To : M/S Jindal Saw Limited (Lampiya Mines)
ML No. 627/05, Village : Lampiya Tehsil : Banera,
District : Bhilwara- 311802 (Rajasthan)
Item : Potable & Domestic Water (Microbiology)
Quantity of Sample : 2 Ltr.
Date of Collection : 06-06-2019
Date of Receipt : 13-06-2019
Date of Test : 13-06-2019 to 27-06-2019
Collected By : Sitaram jangid
Sample Identification : Village Kamlpura (Govt. Supply)
Lot/Batch No. : Not Specified
Condition of Sample : Fit for testing

RESULTS

S.No	Parameters	Testing Method	Observed Value
1	E. coli [MPN/100ml]	IS 5887 (Part 1) : 1976 RA 2013	BDL
2	Total coliform [MPN/100ml]	IS 5401 (Part 2) : 2012	BDL

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Purni Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: TC502519100000937F)



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Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
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Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519100000936P	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera,, District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	06-06-2019
Point of Collection :	Village Devpura (Govt. Hand Pump, School Devpura) [74°38'1"N,25°26'53"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

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 then 5.0	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	7.40	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	448	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Chloride [mg/l]	199.6	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00
9	Total Dissolved Solids [mg/l]	1107	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

Continue to next page...

Rajesh manswan
Raj-



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001

Phone : 0141-2369980, 2771865

Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.

Ph.: 04602-22036, 04602-22049

Email : teamtesthouse@gmail.com
(Bureau Director) teamtesthouse@gmail.com

RESULTS

Sl. No.	Parameter	Observed Value	Testing Protocol	Permissible Limit (Bureau Director) as per IS 10500 : 2012	Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
10	Calcium [mg/l]	124.8	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
11	Magnesium [mg/l]	33.05	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
14	Sulphate [mg/l]	83.33	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
15	Nitrate [mg/l]	32.16	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
16	Fluoride [mg/l]	0.65	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
21	Alkalinity - T [mg/l]	180	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	0.2
23	Boron [mg/l]	0.34	IS 13428 (Annexure H)	0.5	1.0
24	Total Chromium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	0.05	-
25	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	1.0
26	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-
27	Polynuclear aromatic Hydrocarbon [mg/l]	BDL(<0.0001)	APHA 2017 : 6440 B	0.0001	-

Note:

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Raj
Rajesh Kumar



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C-Scheme, Jaipur-302001

RESULTS

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.

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
28	Phenolic Compound [mg/l]	BDL(<0.01)	IS 3025 (Part 43) : 1992 RA 2014	0.001	-
29	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
30	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
31	Calcium Hardness [mg/l]	312	IS 3025 (Part 40) : 1991 RA 2014	-	-
32	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-
33	Selenium [mg/l]	BDL(0.01)	IS 3025 (Part 56) : 2003 RA 2014	0.01	-
34	Anionic Surface Detergents as MBA's [mg/l]	BDL(<0.1)	IS 13428 (Annexure K)	0.20	1.00

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,29,30,31,33 covered under NABL scope and Parameter No. 27,32 does not cover under NABL scope
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Puran Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: TC502519100000936P)



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C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. : TC502519100000936F
Date : 28-06-2019
Issued To : M/S Jindal Saw Limited (Lampiya Mines)
ML No. 627/05, Village : Lampiya Tehsil : Banera,
District : Bhilwara- 311802 (Rajasthan)
Item : Potable & Domestic Water (Microbiology)
Quantity of Sample : 2 Ltr.
Date of Collection : 06-06-2019
Date of Receipt : 13-06-2019
Date of Test : 13-06-2019 to 27-06-2019
Collected By : Sitaram jangid
Sample Identification : Village Devpura (Govt. Hand Pump, School Devpura)
Lot/Batch No. : Not Specified
Condition of Sample : Fit for testing

RESULTS

S.No	Parameters	Testing Method	Observed Value
1	E. coli [MPN/100ml]	IS 5887 (Part 1) : 1976 RA 2013	BDL
2	Total coliform [MPN/100ml]	IS 5401 (Part 2) : 2012	BDL

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Puran mal yogi
Senior Analyst


Rajesh Maneswar
Authorized Signatory
(Report No: TC502519100000936F)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502519100000939P	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	06-06-2019
Point of Collection :	Village Jaliya (Water Storage tank) [74°38'27"N,25°26'31"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

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 5.0	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	7.35	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	550	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Chloride [mg/l]	278.85	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00
9	Total Dissolved Solids [mg/l]	1657	IS 3025 (Part 16) : 1984	500.00	2000.00

Note:

Continue to next page...

