



# Mahabal Enviro Engineers Pvt. Ltd.

Engineers, Consultants, Environmental Monitoring Laboratory & Contractors

Plot Nos. 13,14,17,18, Grampanchayat Bokhara, 8 km from Nagpur City,

Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist.Nagapur-441111

Phone : 91-712-2612162 T/Fax: 91-712-2612212 Email: [nagpur@mahabal.com](mailto:nagpur@mahabal.com)

## Ambient Air Quality Monitoring Report

<b>Report No. :</b> ME-NS0401-160315-SA-RNPL-NASHIK		<b>Date:</b> 15.03.2016	
<b>Name and Address of Customer</b>	<b>RattanIndia Nasik Power Ltd.</b> (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.		<b>Order Reference</b>
			Your Work Order No. 3320004967 Dt. 12.01.2016 Amendment: 1 Dt.16.01.2014
<b>Sample Description/Type</b>	Ambient Air	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	Near RNPL Office	<b>Sample Quantity/Packing</b>	PM <sub>10</sub> , B(a)P, Ni, As, Pb: Filter Paper 1 X 3 No. PM <sub>2.5</sub> : Filter Paper 1 X 1 No. SO <sub>2</sub> : 30 mL X 6 No. Plastic Bottle NO <sub>2</sub> : 30 mL X 6 No. Plastic Bottle NH <sub>3</sub> : 10 mL X24 No.Plastic Bottle CO: 1 No. Plastic Bulb O <sub>3</sub> : 10 mL X 1 No. Plastic Bottle Benzene: Charcoal Tubes: 1 X 6 No. Mercury: 30 mL X 6 No. Glass Bottle
<b>Date of Sampling</b>	09.03.2016 to 10.03.2016	<b>Date of Receipt of Sample</b>	10.03.2016
<b>Sampling Procedure</b>	As per method reference		
<b>Date of Start of Analysis</b>	11.03.2016	<b>Date of Completion of Analysis</b>	14.03.2016

Meteorological Data				
Average Wind velocity 0.38 km/h	Relative Humidity %		Temperature °C	
	Max.	Min.	Max.	Min.
	90	26	32	16
<b>Location :</b> Near RNPL Office		<b>Duration of Survey :</b> 24 hours		
Parameter	Unit	Result	# National Ambient Air Quality Standards (NAAQS) (Industrial, Residential, Rural and other Area)	Method Reference
Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	5.9	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1
Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	6.6	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7

*Report No. 0401 cont...*

Parameter	Unit	Result	# National Ambient Air Quality Standards (NAAQS) (Industrial, Residential, Rural and other Area)	Method Reference
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	µg/m <sup>3</sup>	82	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	µg/m <sup>3</sup>	28	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.15
Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	<19.6	180	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.31
Lead (Pb)	µg/m <sup>3</sup>	<0.02	01	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.48
Carbon Monoxide (CO)	mg/m <sup>3</sup>	<0.5	04	IS 5182 (Part 10):1999 RA 2003
Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	<20	400	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.35
Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	2.0	05	IS 5182 (Part 11): 2006
Benzo(a)Pyrene (BaP) (Particulate phase only)	ng/m <sup>3</sup>	<0.5	01	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.40
Arsenic (As)	ng/m <sup>3</sup>	<0.3	06	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.48
Nickel (Ni)	ng/m <sup>3</sup>	<3	20	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.48
Mercury	µg/m <sup>3</sup>	<0.06	-	EPA/625/R-96/010 a Compendium Method 10-3.4
<p><b>Remarks:</b> TWA - Time Weighted Average.                      #- NAAQS(National Ambient Air Quality Standards(Industrial, Residential, Rural and other area) specified as: 24 h. TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM<sub>10</sub>, PM<sub>2.5</sub>, Lead and Ammonia; 8 h. TWA in case of Carbon Monoxide; 1 h. TWA in case of Ozone, Annual TWA in case of Benzene, Benzo (a)Pyrene, Arsenic and Nickel</p>				

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FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.



Kishor Yeole

**BRANCH MANAGER**



Note:

1. The result listed refers only to the tested sample(s) and applicable parameter(s).
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## Ambient Air Quality Monitoring Report

<b>Report No. :</b> ME-NS0400-160315-SA-RNPL-NASHIK		<b>Date:</b> 15.03.2016	
<b>Name and Address of Customer</b>	<b>RattanIndia Nasik Power Ltd.</b> (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.		<b>Order Reference</b>
			Your Work Order No. 3320004967 Dt. 12.01.2016 Amendment: 1 Dt.16.01.2014
<b>Sample Description/Type</b>	Ambient Air	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	Near Weigh Bridge	<b>Sample Quantity/Packing</b>	PM <sub>10</sub> , B(a)P, Ni, As, Pb: Filter Paper 1 X 3 No. PM <sub>2.5</sub> : Filter Paper 1 X 1 No. SO <sub>2</sub> : 30 mL X 6 No. Plastic Bottle NO <sub>2</sub> : 30 mL X 6 No. Plastic Bottle NH <sub>3</sub> : 10 mL X24 No. Plastic Bottle CO: 1 No. Plastic Bulb O <sub>3</sub> : 10 mL X 1 No. Plastic Bottle Benzene: Charcoal Tubes: 1 X 6 No. Mercury: 30 mL X 6 No. Glass Bottle
<b>Date of Sampling</b>	09.03.2016 to 10.03.2016	<b>Date of Receipt of Sample</b>	10.03.2016
<b>Sampling Procedure</b>	As per method reference		
<b>Date of Start of Analysis</b>	11.03.2016	<b>Date of Completion of Analysis</b>	14.03.2016

