



# Mahabal Enviro Engineers Pvt. Ltd.

Plot 13/14, Opp. Patel Petrol Pump, Chhindwara Road, Koradi, Dist.Nagpur – 441111

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

## Soil Sample Analysis Report

<b>Report No.</b>	ME-NS0419-121124-SA-INDIABUL-NASHIK		<b>Date:</b> 24.11.2012
<b>Name and Address of Customer</b>	<b>Indiabulls Realtech Ltd.</b> (SEZ Co-Developer) Indiabulls Industrial Infrastructure Ltd.(Multiproduct SEZ) , Village – Musalgaon & Gulvanch, Tal- Sinnar, Nashik.		<b>Order Reference</b> Your Work Order No. 3320001083 Date: 18.11.2011
<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>	20.11.2012	<b>Date of Receipt of Sample</b>	21.11.2012
<b>Date of Start of Analysis</b>	21.11.2012	<b>Date of Completion of Analysis</b>	23.11.2012

Sr. No.	Parameter	Result	Unit	Method Reference
1.	Texture	Sandy	-	P. K. Behera Book
2.	Moisture	1.23	%	WLII Sec. B2, Page No. 6
3.	pH (1:5 Suspension )	8.55	-	WLII Sec. B4, Page No. 9
4.	Electrical Conductivity (1:5 Suspension at 25 °C)	0.152	Mmho/cm	WLII Sec. B5, Page No. 9
5.	Organic Carbon	0.90	%	WLII Sec. B7, Page No. 10
6.	Available Nitrogen (as N)	231	kg/ha	FAO Sec. III .11, Page No. 145
7.	Available Phosphorus (as P)	50.9	kg/ha	FAO Sec. III .12-1, Page No.157
8.	Available Potassium (as K)	247	kg/ha	FAO Sec. III .8-1, Page No. 115
9.	Available Magnesium	243	mg/kg	FAO Sec. III .8-1, Page No. 115
10.	Available Calcium	360	mg/kg	FAO Sec. III .8-1, Page No. 115
11.	Cation Exchange Capacity	18.2	meq/100g	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.

Harish Mendhi

**TECHNICAL MANAGER**



### Note:

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



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## Soil Sample Analysis Report

<b>Report No.</b>	ME-NS0417-121124-SA-INDIABUL-NASHIK		<b>Date:</b> 24.11.2012
<b>Name and Address of Customer</b>	<b>Indiabulls Realtech Ltd.</b> (SEZ Co-Developer) Indiabulls Industrial Infrastructure Ltd. (Multiproduct SEZ), Village – Musalgaon & Gulvanch, Tal- Sinnar, Nashik.		<b>Order Reference</b>
			Your Work Order No. 3320001083 Date: 18.11.2011
<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>	20.11.2012	<b>Date of Receipt of Sample</b>	21.11.2012
<b>Date of Start of Analysis</b>	21.11.2012	<b>Date of Completion of Analysis</b>	23.11.2012

Sr. No.	Parameter	Result	Unit	Method Reference
1.	Texture	Sandy	-	P. K. Behera Book
2.	Moisture	0.98	%	WLII Sec. B2, Page No. 6
3.	pH (1:5 Suspension )	8.52	-	WLII Sec. B4, Page No. 9
4.	Electrical Conductivity (1:5 Suspension at 25°C)	0.137	mmho/cm	WLII Sec. B5, Page No. 9
5.	Organic Carbon	2.68	%	WLII Sec. B7, Page No. 10
6.	Available Nitrogen (as N)	349	kg/ha	FAO Sec. III .11, Page No. 145
7.	Available Phosphorus (as P)	45.5	kg/ha	FAO Sec. III .12-1, Page No.157
8.	Available Potassium (as K)	502	kg/ha	FAO Sec. III .8-1, Page No. 115
9.	Available Magnesium	170	mg/kg	FAO Sec. III .8-1, Page No. 115
10.	Available Calcium	240	mg/kg	FAO Sec. III .8-1, Page No. 115
11.	Cation Exchange Capacity	17.4	meq/100g	FAO Sec. III .7-2, Page No. 104
<b>Remarks:</b> <b>Note-</b> All results are on air dry basis. <b>WLII-</b> Wildlife Institute of India. <b>FAO-</b> Food & Agriculture Organization, United Nations.				

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