Rajesh
Rajesh Maheshwar



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049

Website : www.teamtesthouse.com

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012	Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
10	Calcium [mg/l]	164	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
11	Magnesium [mg/l]	34.02	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
14	Sulphate [mg/l]	180	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
15	Nitrate [mg/l]	32.74	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
16	Fluoride [mg/l]	0.52	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
21	Alkalinity - T [mg/l]	300	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	0.2
23	Boron [mg/l]	0.38	IS 13428 (Annexure H)	0.5	1.0
24	Total Chromium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	0.05	-
25	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	-
26	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-
27	Polynuclear aromatic Hydrocarbon [mg/l]	BDL(<0.0001)	APHA 2017 : 6440 B	0.0001	-

Raj
Kajesh Mishra



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C-Scheme, Jaipur-302001
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Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@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
28	Phenolic Compound [mg/l]	BDL(<0.01)	IS 3025 (Part 43) : 1992 RA 2014	0.001	-
29	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
30	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
31	Calcium Hardness [mg/l]	410	IS 3025 (Part 40) : 1991 RA 2014	-	-
32	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-
33	Selenium [mg/l]	BDL(0.01)	IS 3025 (Part 56) : 2003 RA 2014	0.01	-
34	Anionic Surface Detergents as MBA's [mg/l]	BDL(<0.1)	IS 13428 (Annexure K)	0.20	1.00

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,29,30,31,33 covered under NABL scope and Parameter No. 27,32 does not cover under NABL scope-
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Puran Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: TC502519100000939P)



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519100000939F
Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera, District : Bhilwara- 311802 (Rajasthan)
Item :	Potable & Domestic Water (Microbiology)
Quantity of Sample :	2 Ltr.
Date of Collection :	06-06-2019
Date of Receipt :	13-06-2019
Date of Test :	13-06-2019 to 27-06-2019
Collected By :	Sitaram jangid
Sample Identification :	Village Jaliya (Water Storage tank)
Lot/Batch No. :	Not Specified
Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Testing Method	Observed Value
1	E. coli [MPN/100ml]	IS 5887 (Part 1) : 1976 RA 2013	BDL
2	Total coliform [MPN/100ml]	IS 5401 (Part 2) : 2012	BDL

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Puran Mal Yogi
Senior Analyst

Rajesh Maneshwari
Authorized Signatory
(Report No: TC502519100000939F)



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Office : E-85, Chitranganj Marg,
C-Schema, Jaipur-302001
Phone : 0141-2368980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC5325191100009872	Date:	11-07-2019
Issued To:	M/S Jindal Saw Limited (Lampiya Mines) ML No 627/05, Village : Lampiya Tehsil : Banera,, District : Bhilwara- 311802 (Rajasthan).	Type of Unit:	Mines
Type of Sample:	Portable and Domestic Water	Date of Sample Collection/Monitoring:	06-06-2019
Point of Collection:	Banera Village [74°40'45"N 25°29'45"E]	Date of Receipt:	17-06-2019
Date of Test/Analysis:	17-06-2019 to 27-06-2019	Sampling Plan:	IS 3025:1987(Part 1)RA 2014
Quantity of Sample:	2 Ltr.	Sample Collected By:	Sitaram jangid
Unit's representative:	Shitanshu Pandey	Condition of Sample:	Fit for testing

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 5.0	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	7.56	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 9.50	-
6	Hardness (total) [mg/l]	520	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Chloride [mg/l]	194.94	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00

Note:

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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001

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

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.