Meteorological Data				
Average Wind velocity 0.38 km/h	Relative Humidity %		Temperature °C	
	Max.	Min.	Max.	Min.
	90	26	32	16
<b>Location :</b> Near Weigh Bridge		<b>Duration of Survey :</b> 24 hours		
Parameter	Unit	Result	# National Ambient Air Quality Standards (NAAQS) (Industrial, Residential, Rural and other Area)	Method Reference
Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	8.8	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1
Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	5.2	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7

*Report No. 0400 cont...*

Parameter	Unit	Result	# National Ambient Air Quality Standards (NAAQS) (Industrial, Residential, Rural and other Area)	Method Reference
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	µg/m <sup>3</sup>	86	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	µg/m <sup>3</sup>	28	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.15
Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	<19.6	180	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.31
Lead (Pb)	µg/m <sup>3</sup>	<0.02	01	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.48
Carbon Monoxide (CO)	mg/m <sup>3</sup>	<0.5	04	IS 5182 (Part 10):1999 RA 2003
Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	<20	400	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.35
Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	1.3	05	IS 5182 (Part 11): 2006
Benzo(a)Pyrene (BaP) (Particulate phase only)	ng/m <sup>3</sup>	<0.5	01	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.40
Arsenic (As)	ng/m <sup>3</sup>	<0.3	06	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.48
Nickel (Ni)	ng/m <sup>3</sup>	<3	20	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.48
Mercury	µg/m <sup>3</sup>	<0.06	-	EPA/625/R-96/010 a Compendium Method 10-3.4
<p><b>Remarks:</b> TWA - Time Weighted Average.                      #- NAAQS(National Ambient Air Quality Standards(Industrial, Residential, Rural and other area) specified as: 24 h. TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM<sub>10</sub>, PM<sub>2.5</sub>, Lead and Ammonia; 8 h. TWA in case of Carbon Monoxide; 1 h. TWA in case of Ozone, Annual TWA in case of Benzene, Benzo (a)Pyrene, Arsenic and Nickel</p>				

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## Ambient Air Quality Monitoring Report

<b>Report No. :</b> ME-NS0402-160315-SA-RNPL-NASHIK		<b>Date:</b> 15.03.2016	
<b>Name and Address of Customer</b>	RattanIndia Nasik Power Ltd. (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.		<b>Order Reference</b>
			Your Work Order No. 3320004967 Dt. 12.01.2016 Amendment: 1 Dt.16.01.2014
<b>Sample Description/Type</b>	Ambient Air	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	Near Boiler House	<b>Sample Quantity/Packing</b>	PM <sub>10</sub> , B(a)P, Ni, As, Pb: Filter Paper 1 X 3 No. PM <sub>2.5</sub> : Filter Paper 1 X 1 No. SO <sub>2</sub> : 30 mL X 6 No. Plastic Bottle NO <sub>2</sub> : 30 mL X 6 No. Plastic Bottle NH <sub>3</sub> : 10 mL X 24 No. Plastic Bottle CO: 1 No. Plastic Bulb O <sub>3</sub> : 10 mL X 1 No. Plastic Bottle Benzene: Charcoal Tubes: 1 X 6 No. Mercury: 30 mL X 6 No. Glass Bottle
<b>Date of Sampling</b>	09.03.2016 to 10.03.2016	<b>Date of Receipt of Sample</b>	10.03.2016
<b>Sampling Procedure</b>	As per method reference		
<b>Date of Start of Analysis</b>	11.03.2016	<b>Date of Completion of Analysis</b>	14.03.2016

Meteorological Data				
Average Wind velocity 0.38 km/h	Relative Humidity %		Temperature °C	
	Max.	Min.	Max.	Min.
		90	26	32
<b>Location :</b> Near Boiler House		<b>Duration of Survey :</b> 24 hours		
Parameter	Unit	Result	# National Ambient Air Quality Standards (NAAQS) (Industrial, Residential, Rural and other Area)	Method Reference
Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	5.1	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.1
Nitrogen Dioxide (NO <sub>2</sub> )	µg/m <sup>3</sup>	4.4	80	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.7

*Report No. 0402 cont...*

Parameter	Unit	Result	# National Ambient Air Quality Standards (NAAQS) (Industrial, Residential, Rural and other Area)	Method Reference
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	µg/m <sup>3</sup>	84	100	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13, Page No.11
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	µg/m <sup>3</sup>	21	60	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.15
Ozone (O <sub>3</sub> )	µg/m <sup>3</sup>	<19.6	180	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.31
Lead (Pb)	µg/m <sup>3</sup>	<0.02	01	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.48
Carbon Monoxide (CO)	mg/m <sup>3</sup>	<0.5	04	IS 5182 (Part 10):1999 RA 2003
Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	<20	400	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.35
Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	3.1	05	IS 5182 (Part 11): 2006
Benzo(a)Pyrene (BaP) (Particulate phase only)	ng/m <sup>3</sup>	<0.5	01	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.40
Arsenic (As)	ng/m <sup>3</sup>	<0.3	06	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.48
Nickel (Ni)	ng/m <sup>3</sup>	<3	20	CPCB Guidelines for the Measurement of Ambient Air Pollutants, Volume I, 2012-13,Page No.48
Mercury	µg/m <sup>3</sup>	<0.06	-	EPA/625/R-96/010 a Compendium Method 10-3.4
<p><b>Remarks:</b> TWA - Time Weighted Average.                      #- NAAQS(National Ambient Air Quality Standards(Industrial, Residential, Rural and other area) specified as: 24 h. TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM<sub>10</sub>, PM<sub>2.5</sub>, Lead and Ammonia; 8 h. TWA in case of Carbon Monoxide; 1 h. TWA in case of Ozone, Annual TWA in case of Benzene, Benzo (a)Pyrene, Arsenic and Nickel</p>				

