



GLOBAL COAL & MINING PVT. LTD.

(An ISO 9001:2008, 14001:2004 & OHSAS 18001:2007 Certified Unit)

Plant & Office : Near Lakhanpur O.C.P., P.O. Ubuda, Via : Belpahar, Dist. : Jharsuguda (Odisha)
Phone No. : 06645 - 234571 -73, Fax No.: 06645-234570,
E-mail : gcmpl@ibvalley.net, gcmplibvalley@gmail.com, ibvalley@gcmpl.net

Head Office : 7th Floor, Corporate Tower, Ambience Mall, NH - 8, Gurgaon - 122001 (Haryana), Ph. : 0124 - 2719000, Fax : 0124 - 2719090
E-mail : gmininghq@gmail.com, gmining@vsnl.net

Branch Office : C / 30, Palaspali, Aerodrome Area, Bhubaneswar - 20, Phone : 0674 - 2591305, 2593710, Fax No. : +91 - 674 - 2591305

Ref No: GCMPL/IB/15-16/442

Date: 31.03.2016

To,
The Regional Officer,
State Pollution Control Board,
Paribesh Bhavan, A/118, Nilakantha Nagar,
Unit-VIII, Bhubaneswar-751012.

Ref: - Submission of Environmental Statement as on 31st March, 2016.

Dear Sir,

With reference to the above, we are enclosing herewith the Environmental Statement in prescribed format in Form -V (see Rule 14) duly filled yearly report as on 31st March , 2016. We are also enclosing herewith the Ambient Air quality monitoring test report for the period Jan,16 to Mar,16.

This is for your kind information and necessary action please.

Thanking You,

Yours Faithfully,
For, Global Coal & Mining Pvt. Ltd.,

B.R. Tripathi
Vice-President

Encls:- As Above.



TIN No.- 21351302031

O.S.T. No. : DL - 4232, Dt. - 24.11.2001

CIN : U10102DL1998PTC094328

C.S.T. No. : DLC - 1889, Dt. - 24.11.2001

Beneficiated Coal for Better Environment

[FORM - V]
(See rule 14)

Environmental Statement of Ib-Valley Coal Washery of Global Coal & Mining Pvt. Ltd. for the financial year ending the 31st March 2016.

PART - A

- (i) Name and address of the owner /occupier of the industry operation or process.
GLOBAL COAL & MINING PVT. LTD., Occupier-Sri Kartikeswar Patra, Managing Director, At-Qtr. No-JC/12, Jaganath Colony,Po-South Balanda,Talcher,Odisha-759116,Angul, Odisha.
- (ii) Industry category Primary(STC Code) Secondary (SIC Code)-**LARGE**
- (iii) Production capacity-----Units--- **PHASE -I ; 1.5 MTPA; 2006**
- (iv) Year of establishment --- **PHASE-II; 2.0 MTPA;2009**
- (v) Date of the last environmental statement submitted- **31st December, 2015.**

PART-B

Water and River Material Consumption:

(1) Water consumption m³/d:

Process : **50m³/d. OR 18,000 cum/Annum**
Cooling :
Domestic :

Name of Products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
	(1)	(2)
(1) Washed Coal-	0.15 Cum/tonne of raw coal	0.214 Cum/tonne of raw coal
(2)		
(3)		

1. Substituted by Rule 2(b) of the environment (Protection) Amendment Rules, 1993 notified vide G.S.R 3'6 (E) dated 22.04.1993.

(ii) **Raw Material Consumption:**

*Name of raw materials	Name of Products	Consumption of raw material per Unit of output	
		During the previous Financial year	during the current financial year

*Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

This is a process industry. No raw material is use. Raw coal is washed and sent back to consumers including Reject which is dispatch to power plant.