RESULTS

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
9	Total Dissolved Solids [mg/l]	925	IS 3025 (Part 18) : 1984 RA 2017	500.00	2000.00
10	Calcium [mg/l]	128	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
11	Magnesium [mg/l]	48.6	IS 3025 (Part 46) : 1984 RA 2014	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59) : 2008 RA 2017	0.1	0.3
14	Sulphate [mg/l]	88.89	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
15	Nitrate [mg/l]	17.15	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
16	Fluoride [mg/l]	1.13	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
21	Alkalinity - T [mg/l]	220	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	0.2
23	Boron [mg/l]	0.43	IS 13428 (Annexure H)	0.5	1.0
24	Total Chromium [mg/l]	BDL(<0.01)	APHA, 2017 : 3111-B	0.05	-
25	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	1.0
26	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-

Note:

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Office : E-85, Chitraranjan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049

RESULTS

Sl. No.	Parameters	Observed Value	Testing Protocol	Limit as per IS 10500 : 2012	limits in the absence of Alternate Sources as per IS 10500 : 2012
27	Polynuclear aromatic Hydrocarbon [mg/l]	BDL (<0.000)	APHA 2017 : B440 B	0.0001	-
28	Phenolic Compound [mg/l]	BDL (<0.001)	IS 3025 (Part 43) : 1992 RA 2014	0.001	-
29	Mineral oil [mg/l]	BDL (<0.5)	IS 3025 (Part 39) : 199 RA 2014	0.5	-
30	Cyanide [mg/l]	BDL (<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
31	Calcium Hardness [mg/l]	340	IS 3025 (Part 40) : 1991 RA 2014	-	-
32	Selenium [mg/l]	BDL (<0.01)	IS 3025 (Part 56) : 2003 RA 2014	0.01	-
33	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-
34	Anionic Surface Detergents as MBA's [mg/l]	BDL (<0.1)	IS 13428 (Annexure K)	0.20	1.00

Notes :

- * Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32 covered under NABL scope and Parameter No. 27-30 are not cover under NABL scope
- * Parameter No. NONE outsourced for testing
- ✓ The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither intended nor implied.
- * This report is not to be reproduced wholly or in part and can not be used as evidence in the court of law and should not be used in any governing media without our special permission in writing.
- * All samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Manoj
Senior Analyst

Manoj
Authorized Signatory
(Report No: TC50251910000C987P)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519100000987F
Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera, District : Bhilwara- 311802 (Rajasthan)
Item :	Potable & Domestic Water (Microbiology)
Quantity of Sample :	2 Ltr.
Date of Collection :	06-06-2019
Date of Receipt :	17-06-2019
Date of Test :	17-06-2019 to 27-06-2019
Collected By :	Sitaram jangid
Sample Identification :	Not Specified
Lot/Batch No. :	Not Specified
Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Testing Method	Observed Value
1	E. coli [MPN/100ml]	IS 5887 (Part 1) : 1976 RA 2013	BDL
2	Total coliform [MPN/100ml]	IS 5401 (Part 2) : 2012	BDL

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # 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.
- # The samples will be destroyed after 30 days from the date of issue of test report unless otherwise specified.

Puran Mal Yogi
Senior Analyst

Rajesh Maheshwari
Authorized Signatory
(Report No: TC502519100000987F)



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502519100000940P	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera,, District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	06-06-2019
Point of Collection :	Village Mahua Khurd (Govt. Adarsh Higher Secoundray School Mahua Khurd) [74°39'25"N,25°26'22"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

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 then 5.0	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	7.50	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	340	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Chloride [mg/l]	136.98	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00

Note:

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Raj
Rajesh Maheshwan



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001

Phone : 0141-2369980, 2771865

Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.

Ph.: 94602-22035, 94602-22049

Email: teamtesthouse@gmail.com
(E-mail director@teamtesthouse.com)

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limit (as per IS 10500 : 2012)	Limit in the absence of Alternate Sources as per IS 10500 : 2012
9	Total Dissolved Solids [mg/l]	703	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
10	Calcium [mg/l]	73.6	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
11	Magnesium [mg/l]	37.91	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
14	Sulphate [mg/l]	2.67	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
15	Nitrate [mg/l]	24.90	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
16	Fluoride [mg/l]	0.46	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
21	Alkalinity - T [mg/l]	248	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	0.2
23	Boron [mg/l]	0.42	IS 13428 (Annexure H)	0.5	1.0
24	Total Chromium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	0.05	-
25	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	-
26	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-

Note:

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Rajesh
Rajesh Maheshwari



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Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@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
28	Phenolic Compound [mg/l]	BDL(<0.01)	IS 3025 (Part 43) : 1992 RA 2014	0.001	-
29	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
30	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
31	Calcium Hardness [mg/l]	184	IS 3025 (Part 40) : 1991 RA 2014	-	-
32	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-
33	Selenium [mg/l]	BDL(0.01)	IS 3025 (Part 56) : 2003 RA 2014	0.01	-
34	Anionic Surface Detergents as MBA's [mg/l]	BDL(<0.1)	IS 13428 (Annexure K)	0.20	1.00