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## Water Sample Analysis Report

<b>Report No. :</b> ME-NS0406-160316-SA-RNPL-NASHIK		<b>Date:</b> 16.03.2016	
<b>Name and Address of Customer</b>	<b>RattanIndia Nasik Power Ltd.</b> (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.	<b>Order Reference</b>	
		Your Work Order No. 3320004967 Dt. 12.01.2016 Amendment: 1 Dt.16.01.2014	
<b>Sample Description/Type</b>	Ground Water	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	Village Gulvanch	<b>Sample Quantity/Packing</b>	5 L X 1 No. Plastic Can 1 L X 1 No. Glass Bottle 250 mL X 1 No. Sterile Glass Bottle 300 mL X 1 No. Glass Bottle
<b>Date of Sampling</b>	10.03.2016	<b>Date of Receipt of Sample</b>	10.03.2016
<b>Sampling Procedure</b>	IS 1622:1981, Reaffirmed 2009; IS 3025 (Part 1): 1987, Reaffirmed 1987, Reaffirmed 1998 & APHA 22 <sup>nd</sup> Ed. 2012, 1060 B, 1-39		
<b>Date of Start of Analysis</b>	10.03.2016	<b>Date of Completion of Analysis</b>	15.03.2016

Sr. No.	Parameter	Unit	Result	Acceptable Limit for Drinking Water as per IS 10500:2012	Method Reference
<b>Physico-Chemical Analysis</b>					
1.	Colour	Hazen Units	1	Max. 5	IS 3025 (Part 4): 1983, RA 2006
2.	Odour	-	Agreeable	Agreeable	IS 3025 (Part 5): 1983, RA 2006
3.	Turbidity	N.T.U.	<0.1	Max. 1	IS 3025 (Part 10): 1983, RA 2006
4.	pH	-	8.0	6.5-8.5	IS 3025 (Part II): 1983, RA 2006
5.	Suspended Solids	mg/L	<5	-	IS 3025 (Part 17): 1984, RA 2006, Amds.1
6.	Total Dissolved Solids	mg/L	1124	Max. 500	IS 3025 (Part 16): 1984, RA 2006, Ed. 2.1 (1999-12)
7.	Dissolved Oxygen	mg/L	6.2	-	IS 3025 (Part 38): 1989, RA 2009
8.	Alkalinity (as CaCO <sub>3</sub> )	mg/L	249	Max. 200	IS 3025 (Part 23): 1986, RA 2009, Amds.1
9.	Total Hardness (as CaCO <sub>3</sub> )	mg/L	518	Max. 200	IS 3025 (Part 21): 1983, RA 2006
10.	Calcium (as Ca)	mg/L	74.6	Max. 75	IS 3025 (Part 40): 1991, RA 2009, Amds.1
11.	Magnesium (as Mg)	mg/L	80.6	Max. 30	IS 3025 (Part 46): 1994, RA 2009, Amds.2
12.	Aluminium (as Al)	mg/L	<0.025	Max. 0.03	IS 3025 (Part 55): 2003, RA 2009

*Report No. 0406 cont...*

Sr. No.	Parameter	Unit	Result	Acceptable Limit for Drinking Water as per IS 10500:2012	Method Reference
13.	Arsenic (as As)	mg/L	<0.005	Max. 0.01	IS 3025 (Part 2): 2004
14.	Cadmium (as Cd)	mg/L	<0.002	Max. 0.003	IS 3025 (Part 2): 2004
15.	Chromium (as Cr)	mg/L	<0.02	Max. 0.05	IS 3025 (Part 2): 2004
16.	Copper (as Cu)	mg/L	<0.02	Max. 0.05	IS 3025 (Part 2): 2004
17.	Iron (as Fe)	mg/L	<0.08	Max. 0.3	APHA 22 <sup>nd</sup> Ed. 2012, 3111-B, 3-18
18.	Lead (as Pb)	mg/L	<0.008	Max. 0.01	IS 3025 (Part 2): 2004
19.	Manganese (as Mn)	mg/L	<0.02	Max. 0.1	IS 3025 (Part 2): 2004
20.	Mercury (as Hg)	mg/L	<0.0008	Max. 0.001	IS 3025 (Part 2): 2004
21.	Selenium (as Se)	mg/L	<0.005	Max. 0.01	IS 3025 (Part 2): 2004
22.	Zinc (as Zn)	mg/L	<0.05	Max. 5	IS 3025 (Part 2): 2004
23.	Boron (as B)	mg/L	0.87	Max. 0.5	APHA 22 <sup>nd</sup> Ed. 2012, 4500-B-B, 4-25
24.	Chloride (as Cl)	mg/L	352	Max. 250	IS 3025 (Part 32): 1988, Reaffirmed 2009
25.	Sulphate (as SO <sub>4</sub> )	mg/L	147	Max. 200	IS 3025 (Part 24): 1986, Reaffirmed 2009
26.	Fluoride (as F)	mg/L	1.4	Max. 1	APHA 22 <sup>nd</sup> Ed. 2012, 4500-F-, D, 4-87
27.	Nitrate (as NO <sub>3</sub> )	mg/L	13.8	Max. 45	APHA 22 <sup>nd</sup> Ed. 2012, 4500-NO <sub>3</sub> , B -4-122
28.	Cyanide (as CN)	mg/L	<0.001	Max. 0.05	APHA 22 <sup>nd</sup> Ed. 2012, 4500-CN, C & E, 4-41 & 4-43
29.	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	<0.001	Max. 0.001	APHA 22 <sup>nd</sup> Ed. 2012, 5530-B & C, 5-44 & 5-47
30.	Mineral Oil	mg/L	<0.005	Max. 0.5	IS 3025 (Part 39): 1991, Reaffirmed 2009, Amds.1
<b>Microbiological Analysis</b>					
31.	Total Coliforms	MPN /100 mL	39	Not Detectable	APHA 22 <sup>nd</sup> Ed. 2012, 9221-B, 9-66
32.	<i>E. coli</i>	MPN /100 mL	Absent	Not Detectable	APHA 22 <sup>nd</sup> Ed. 2012, 9221-G, 9-76
<b>Remarks:</b>					