PART-C

Pollution discharged to environment /unit of output
(Parameter as specified in the consent issued)

1) Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants in discharges (Mass/volume)		Percentage of variation from prescribed standards with reasons	
a) Water	NA	NA		NA	
b) Air	-----	Maximum	Minimum	Maximum	Minimum
1.Quarter : Jan to Mar 2016	<10	78.2	55.6	(-)21.80 %	(-)44.40%
	<2.5	42.6	25.5	(-)29.00 %	(-)57.50%

PART-D

Hazardous Wastes

(As specified under Hazardous Waste Management and Handling Rules, 1989)

Hazardous Waster	Total Quantity (kg)	
	During the previous Financial year	During the current Financial Year

a) From Process-	NIL	NIL
b) From pollution control facilities-	NIL	NIL

PART-E
Solid Wastes

	Total Quantity	
	During the previous Financial year	During the current Financial Year
a) From Process-	45775.61 MT	5394.73 MT
b) From pollution control facility-		
c) (1) Quantity recycled or Re-utilized within the unit-		
(2) Sold-	42225.46 MT	7959.20 MT
(3) Disposed-		

PART-F

Please specify the characterizations (in terms of consumption of quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes. **NA**

PART-G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production. **NA**

PART-H

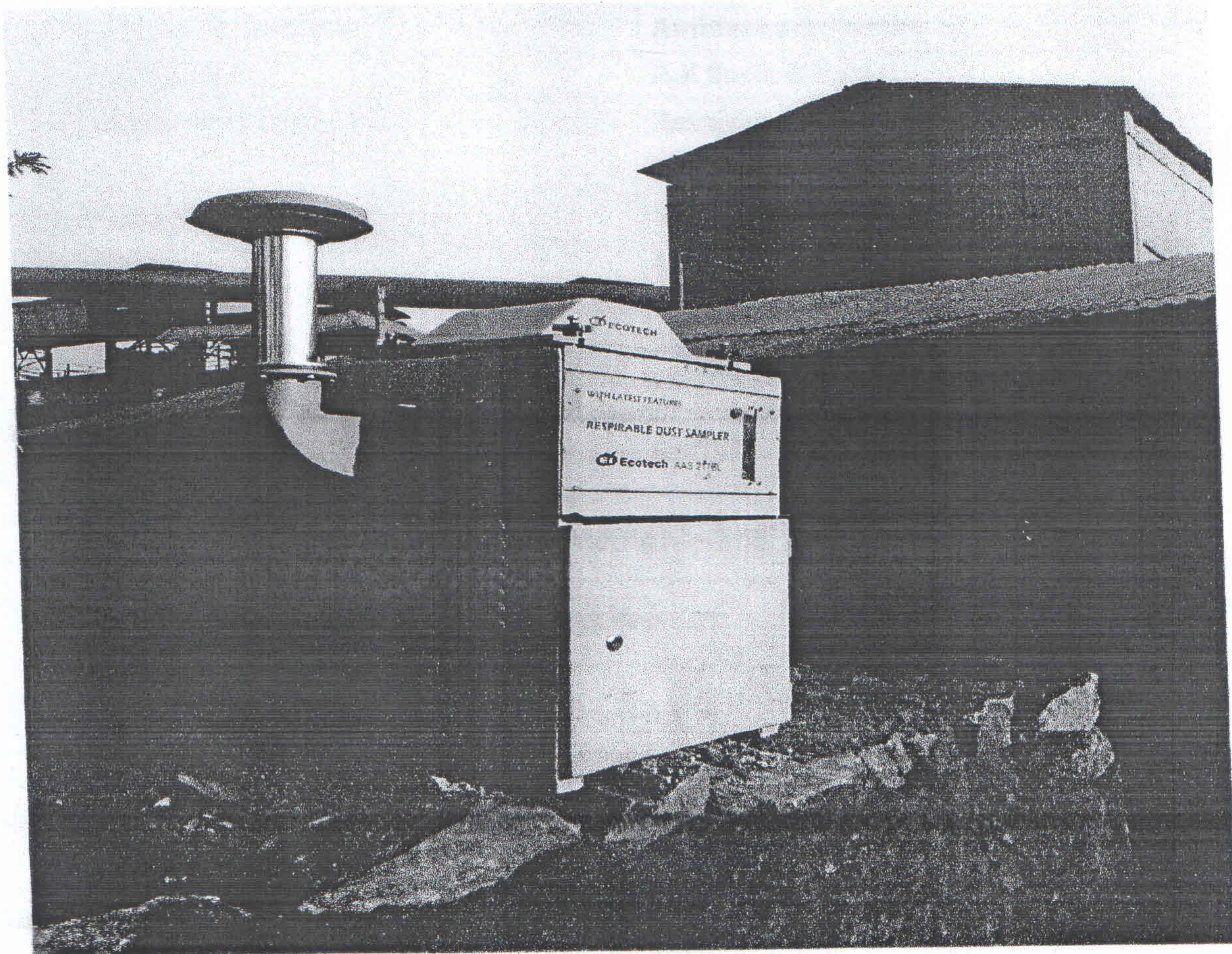
Additional measures /investment proposal for environmental protection including abatement of pollution, prevention of pollution. **NA**