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,29,30,31,33 covered under NABL scope and Parameter No. 27,32 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # 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.
- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Senior Analyst

Authorized Signatory

(Report No: TC502519100000940P)



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C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. : TC502519100000940F
Date : 28-06-2019
Issued To : M/S Jindal Saw Limited (Lampiya Mines)
ML No. 627/05, Village : Lampiya Tehsil : Banera,
District : Bhilwara- 311802 (Rajasthan)
Item : Potable & Domestic Water (Microbiology)
Quantity of Sample : 2 Ltr.
Date of Collection : 06-06-2019
Date of Receipt : 13-06-2019
Date of Test : 13-06-2019 to 27-06-2019
Collected By : Sitaram jangid
Sample Identification : Village Mahua Khurd (Govt. Adarsh Higher Secoundray School Mahua Khurd)
Lot/Batch No. : Not Specified
Condition of Sample : Fit for testing

RESULTS

S.No	Parameters	Testing Method	Observed Value
1	E. coli [MPN/100ml]	IS 5887 (Part 1) : 1976 RA 2013	BDL
2	Total coliform [MPN/100ml]	IS 5401 (Part 2) : 2012	BDL

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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- # The samples will be destroyed after 30 days from the date of issue of test report unless otherwise specified.


Puran Mal Yoni
Senior Analyst


Rajesh Maheshwar
Authorized Signatory
(Report No: TC502519100000940F)



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Office : E-65, Chitraranjan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519100000942P	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera,, District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	07-06-2019
Point of Collection :	Chimanpura Village [74°37'13"N,25°26'44"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram Jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

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 5.0	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Color [Hazen]	Less than 5.0	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
3	Odour	Agreeable	IS 3025 (Part 5) : 1983 RA 2017	Agreeable	-
4	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
5	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
6	pH	7.53	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
7	Hardness (total) [mg/l]	304	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
8	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-

Note:

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Rajesh Maheshwari



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001

Phone : 0141-2369980, 2771865

Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.

Ph.: 04602-22036, 04602-22049

E-mail : teamtesthouse@gmail.com
(General Director) teamtesthouse@gmail.com

RESULTS

Sl. No.	Parameters	Observed Value	Testing Protocol	IS 10500 : 2012 Limit	IS 10500 : 2012 Alternate Sources
9	Chloride [mg/l]	199.6	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00
10	Total Dissolved Solids [mg/l]	871	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
11	Calcium [mg/l]	100.8	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
12	Magnesium [mg/l]	12.64	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
13	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	0.05	1.50
14	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
15	Sulphate [mg/l]	48.33	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
16	Nitrate [mg/l]	20.19	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
17	Fluoride [mg/l]	0.56	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
18	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
19	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
20	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
21	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
22	Alkalinity - T [mg/l]	224	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
23	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	0.2
24	Boron [mg/l]	0.43	IS 13428 (Annexure H)	0.5	1.0
25	Total Chromium [mg/l]	BDL(<0.01)	APHA : 2017 : 3111- B	0.05	-
26	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	1.0

Note:

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Rajesh Maheshwari



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.

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

Ph.: 94602-22036, 94602-22049
Email: info@teamtesthouse.com

RESULTS

S. No.	Parameters	Observed Value	Testing Protocol	Requirement (Limit) as per IS 10500 : 2012	Remarks
27	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-
28	Polynuclear aromatic Hydrocarbon [mg/l]	BDL(<0.0001)	APHA 2017 : 6440 B	0.0001	-
29	Phenolic Compound [mg/l]	BDL(<0.001)	IS 3025 (Part 43) : 1992 RA 2014	0.001	-
30	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
31	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
32	Calcium Hardness [mg/l]	252	IS 3025 (Part 40) : 1991 RA 2014	-	-
33	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-
34	Anionic Surface Detergents as MBA's [mg/l]	BDL(<0.1)	IS 13428 (Annexure K)	0.20	1.00

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,29,30,31,32,34 covered under NABL scope and Parameter No. 28,33 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.