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## Water Sample Analysis Report

<b>Report No. :</b> ME-NS0404-160316-SA-RNPL-NASHIK		<b>Date:</b> 16.03.2016	
<b>Name and Address of Customer</b>	RattanIndia Nasik Power Ltd. (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.	<b>Order Reference</b>	
		Your Work Order No. 3320004967 Dt. 12.01.2016 Amendment: 1 Dt.16.01.2014	
<b>Sample Description/Type</b>	Ground Water	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	Village Musalgaon	<b>Sample Quantity/Packing</b>	5 L X 1 No. Plastic Can 1 L X 1 No. Glass Bottle 300 mL X 1 No. Glass Bottle
<b>Date of Sampling</b>	10.03.2016	<b>Date of Receipt of Sample</b>	10.03.2016
<b>Sampling Procedure</b>	IS 3025 (Part 1): 1987, Reaffirmed 1987, Reaffirmed 1998 & APHA 22 <sup>nd</sup> Ed. 2012, 1060 B, 1-39		
<b>Date of Start of Analysis</b>	10.03.2016	<b>Date of Completion of Analysis</b>	15.03.2016

Sr. No.	Parameter	Unit	Result	Acceptable Limit for Drinking Water as per IS 10500:2012	Method Reference
<b>Physico-Chemical Analysis</b>					
1.	Colour	Hazen Units	1	Max. 5	IS 3025 (Part 4): 1983, RA 2006
2.	Odour	-	Agreeable	Agreeable	IS 3025 (Part 5): 1983, RA 2006
3.	Turbidity	N.T.U.	<0.1	Max. 1	IS 3025 (Part 10): 1983, RA 2006
4.	pH	-	7.6	6.5-8.5	IS 3025 (Part II): 1983, RA 2006
5.	Suspended Solids	mg/L	<5	-	IS 3025 (Part 17): 1984, RA 2006, Amds.1
6.	Total Dissolved Solids	mg/L	1412	Max. 500	IS 3025 (Part 16): 1984, RA 2006, Ed. 2.1 (1999-12)
7.	Dissolved Oxygen	mg/L	6.8	-	IS 3025 (Part 38): 1989, RA 2009
8.	Alkalinity (as CaCO <sub>3</sub> )	mg/L	351	Max. 200	IS 3025 (Part 23): 1986, RA 2009, Amds.1
9.	Total Hardness (as CaCO <sub>3</sub> )	mg/L	842	Max. 200	IS 3025 (Part 21): 1983, RA 2006
10.	Calcium (as Ca)	mg/L	210	Max. 75	IS 3025 (Part 40): 1991, RA 2009, Amds.1
11.	Magnesium (as Mg)	mg/L	77.4	Max. 30	IS 3025 (Part 46): 1994, RA 2009, Amds.2
12.	Aluminium (as Al)	mg/L	<0.025	Max. 0.03	IS 3025 (Part 55): 2003, RA 2009

*Report No.0404 cont...*

Sr. No.	Parameter	Unit	Result	Acceptable Limit for Drinking Water as per IS 10500:2012	Method Reference
13.	Arsenic (as As)	mg/L	<0.005	Max. 0.01	IS 3025 (Part 2): 2004
14.	Cadmium (as Cd)	mg/L	<0.002	Max. 0.003	IS 3025 (Part 2): 2004
15.	Chromium (as Cr)	mg/L	<0.02	Max. 0.05	IS 3025 (Part 2): 2004
16.	Copper (as Cu)	mg/L	<0.02	Max. 0.05	IS 3025 (Part 2): 2004
17.	Iron (as Fe)	mg/L	<0.08	Max. 0.3	APHA 22 <sup>nd</sup> Ed. 2012, 3111-B, 3-18
18.	Lead (as Pb)	mg/L	<0.008	Max. 0.01	IS 3025 (Part 2): 2004
19.	Manganese (as Mn)	mg/L	<0.02	Max. 0.1	IS 3025 (Part 2): 2004
20.	Mercury (as Hg)	mg/L	<0.0008	Max. 0.001	IS 3025 (Part 2): 2004
21.	Selenium (as Se)	mg/L	<0.005	Max. 0.01	IS 3025 (Part 2): 2004
22.	Zinc (as Zn)	mg/L	<0.05	Max. 5	IS 3025 (Part 2): 2004
23.	Boron (as B)	mg/L	6.8	Max. 0.5	APHA 22 <sup>nd</sup> Ed. 2012, 4500-B-B, 4-25
24.	Chloride (as Cl)	mg/L	411	Max. 250	IS 3025 (Part 32): 1988, Reaffirmed 2009
25.	Sulphate (as SO <sub>4</sub> )	mg/L	178	Max. 200	IS 3025 (Part 24): 1986, Reaffirmed 2009
26.	Fluoride (as F)	mg/L	1.25	Max. 1	APHA 22 <sup>nd</sup> Ed. 2012, 4500-F-, D, 4-87
27.	Nitrate (as NO <sub>3</sub> )	mg/L	13.4	Max. 45	APHA 22 <sup>nd</sup> Ed. 2012, 4500-NO <sub>3</sub> , B -4-122
28.	Cyanide (as CN)	mg/L	<0.001	Max. 0.05	APHA 22 <sup>nd</sup> Ed. 2012, 4500-CN, C & E, 4-41 & 4-43
29.	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	<0.001	Max. 0.001	APHA 22 <sup>nd</sup> Ed. 2012, 5530-B & C, 5-44 & 5-47
30.	Mineral Oil	mg/L	<0.005	Max. 0.5	IS 3025 (Part 39): 1991, Reaffirmed 2009, Amds.1
<b>Remarks:</b>					