PART-I

Any other particulars for improving the quality of the environment. **NIL**

[F. No.Q-15015/1/90-CP-]
MUKUL SANWAL, Jt. Secy.

AMBIENT AIR QUALITY MONITORING REPORT



FOR

GLOBAL COAL & MINING PVT.LTD

Near Lakhan pur O.C.P, Belpahar, Jharsuguda, ODISHA

JAN-MAR 2016



Centre For Envotech and Management Consultancy Pvt. Ltd.

(AN ISO: 9001: 2008 and 18001: 2007 certified company, empanelled with SPCB, Odisha)

QCI ACCREDITED "A" CATEGORY CONSULTANT ORGANISATION

Regd Off: 1st Floor, N5/305, IRC Village, Bhubaneswar, Odisha Tele: 0674 - 2360344,

E-mail: cemc_consultancy@yahoo.co.in, cemc122@gmail.com

Website: www.cemc.in



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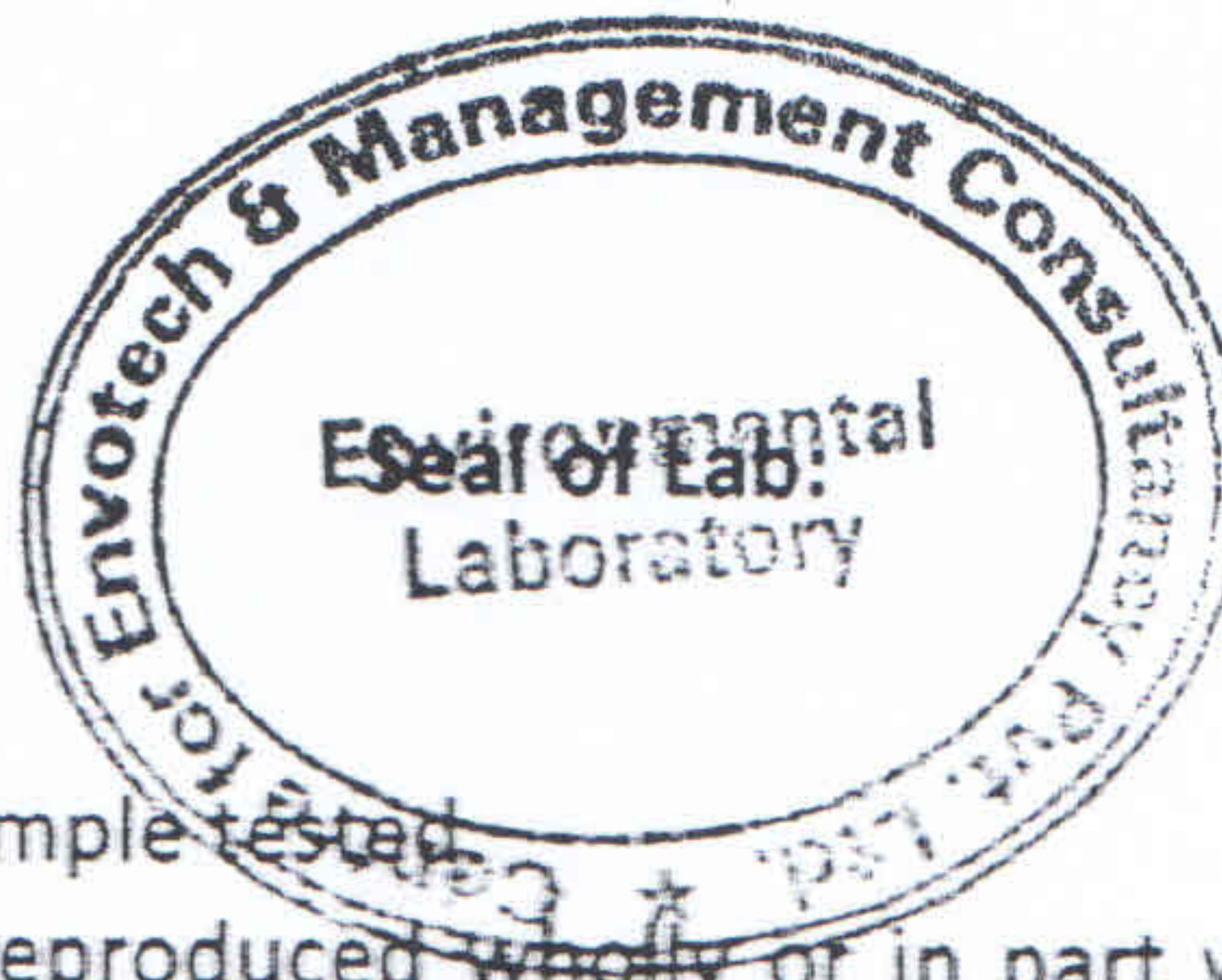
An ISO 9001-2008 & OHSAS 18001:2007 Certified Company, Empanelled with OCCL, ORSAC and SPCB of Govt. of Odisha Accredited by NABET, QCI for EIA Studies as 'A' Category Consultant Organization. Empanelled with PCCF(Wildlife) & CWLW, Odisha Enlisted in Construction Industry Development Council (CIDC) established by the Planning Commission (Govt. of India) MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.