Puran Mal Yogi
Senior Analyst

Rajesh Manishwan
Authorized Signatory
(Report No: TC502519100000942P)



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519100000942F
Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera, District : Bhilwara- 311802 (Rajasthan)
Item :	Potable & Domestic Water (Microbiology)
Quantity of Sample :	2 Ltr.
Date of Collection :	07-06-2019
Date of Receipt :	13-06-2019
Date of Test :	13-06-2019 to 27-06-2019
Collected By :	Sitaram jangid
Sample Identification :	Chimarpura Village
Lot/Batch No. :	Not Specified
Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Testing Method	Observed Value
1	E. coli [MPN/100ml]	IS 5887 (Part 1) : 1976 RA 2013	BDL
2	Total coliform [MPN/100ml]	IS 5401 (Part 2) : 2012	BDL

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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- # The samples will be destroyed after 30 days from the date of issue of test report unless otherwise specified.

Puran Mal Yogi
Senior Analyst

Rajesh Maheshwar
Authorized Signatory
(Report No: TC502519100000942F)



TEAM TEST HOUSE

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



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519100000941P	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera,, District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	07-06-2019
Point of Collection :	Mandal Village [74°34'5"N,25°27'0"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

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 5.0	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL(<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	8.07	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	176	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Chloride [mg/l]	84.14	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00
9	Total Dissolved Solids [mg/l]	309	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00

Note:

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Rajesh Maheshwan



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001

Phone : 0141-2369980, 2771885
IS No. Parameters
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.

Ph.: 94602-22036, 94602-22049
E-mail: teamtest@rediffmail.com
(E-mail to Director@Permissio@teamtesthouse.com)

RESULTS

IS No.	Parameters	Observed Value	Testing Protocol	Permissible Limit) as per IS 10500 : 2012	Standard limits in the absence of Alternate Sources as per IS 10500 : 2012
10	Calcium [mg/l]	41.6	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
11	Magnesium [mg/l]	17.5	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
12	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	0.05	1.50
13	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
14	Sulphate [mg/l]	32.67	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
15	Nitrate [mg/l]	10.23	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
16	Fluoride [mg/l]	0.67	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
17	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
18	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
19	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
20	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
21	Alkalinity - T [mg/l]	164	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
22	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	0.2
23	Boron [mg/l]	0.39	IS 13428 (Annexure H)	0.5	1.0
24	Total Chromium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	0.05	-
25	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	1.0
26	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-
27	Polynuclear aromatic Hydrocarbon [mg/l]	BDL(<0.0001)	APHA 2017 : 6440 B	0.0001	-

Note:

Continue to next page...

Rajesh Maheshwan



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C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@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
28	Phenolic Compound [mg/l]	BDL(<0.01)	IS 3025 (Part 43) : 1992 RA 2014	0.001	-
29	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
30	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
31	Calcium Hardness [mg/l]	104	IS 3025 (Part 40) : 1991 RA 2014	-	-
32	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-
33	Selenium [mg/l]	BDL(0.01)	IS 3025 (Part 56) : 2003 RA 2014	0.01	-
34	Anionic Surface Detergents as MBA's [mg/l]	BDL(<0.1)	IS 13428 (Annexure K)	0.20	1.00

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,28,29,30,31,33 covered under NABL scope and Parameter No. 27,32 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Puran Khera
Senior Analyst

Rajesh K. Mishra
Authorized Signatory
(Report No: TC502519100000941P)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. : TC502519100000941F
Date : 28-06-2019
Issued To : M/S Jindal Saw Limited (Lampiya Mines)
ML No. 627/05, Village : Lampiya Tehsil : Banera,
District : Bhilwara- 311802 (Rajasthan)
Item : Potable & Domestic Water (Microbiology)
Quantity of Sample : 2 Ltr.
Date of Collection : 07-06-2019
Date of Receipt : 13-06-2019
Date of Test : 13-06-2019 to 27-06-2019
Collected By : Sitaram jangid
Sample Identification : Mandal Village
Lot/Batch No. : Not Specified
Condition of Sample : Fit for testing

RESULTS

S.No	Parameters	Testing Method	Observed Value
1	E. coli [MPN/100ml]	IS 5887 (Part 1) : 1976 RA 2013	BDL
2	Total coliform [MPN/100ml]	IS 5401 (Part 2) : 2012	BDL