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## Water Sample Analysis Report

<b>Report No. :</b> ME-NS0405-160316-SA-RNPL-NASHIK		<b>Date:</b> 16.03.2016	
<b>Name and Address of Customer</b>	<b>RattanIndia Nasik Power Ltd.</b> (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.	<b>Order Reference</b>	
		Your Work Order No. 3320004967 Dt. 12.01.2016 Amendment: 1 Dt.16.01.2014	
<b>Sample Description/Type</b>	Ground Water	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	Village Kedarpur	<b>Sample Quantity/Packing</b>	5 L X 1 No. Plastic Can 1 L X 1 No. Glass Bottle 250 mL X 1 No. Sterile Glass Bottle 300 mL X 1 No. Glass Bottle
<b>Date of Sampling</b>	10.03.2016	<b>Date of Receipt of Sample</b>	10.03.2016
<b>Sampling Procedure</b>	IS 1622:1981, Reaffirmed 2009; IS 3025 (Part 1): 1987, Reaffirmed 1987, Reaffirmed 1998 & APHA 22 <sup>nd</sup> Ed. 2012, 1060 B, 1-39		
<b>Date of Start of Analysis</b>	10.03.2016	<b>Date of Completion of Analysis</b>	15.03.2016

Sr. No.	Parameter	Unit	Result	Acceptable Limit for Drinking Water as per IS 10500:2012	Method Reference
<b>Physico-Chemical Analysis</b>					
1.	Colour	Hazen Units	1	Max. 5	IS 3025 (Part 4): 1983, RA 2006
2.	Odour	-	Agreeable	Agreeable	IS 3025 (Part 5): 1983, RA 2006
3.	Turbidity	N.T.U.	<0.1	Max. 1	IS 3025 (Part 10): 1983, RA 2006
4.	pH	-	7.9	6.5-8.5	IS 3025 (Part II): 1983, RA 2006
5.	Suspended Solids	mg/L	<5	-	IS 3025 (Part 17): 1984, RA 2006, Amds.1
6.	Total Dissolved Solids	mg/L	728	Max. 500	IS 3025 (Part 16): 1984, RA 2006, Ed. 2.1 (1999-12)
7.	Dissolved Oxygen	mg/L	6.5	-	IS 3025 (Part 38): 1989, RA 2009
8.	Alkalinity (as CaCO <sub>3</sub> )	mg/L	304	Max. 200	IS 3025 (Part 23): 1986, RA 2009, Amds.1
9.	Total Hardness (as CaCO <sub>3</sub> )	mg/L	304	Max. 200	IS 3025 (Part 21): 1983, RA 2006
10.	Calcium (as Ca)	mg/L	53.4	Max. 75	IS 3025 (Part 40): 1991, RA 2009, Amds.1
11.	Magnesium (as Mg)	mg/L	41.4	Max. 30	IS 3025 (Part 46): 1994, RA 2009, Amds.2
12.	Aluminium (as Al)	mg/L	<0.025	Max. 0.03	IS 3025 (Part 55): 2003, RA 2009

*Report No. 405 cont...*

Sr. No.	Parameter	Unit	Result	Acceptable Limit for Drinking Water as per IS 10500:2012	Method Reference
13.	Arsenic (as As)	mg/L	<0.005	Max. 0.01	IS 3025 (Part 2): 2004
14.	Cadmium (as Cd)	mg/L	<0.002	Max. 0.003	IS 3025 (Part 2): 2004
15.	Chromium (as Cr)	mg/L	<0.02	Max. 0.05	IS 3025 (Part 2): 2004
16.	Copper (as Cu)	mg/L	<0.02	Max. 0.05	IS 3025 (Part 2): 2004
17.	Iron (as Fe)	mg/L	0.18	Max. 0.3	APHA 22 <sup>nd</sup> Ed. 2012, 3111-B, 3-18
18.	Lead (as Pb)	mg/L	<0.008	Max. 0.01	IS 3025 (Part 2): 2004
19.	Manganese (as Mn)	mg/L	<0.02	Max. 0.1	IS 3025 (Part 2): 2004
20.	Mercury (as Hg)	mg/L	<0.0008	Max. 0.001	IS 3025 (Part 2): 2004
21.	Selenium (as Se)	mg/L	<0.005	Max. 0.01	IS 3025 (Part 2): 2004
22.	Zinc (as Zn)	mg/L	<0.05	Max. 5	IS 3025 (Part 2): 2004
23.	Boron (as B)	mg/L	0.92	Max. 0.5	APHA 22 <sup>nd</sup> Ed. 2012, 4500-B-B, 4-25
24.	Chloride (as Cl)	mg/L	159	Max. 250	IS 3025 (Part 32): 1988, Reaffirmed 2009
25.	Sulphate (as SO <sub>4</sub> )	mg/L	89.5	Max. 200	IS 3025 (Part 24): 1986, Reaffirmed 2009
26.	Fluoride (as F)	mg/L	1.26	Max. 1	APHA 22 <sup>nd</sup> Ed. 2012, 4500-F-, D, 4-87
27.	Nitrate (as NO <sub>3</sub> )	mg/L	13.3	Max. 45	APHA 22 <sup>nd</sup> Ed. 2012, 4500-NO <sub>3</sub> , B -4-122
28.	Cyanide (as CN)	mg/L	<0.001	Max. 0.05	APHA 22 <sup>nd</sup> Ed. 2012, 4500-CN, C & E, 4-41 & 4-43
29.	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	<0.001	Max. 0.001	APHA 22 <sup>nd</sup> Ed. 2012, 5530-B & C, 5-44 & 5-47
30.	Mineral Oil	mg/L	<0.005	Max. 0.5	IS 3025 (Part 39): 1991, Reaffirmed 2009, Amds.1
<b>Microbiological Analysis</b>					
31.	Total Coliforms	MPN /100 mL	47	Not Detectable	APHA 22 <sup>nd</sup> Ed. 2012, 9221-B, 9-66
32.	<i>E. coli</i>	MPN /100 mL	11	Not Detectable	APHA 22 <sup>nd</sup> Ed. 2012, 9221-G, 9-76
<b>Remarks:</b>					

