



# Mahabal Enviro Engineers Pvt. Ltd.

Plot No. 13/14, Opp. Patel Petrol Pump, Chinndwara Road, Koradi, Dist. Nagpur – 411

## Soil Analysis Report

<b>Report No.</b>	<b>ME/NS/001776/11.12.02/SA/Indiabulls/Nashik</b>		<b>Date:</b> 02/12/2011
<b>Name and Address of Customer</b>	<b>Indiabulls Realtech Ltd. (SEZ Co-Developer)</b> Indiabulls Industrial Infrastructure Ltd.(Multiproduct SEZ) , Village – Musalgaon & Gulvanch, Tal- Sinnar, Nashik.		<b>Order Reference</b> Your Work Order No. 3320001083 dt 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>	23/11/2011	<b>Date of Receipt of Sample</b>	23/11/2011
<b>Date of Start of Analysis</b>	24/11/2011	<b>Date of Completion of Analysis</b>	01/12/2011

Sr. No.	Parameters	Results	Units	Method Reference
1.	Moisture	5.23	%	WLII Sec. B2, Page No. 6
2.	Texture	Sandy	-	WLII Sec. B2, Page No. 6
3.	pH (1:2 Suspension )	8.46	-	WLII Sec. B4, Page No. 9
4.	Electrical Conductivity (1:2 Suspension at 25 °C)	0.16	mmho /cm	WLII Sec. B5, Page No. 9
5.	Organic Carbon	0.73	%	WLII Sec. B7, Page No. 10
6.	Available Nitrogen (as N)	197	kg/ha	FAO Sec. III .11, Page No. 145
7.	Available Phosphorus (as P)	12.2	kg/ha	FAO Sec. III .12-1, Page No.157
8.	Available Potassium (as K)	360	kg/ha	FAO Sec. III .8-1, Page No. 115
9.	Available Magnesium	2563	mg/kg	FAO Sec. III .8-1, Page No. 115
10.	Available Calcium	6487	mg/kg	FAO Sec. III .8-1, Page No. 115
11.	Cation Exchange Capacity	39.5	meq /100g	FAO Sec. III .7-2, Page No. 104
<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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for **Mahabal Enviro Engineers Pvt. Ltd.**



Harish Mendhi  
**Technical Manager**  
**AUTHORISED SIGNATORY**



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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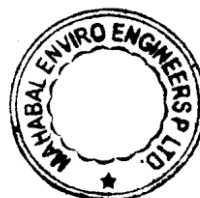
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<b>Sample Description /Type</b>	Soil	<b>Sample Collected by</b>	Laboratory
<b>Sampling Location</b>	Kedarpur	<b>Sample Quantity/Packing</b>	1 kg x 1 no. plastic bag
<b>Date of Sampling</b>	23/11/2011	<b>Date of Receipt of Sample</b>	23/11/2011
<b>Date of Start of Analysis</b>	24/11/2011	<b>Date of Completion of Analysis</b>	25/11/2011

Sr. No.	Parameters	Results	Units	Method Reference
1.	Moisture	6.06	%	WLII Sec. B2, Page No. 6
2.	Texture	Sandy		WLII Sec. B2, Page No. 6
3.	pH (1:2 Suspension )	8.15	-	WLII Sec. B4, Page No. 9
4.	Electrical Conductivity (1:2 Suspension at 25 °C)	0.23	mmho /cm	WLII Sec. B5, Page No. 9
5.	Organic Carbon	0.65	%	WLII Sec. B7, Page No. 10
6.	Available Nitrogen (as N)	293	kg/ha	FAO Sec. III .11, Page No. 145
7.	Available Phosphorus (as P)	12.1	kg/ha	FAO Sec. III .12-1, Page No. 157
8.	Available Potassium (as K)	248	kg/ha	FAO Sec. III .8-1, Page No. 115
9.	Available Magnesium	2000	mg/kg	FAO Sec. III .8-1, Page No. 115
10.	Available Calcium	7921	mg/kg	FAO Sec. III .8-1, Page No. 115
11.	Cation Exchange Capacity	43	meq /100g	FAO Sec. III .7-2, Page No. 104
<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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<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>	23/11/2011	<b>Date of Receipt of Sample</b>	23/11/2011
<b>Date of Start of Analysis</b>	24/11/2011	<b>Date of Completion of Analysis</b>	01/12/2011

Sr. No.	Parameters	Results	Units	Method Reference
1.	Moisture	3.23	%	WLII Sec. B2, Page No. 6
2.	Texture	Sandy		WLII Sec. B2, Page No. 6
3.	pH (1:2 Suspension )	8.79	-	WLII Sec. B4, Page No. 9
4.	Electrical Conductivity (1:2 Suspension at 25 °C)	0.177	mmho /cm	WLII Sec. B5, Page No. 9
5.	Organic Carbon	0.45	%	WLII Sec. B7, Page No. 10
6.	Available Nitrogen (as N)	466	kg/ha	FAO Sec. III .11, Page No. 145
7.	Available Phosphorus (as P)	11.4	kg/ha	FAO Sec. III .12-1, Page No. 157
8.	Available Potassium (as K)	322	kg/ha	FAO Sec. III .8-1, Page No. 115
9.	Available Magnesium	2163	mg/kg	FAO Sec. III .8-1, Page No. 115
10.	Available Calcium	5527	mg/kg	FAO Sec. III .8-1, Page No. 115
11.	Cation Exchange Capacity	30.4	meq /100g	FAO Sec. III .7-2, Page No. 104

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

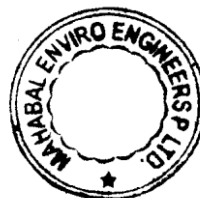
**WLII:** Wildlife Institute of India.

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

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