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Purn Mal Yogi

Senior Analyst


Rakesh Maheshwan

Authorized Signatory

(Report No: TC502519100000941F)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No : W/113
Date : 10/07/2019
Issued to : M/s Jindal Saw Limited (Lampiya Mines)
ML No. 627/05, Village : Lampiya, Tehsil : Banera ,
District Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Water Level Measurement
Date of Measurement : 06/06/2019 to 07/06/2019
Date of Test : 15/06/2019
Water Level Measured By : Banwari Lal Kumawat

RESULTS

S.No	Location	Water Level in Meters
1	Lampiya Village	25.50
2	Devpura Village	16.71
3	Jaliya Village	20.15
4	Kamalpura Village	10.80
5	Mahua Khurd	17.01
6	Banera Village	19.05
7	Chimanpura Vilage	7.25
8	Mandal village	27.13

Note: -

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Puran MarYogi
Senior Analyst


Rajesh Maheshwan
Authorized Signatory
(Report No: W/113)



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Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

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

TEST REPORT

Report No./ULR No. :	TC502519100000943P	Date :	17-07-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring :	07-06-2019
Point of Collection :	Mandal Pond [74°34'2"N,25°27'1"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

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 then 5.0	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 1983 RA 2017	Agreeable	-
3	Taste	Agreeable	IS 3025 (Part 7 & 8) : 1984 RA 2017	Agreeable	-
4	Turbidity [NTU]	BDL (< 0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
5	pH	7.61	IS 3025 (Part 11) : 1984 RA 2017	6.50 - 8.50	-
6	Hardness (total) [mg/l]	120	IS 3025 (Part 21) : 1983 RA 2014	200.00	600.00
7	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-
8	Iron [mg/l]	BDL(<0.01)	IS 3025 (Part 53) : 2003 RA 2014	0.3	-

Note:

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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001

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

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.

Ph.: 94602-22036, 94602-22049
Email: teamtesthouse@gmail.com

RESULTS

Sl. No.	Parameter	Observed Value	Testing Protocol	Equivalent test (Equivalent Limit) as per IS 10500 : 2012	Use @ limits in the absence of Alternate Sources as per IS 10500 : 2012
9	Chloride [mg/l]	135.02	IS 3025 (Part 32) : 1988 RA 2014	250.00	1000.00
10	Total Dissolved Solids [mg/l]	394	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
11	Calcium [mg/l]	28.8	IS 3025 (Part 40) : 1991 RA 2014	75.00	200.00
12	Magnesium [mg/l]	11.66	IS 3025 (Part 46) : 1994 RA 2014	30.00	100.00
13	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	0.05	1.50
14	Copper [mg/l]	BDL(<0.01)	IS 3025 (Part 42) : 1992 RA 2014	0.05	1.50
15	Manganese [mg/l]	BDL(<0.01)	IS 3025 (Part 59) : 2006 RA 2017	0.1	0.3
16	Sulphate [mg/l]	31.78	IS 3025 (Part 24) : 1986 RA 2014	200.00	400.00
17	Nitrate [mg/l]	12.96	IS 3025 (Part 34) : 1988 RA 2014	45.00	-
18	Fluoride [mg/l]	0.49	IS 3025 (Part 60) : 2008 RA 2013	1.00	1.50
19	Cadmium [mg/l]	BDL(<0.001)	IS 3025 (Part 41) : 1992 RA 2014	0.003	-
20	Arsenic [mg/l]	BDL(<0.001)	IS 3025 (Part 37) : 1988 RA 2014	0.01	-
21	Lead [mg/l]	BDL(<0.01)	IS 3025 (Part 47) : 1994 RA 2014	0.01	-
22	Zinc [mg/l]	BDL(<0.01)	IS 3025 (Part 49) : 1994 RA 2014	5.00	15.00
23	Alkalinity - T [mg/l]	144	IS 3025 (Part 23) : 1986 RA 2014	200.00	600.00
24	Aluminum [mg/l]	BDL(<0.01)	IS 3025 (Part 55) : 2003 RA 2014	0.03	0.2
25	Boron [mg/l]	0.36	IS 13428 (Annexure H)	0.5	1.0
26	Suspended Solids [mg/l]	9	IS 3025 (Part 17) : 1984 RA 2017	-	-

Note:

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Rajesh Maheshwan
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JDA/UDI

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001

Phone : 0141-2369980, 2771865

Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.