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## Water Sample Analysis Report

<b>Report No. :</b> ME-NS0403-160316-SA-RNPL-NASHIK		<b>Date:</b> 16.03.2016	
<b>Name and Address of Customer</b>	RattanIndia Nasik Power Ltd. (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.	<b>Order Reference</b>	
		Your Work Order No. 3320004967 Dt. 12.01.2016 Amendment: 1 Dt.16.01.2014	
<b>Sample Description/Type</b>	Water	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	RNPL Pantry Cooler Outlet	<b>Sample Quantity/Packing</b>	5 L X 1 No. Plastic Can 1 L X 1 No. Glass Bottle 250 mL X 1 No. Sterile Glass Bottle 300mL X 1 No. Glass Bottle
<b>Date of Sampling</b>	10.03.2016	<b>Date of Receipt of Sample</b>	10.03.2016
<b>Sampling Procedure</b>	IS 1622:1981,Reaffirmed 2009; IS 3025 (Part 1):1987, Reaffirmed 2003 & APHA 22 <sup>nd</sup> Ed. 2012,1060 B, 1-39, 9060 A, 9-35		
<b>Date of Start of Analysis</b>	10.03.2016	<b>Date of Completion of Analysis</b>	15.03.2016

Sr. No.	Parameter	Unit	Result	Acceptable Limit for Drinking Water as per IS 10500:2012	Method Reference
<b>Physico-Chemical Analysis</b>					
1.	Colour	Hazen Unit	1	Max. 5	IS 3025 (Part 4): 1983, RA 2006
2.	Odour	-	Agreeable	Agreeable	IS 3025 (Part 5): 1983, RA 2006
3.	Turbidity	N.T.U.	<0.1	Max. 1	IS 3025 (Part 10): 1983, RA 2006
4.	pH	-	8.5	6.5-8.5	IS 3025 (Part II): 1983, RA 2006
5.	Suspended Solids	mg/L	<5	-	IS 3025 (Part 17): 1984, RA 2006, Amds.1
6.	Biochemical Oxygen Demand (3 days 27°C)	mg/L	<1	-	IS 3025 (Part 17): 1984, RA 2006, Amds.1
7.	Chemical Oxygen Demand	mg/L	<4	-	APHA, 22 <sup>nd</sup> Ed. 2012, 5220-B, 5-17
8.	Oil & Grease	mg/L	<1	-	APHA, 22 <sup>nd</sup> Ed. 2012, 5520-B, 5-40
9.	Total Dissolved Solids	mg/L	24	Max. 500	IS 3025 (Part 16): 1984, RA 2006, Ed. 2.1 (1999-12)
10.	Dissolved Oxygen	mg/L	7.1	-	IS 3025 (Part 38): 1989, Reaffirmed 2009