Ph.: 94602-22036, 94602-22040

Email: teamtesthouse@rediffmail.com

RESULTS

Sl. No.	Parameter	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
27	Total Chromium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	0.05	-
28	Free Residual Chlorine [mg/l]	BDL(<0.1)	IS 3025 (Part 26) : 1986 RA 2014	0.2	1.0
29	Mercury [mg/l]	BDL(<0.001)	IS 3025 (Part 48) : 1994 RA 2014	0.001	-
30	Polynuclear aromatic Hydrocarbon [mg/l]	BDL(<0.0001)	APHA 2017 : 6440 B	0.0001	-
31	Phenolic Compound [mg/l]	BDL(<0.001)	IS 3025 (Part 43) : 1992 RA 2014	0.001	-
32	Mineral oil [mg/l]	BDL(<0.5)	IS 3025 (Part 39) : 1991 RA 2014	0.5	-
33	Cyanide [mg/l]	BDL(<0.01)	IS 3025 (Part 27) : 1986 RA 2014	0.05	-
34	Calcium Hardness [mg/l]	72	IS 3025 (Part 40) : 1991 RA 2014	-	-
35	Pesticides [mg/l]	Not Detected	APHA : 2017	-	-
36	Anionic Surface Detergents as MBA's [mg/l]	BDL(<0.1)	IS 13428 (Annexure K)	0.20	1.00
37	Selenium [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	-	-

Notes :-

- # Parameter No. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,31,32,33,34,36,37 covered under NABL scope and Parameter No. 30,35 does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # 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
Puran Mal Yogi
Senior Analyst

Rajeshwar Prasad
Rajeshwar Prasad
Authorized Signatory
(Report No: TC502519100000943P)



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JDA/UDH

Office : E-65, Chitrangan Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab : G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. : TC502519100000943F
Date : 28-06-2019
Issued To : M/S Jindal Saw Limited (Lampiya Mines)
ML No. 627/05, Village : Lampiya Tehsil : Banera,
District : Bhilwara- 311802 (Rajasthan)
Item : Potable & Domestic Water (Microbiology)
Quantity of Sample : 2 Ltr.
Date of Collection : 07-06-2019
Date of Receipt : 13-06-2019
Date of Test : 13-06-2019 to 27-06-2019
Collected By : Sitaram jangid
Sample Identification : Mandal Pond
Lot/Batch No. : Not Specified
Condition of Sample : Fit for testing

RESULTS

S.No	Parameters	Testing Method	Observed Value
1	E. coli [MPN/100ml]	IS 5887 (Part 1) : 1976 RA 2013	BDL
2	Total coliform [MPN/100ml]	IS 5401 (Part 2) : 2012	BDL

Notes ->

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Puran Mal Yogi

Senior Analyst

Authorized Signatory

(Report No: TC502519100000943F)



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Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./JLR No. :	TC502519600001037F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	06-06-2019
Point of Collection :	Village Lampiya (Nr Mining Area in front of Lakshman Singh Farm House) [74°40'30"N 25°27'39"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	52.7	IS 9989	55
2	Noise Level (Night Time) : Leq [dB(A)]	41.0	IS 9989	45

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Puran Mal Yogi
Puran Mal Yogi
Senior Analyst

Rajesh Hanishwan
Rajesh Hanishwan
Authorized Signatory
(Report No: TC502519600001037F)



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 9001:2015 OHSAS 18001:2007 JDA/UDH

Office : E-65, Chitranganj Marg,
C-Scheme, Jaipur-302001
Phone : 0141-2369980, 2771865
Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519600001036F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines.
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	03-06-2019
Point of Collection :	Kamalpura Village [74°38'44"N,25°28' 18"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	50.4	IS 9989	55
2	Noise Level (Night Time) : Leq [dB(A)]	39.7	IS 9989	45

Notes :-

- # Parameter No. 1,2,3,4 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
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- # The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.


Puran Mai Yogi
Senior Analyst


Rajesh Manaswan
Authorized Signatory
(Report No: TC502519600001036F)



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JDA/UDH

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C-Scheme, Jaipur-302001
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Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502519600001035F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	04-06-2019
Point of Collection :	Devpura Village (Shri Narayan Lal Ji House) [74°37'56"N, 25°26'53"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	50.6	IS 9989	55
2	Noise Level (Night Time) : Leq [dB(A)]	42.3	IS 9989	45

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Senior Analyst


Authorized Signatory
(Report No: TC502519600001035F)



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Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519600001034F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	03-06-2019
Point of Collection :	Jaliya Village (Ramji Lal House) [74°38'26"N,25°26'31"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	51.9	IS 9989	55
2	Noise Level (Night Time) : Leq [dB(A)]	43.6	IS 9989	45

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Puran Mai Tugli
Senior Analyst

Rajesh Mishra
Authorized Signatory
(Report No: TC502519600001034F)



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Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519600001039F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera, District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	05-06-2019
Point of Collection :	Village Banera (Leaturam House) [74°41'18"N,25°30'7"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	50.3	IS 9989	55
2	Noise Level (Night Time) : Leq [dB(A)]	41.2	IS 9989	45

Notes :-

- # Parameter No. 1.2.3.4 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing
- # 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 Maheshwan
Authorized Signatory

(Report No: TC502519600001039F)



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Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./JLR No. :	TC502519600001040F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	04-06-2019
Point of Collection :	Mahua Khurd Village [74°39'25"N,25°26'22"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	51.6	IS 9989	55
2	Noise Level (Night Time) : Leq [dB(A)]	41.7	IS 9989	45

Notes ->

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Puran Mal Yogi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: TC502519600001040F)



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Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No. :	TC502519600001038F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	04-06-2019
Point of Collection :	Chimanpura Village [74°37'15N 25°26'47"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	53.1	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	42.7	IS 9989	70

Notes :

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Senior Analyst
Purnima Malhotra


Authorized Signatory
Rajeshwari Swarni
(Report No: TC502519600001038F)



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C-Scheme, Jaipur-302001
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Website : www.teamtesthouse.com

Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502519600001041F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan).	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	03-06-2019
Point of Collection :	Mandal Village [74°34'03"N 25°26'23"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	53.1	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	40.3	IS 9989	70

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
- # Parameter No. NONE outsourced for testing.
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Murari
Murari Kumar
Senior Analyst

Raj
Rajesh Manojswani
Authorized Signatory
(Report No: TC502519600001041F)



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Lab.: G1-584, Sitapura Industrial Area
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E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./JLR No. :	TC502519600001042F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Benara., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	06-06-2019
Point of Collection :	Ore Storage & Loading Point [74°38'3"N,25°26'31"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	65.4	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	58.1	IS 9989	65

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Senior Analyst

(Report No: TC502519600001042F)



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Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No./ULR No.:	TC502519600001043F	Date :	28-06-2019
Issued To :	M/S Jindal Saw Limited (Lampiya Mines) ML No. 627/05, Village : Lampiya Tehsil : Banera., District : Bhilwara- 311802 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	06-06-2019
Point of Collection :	Hual Road [74°38'3"N,25°26'31"E]	Date of Receipt :	13-06-2019
Date of Test/Analysis :	13-06-2019 to 27-06-2019	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	N/A	Sample Collected By :	Sitaram jangid
Unit's representative :	Shitanshu Pandey	Condition of Sample :	Fit for testing

RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	63.6	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	55.5	IS 9989	65

Notes :-

- # Parameter No. 1,2 covered under NABL scope and Parameter No. NONE does not cover under NABL scope
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Puran Mal Yogi
Senior Analyst


Raj Maheshwan
Authorized Signatory
(Report No: TC502519600001043F)



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Lab.: G1-584, Sitapura Industrial Area
Tonk Road, JAIPUR-302022 Raj.
Ph.: 94602-22036, 94602-22049
E-mail : teamtesthouse@gmail.com
E-mail : director@teamtesthouse.com

TEST REPORT

Report No : W/113
Date : 10/07/2019
Issued to : M/s Jindal Saw Limited (Lampiya Mines)
ML No. 627/05, Village : Lampiya, Tehsil : Banera,
District Bhilwara 311802 (Rajasthan)
Type of Unit : Mines
Type of Sample : Water Level Measurement
Date of Measurement : 06/06/2019 to 07/06/2019
Date of Test : 15/06/2019
Water Level Measured By : Banwari Lal Kumawat

RESULTS

S.No	Location	Water Level in Meters
1	Lampiya Village	25.50
2	Devpura Village	16.71
3	Jaliya Village	20.15
4	Kamalpura Village	10.80
5	Mahua Khurd	17.01
6	Banera Village	19.05
7	Chimanpura Vilage	7.25
8	Mandal village	27.13

Note: -

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Puran Marvadi
Senior Analyst


Rajesh Maheshwari
Authorized Signatory
(Report No: W/113)