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*Report No. 0403 cont...*

Sr. No.	Parameter	Result	Unit	Acceptable Limit for Drinking Water as per IS 10500:2012	Method Reference
11.	Phenolphthalein Alkalinity (as CaCO <sub>3</sub> )	mg/L	6	-	IS 3025 (Part 23): 1986, Reaffirmed 2009, Amds.1
12.	Methyl Orange Alkalinity (as CaCO <sub>3</sub> )	mg/L	21	-	IS 3025 (Part 23): 1986, Reaffirmed 2009, Amds.1
13.	Total Hardness (as CaCO <sub>3</sub> )	mg/L	6	Max. 200	IS 3025 (Part 21): 1983, RA 2006
14.	Calcium (as Ca)	mg/L	0.79	Max. 75	IS 3025 (Part 40): 1991, RA 2009, Amds.1
15.	Magnesium (as Mg)	mg/L	0.96	Max. 30	IS 3025 (Part 46): 1994, RA 2009, Amds.2
16.	Arsenic (as As)	mg/L	<0.005	Max. 0.01	IS 3025 (Part 2): 2004
17.	Cadmium (as Cd)	mg/L	<0.002	Max. 0.003	IS 3025 (Part 2): 2004
18.	Chromium (as Cr)	mg/L	<0.02	Max. 0.05	IS 3025 (Part 2): 2004
19.	Copper (as Cu)	mg/L	<0.02	Max. 0.05	IS 3025 (Part 2): 2004
20.	Iron (as Fe-Dissolved)	mg/L	<0.08	-	APHA, 22 <sup>nd</sup> Ed. 2012, 3111-B, 3-18
21.	Iron (as Fe-Suspended)	mg/L	<0.08	-	APHA, 22 <sup>nd</sup> Ed. 2012, 3111-B, 3-18
22.	Lead (as Pb)	mg/L	<0.008	Max. 0.01	IS 3025 (Part 2): 2004
23.	Manganese (as Mn)	mg/L	<0.02	Max. 0.1	IS 3025 (Part 2): 2004
24.	Mercury (as Hg)	mg/L	<0.0008	Max. 0.001	IS 3025 (Part 2): 2004
25.	Selenium (as Se)	mg/L	<0.005	Max. 0.01	IS 3025 (Part 2): 2004
26.	Zinc (as Zn)	mg/L	<0.05	Max. 5	IS 3025 (Part 2): 2004
27.	Nickel (as Ni)	mg/L	<0.01	Max. 0.02	IS 3025 (Part 2): 2004
28.	Barium (as Ba)	mg/L	<0.1	Max. 0.7	IS 3025 (Part 2): 2004
29.	Sodium (as Na)	mg/L	2.1	-	IS 3025 (Part 45): 1993, Reaffirmed 2009, Amds.1
30.	Potassium (as K)	mg/L	0.1	-	IS 3025 (Part 45): 1993, Reaffirmed 2009

*Report No. 0403 cont...*

Sr. No.	Parameter	Unit	Result	Acceptable Limit for Drinking Water as per IS 10500:2012	Method Reference
31.	Chloride (as Cl)	mg/L	6.85	Max. 250	IS 3025 (Part 32): 1988, Reaffirmed 2009
32.	Sulphate (as SO <sub>4</sub> )	mg/L	<1	Max. 200	IS 3025 (Part 24): 1986, Reaffirmed 2009
33.	Fluoride (as F)	mg/L	0.53	Max. 1	APHA, 22 <sup>nd</sup> Ed. 2012, 4500-F-, D, 4-87
34.	Phosphate (as P)	mg/L	<0.03	-	APHA, 22 <sup>nd</sup> Ed. 2012, 4500 P, E, 4-155
35.	Nitrate (as NO <sub>3</sub> )	mg/L	<0.5	Max. 45	APHA, 22 <sup>nd</sup> Ed. 2012, 4500-NO <sub>3</sub> , E-4-125
36.	Dissolved Silica (as SiO <sub>2</sub> )	mg/L	<0.02	-	APHA, 22 <sup>nd</sup> Ed. 2012, 4500-SiO <sub>2</sub> , D, 4-169
37.	Hydrogen Sulphide (as H <sub>2</sub> S)	mg/L	<0.08	-	APHA 22 <sup>nd</sup> Ed. 2012, 4500-S <sup>2</sup> , C-4-175, F-4-178
38.	Carbon Dioxide	mg/L	<0.4	-	APHA, 22 <sup>nd</sup> Ed. 2012, 4500- CO <sub>2</sub> -C, 4-31
39.	Permanganate Value at 25 <sup>o</sup> C	mg/L	<0.1	-	IS 3025 (Part 63): 2007
<b>Microbiological Analysis</b>					
40.	Total Coliforms	/100mL	Absent	Not Detectable	APHA 22 <sup>nd</sup> Ed. 2012, 9221-D, 9-73
41.	E. coli	/100mL	Absent	Not Detectable	APHA 22 <sup>nd</sup> Ed. 2012, 9221-G, 9-76
<b>Remarks:</b>					

-----END-----

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## Noise Monitoring Report

<b>Name and Address of Customer</b>	<b>RattanIndia Nasik Power Ltd.</b> (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.
<b>Date of Sampling</b> – 09.03.2016 to 10.03.2016	

Sr. No.	Location	Time	Sound Level dB(A) Fast Response
1.	Near Weigh Bridge	11.10 h	66
		23.30 h	58
2.	Near RNPL Office	11.40 h	67
		23.50 h	57
3.	Near Boiler House	12.30 h	69
		24.10 h	60
<b>Noise Level Standard</b>			
Area Code	Area Type	Limit in dB(A) weighted scale	
		Day	Night
A	Industrial	75	70

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## Soil Sample Analysis Report

<b>Report No. :</b> ME-NS0407-160316-SA-RNPL-NASHIK		<b>Date:</b> 16.03.2016	
<b>Name and Address of Customer</b>	RattanIndia Nasik Power Ltd. (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.	<b>Order Reference</b>	
		Your Work Order No. 3320004967 Dt. 12.01.2016 Amendment: 1 Dt.16.01.2014	
<b>Sample Description/Type</b>	Soil	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	Musalgaon	<b>Sample Quantity/Packing</b>	1 kg X 1 No. Plastic Bag
<b>Date of Sampling</b>	10.03.2016	<b>Date of Receipt of Sample</b>	10.03.2016
<b>Date of Start of Analysis</b>	10.03.2016	<b>Date of Completion of Analysis</b>	15.03.2016

Sr. No.	Parameter	Unit	Result	Method Reference
1.	Texture	-	Sandy	WLII Sec. B4, Page No. 7
2.	Moisture	%	3.7	WLII Sec. B2, Page No. 6
3.	pH (1:5 Suspension )	-	8.3	WLII Sec. B4, Page No. 9
4.	Electrical Conductivity (1:5 Suspension at 25°C)	mmho/cm	0.09	WLII Sec. B5, Page No. 9
5.	Organic Carbon	%	0.19	WLII Sec. B7, Page No. 10
6.	Available Nitrogen (as N)	kg/ha	191	FAO Sec. III.11, Page No. 145
7.	Available Phosphorus (as P)	kg/ha	112	FAO Sec. III.12-1, Page No.157
8.	Available Potassium (as K)	kg/ha	300	FAO Sec. III.8-1, Page No. 115
9.	Available Magnesium	mg/kg	36.1	FAO Sec. III.8-1, Page No. 115
10.	Available Calcium	mg/kg	1683	FAO Sec. III.8-1, Page No. 115
11.	Cation Exchange Capacity	meq/100g	72	FAO Sec. III.7-2, Page No. 104

### Remarks:

**Note-** All results are on air dry basis.

**WLII-** Wildlife Institute of India.

**FAO-** Food & Agriculture Organization, United Nations.

-END-

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## Soil Sample Analysis Report

<b>Report No. :</b> ME-NS0408-160316-SA-RNPL-NASHIK		<b>Date:</b> 16.03.2016	
<b>Name and Address of Customer</b>	RattanIndia Nasik Power Ltd. (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.	<b>Order Reference</b>	
		Your Work Order No. 3320004967 Dt. 12.01.2016 Amendment: 1 Dt.16.01.2014	
<b>Sample Description/Type</b>	Soil	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	Kedarpur	<b>Sample Quantity/Packing</b>	1 kg X 1 No. Plastic Bag
<b>Date of Sampling</b>	10.03.2016	<b>Date of Receipt of Sample</b>	10.03.2016
<b>Date of Start of Analysis</b>	10.03.2016	<b>Date of Completion of Analysis</b>	15.03.2016

Sr. No.	Parameter	Unit	Result	Method Reference
1.	Texture	-	Sandy	WLII Sec. B4, Page No. 7
2.	Moisture	%	3.41	WLII Sec. B2, Page No. 6
3.	pH (1:5 Suspension )	-	8.1	WLII Sec. B4, Page No. 9
4.	Electrical Conductivity (1:5 Suspension at 25°C)	mmho/cm	0.119	WLII Sec. B5, Page No. 9
5.	Organic Carbon	%	1.69	WLII Sec. B7, Page No. 10
6.	Available Nitrogen (as N)	kg/ha	200	FAO Sec. III.11, Page No. 145
7.	Available Phosphorus (as P)	kg/ha	246	FAO Sec. III.12-1, Page No.157
8.	Available Potassium (as K)	kg/ha	544	FAO Sec. III.8-1, Page No. 115
9.	Available Magnesium	mg/kg	48.2	FAO Sec. III.8-1, Page No. 115
10.	Available Calcium	mg/kg	1428	FAO Sec. III.8-1, Page No. 115
11.	Cation Exchange Capacity	meq/100g	68	FAO Sec. III.7-2, Page No. 104

### Remarks:

**Note-** All results are on air dry basis.

**WLII-** Wildlife Institute of India.

**FAO-** Food & Agriculture Organization, United Nations.

-END-

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## Soil Sample Analysis Report

<b>Report No. :</b> ME-NS0409-160316-SA-RNPL-NASHIK		<b>Date:</b> 16.03.2016	
<b>Name and Address of Customer</b>	RattanIndia Nasik Power Ltd. (formerly known as Indiabulls Realtech Ltd.), A-1 Additional MIDC Musalgaon, Tal- Sinnar, Dist- Nasik.	<b>Order Reference</b>	
		Your Work Order No. 3320004967 Dt. 12.01.2016 Amendment: 1 Dt.16.01.2014	
<b>Sample Description/Type</b>	Soil	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	Gulvanch	<b>Sample Quantity/Packing</b>	1 kg X 1 No. Plastic Bag
<b>Date of Sampling</b>	10.03.2016	<b>Date of Receipt of Sample</b>	10.03.2016
<b>Date of Start of Analysis</b>	10.03.2016	<b>Date of Completion of Analysis</b>	15.03.2016

Sr. No.	Parameter	Unit	Result	Method Reference
1.	Texture	-	Sandy	WLII Sec. B4, Page No. 7
2.	Moisture	%	3.07	WLII Sec. B2, Page No. 6
3.	pH (1:5 Suspension )	-	8.32	WLII Sec. B4, Page No. 9
4.	Electrical Conductivity (1:5 Suspension at 25°C)	mmho/cm	0.099	WLII Sec. B5, Page No. 9
5.	Organic Carbon	%	0.83	WLII Sec. B7, Page No. 10
6.	Available Nitrogen (as N)	kg/ha	218	FAO Sec. III.11, Page No. 145
7.	Available Phosphorus (as P)	kg/ha	271	FAO Sec. III.12-1, Page No.157
8.	Available Potassium (as K)	kg/ha	535	FAO Sec. III.8-1, Page No. 115
9.	Available Magnesium	mg/kg	36.2	FAO Sec. III.8-1, Page No. 115
10.	Available Calcium	mg/kg	1943	FAO Sec. III.8-1, Page No. 115
11.	Cation Exchange Capacity	meq/100g	60	FAO Sec. III.7-2, Page No. 104

### Remarks:

**Note-** All results are on air dry basis.

**WLII-** Wildlife Institute of India.

**FAO-** Food & Agriculture Organization, United Nations.

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FOR MAHABAL ENVIRO ENGINEERS PVT. LTD.

  
Kishor Yeole

**BRANCH MANAGER**



### Note:

1. The result listed refers only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.

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