AMBIENT AIR QUALITY MONITORING TEST REPORT

Issued to	Global Coal Mining Pvt.Ltd Jharsuguda, Odisha
Analysis No.	CEMC/GCMPL/JAN16-01
Nature of Sampling	Ambient Air Sample
Sampling By	A.K Barik & S.Das
Instrument Used	Respirable Dust Sampler Fine Particulate Sampler
Sampling Point	Main Gate-1
Sampling Date	11-01-2016

PARAMETER	UNIT	TESTING METHOD	RESULT	NAAQ STANDARD
Particulate Matter (PM ₁₀)	µg/m ³	IS: 5182, (Part-23)	64.4	100
Particulate Matter (PM _{2.5})	µg/m ³	Gravimetric Method	33.2	60
Sulphur Dioxide (SO ₂)	µg/m ³	IS: 5182, (Part-2)	13.6	80
Nitrogen Oxides (NO _x)	µg/m ³	IS: 5182, (Part-6)	17.2	80


Authorized Signatory:



Notes:

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Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS & GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826
E-mail- ccmc_consultancy@yahoo.co.in, ccmc122@gmail.com, website: www.ccmc.in, Landline: 0674-2360344.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,

E-mail: cemclab@yahoo.in, Mobile: 9937631956, 8895177314



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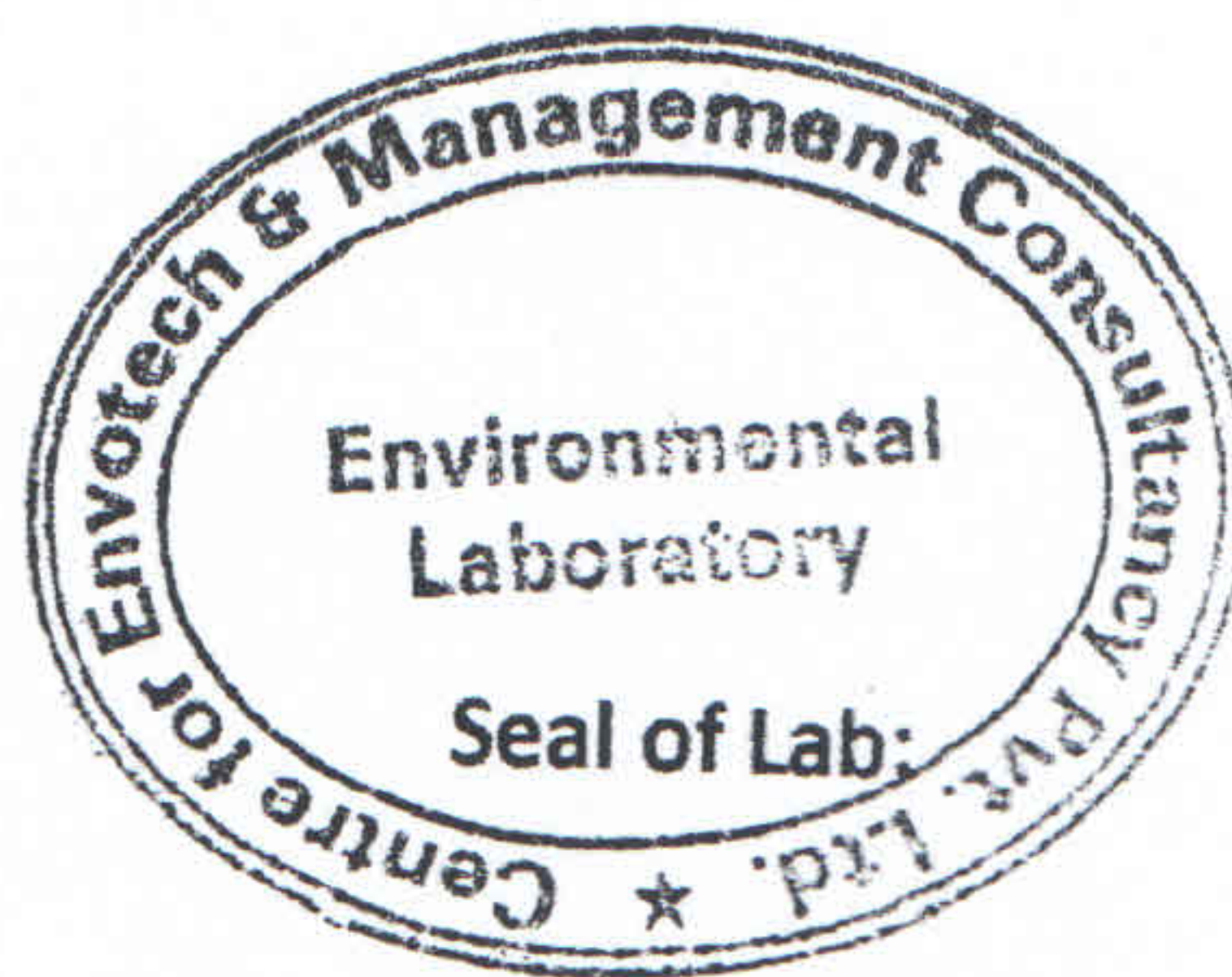
AMBIENT AIR QUALITY MONITORING TEST REPORT

Issued to	Global Coal Mining Pvt.Ltd Jharsuguda, Odisha
Analysis No.	CEMC/GCMPL/JAN16-02
Nature of Sampling	Ambient Air Sample
Sampling By	A.K Barik & S.Das
Instrument Used	Respirable Dust Sampler Fine Particulate Sampler
Sampling Point	Near Thinner Point
Sampling Date	11-01-2016

PARAMETER	UNIT	TESTING METHOD	RESULT	NAAQ STANDARD
Particulate Matter (PM ₁₀)	µg/m ³	IS: 5182, (Part-23)	58.8	100
Particulate Matter (PM _{2.5})	µg/m ³	Gravimetric Method	30.3	60
Sulphur Dioxide (SO ₂)	µg/m ³	IS: 5182, (Part-2)	12.2	80
Nitrogen Oxides (NO _x)	µg/m ³	IS: 5182, (Part-6)	15.4	80

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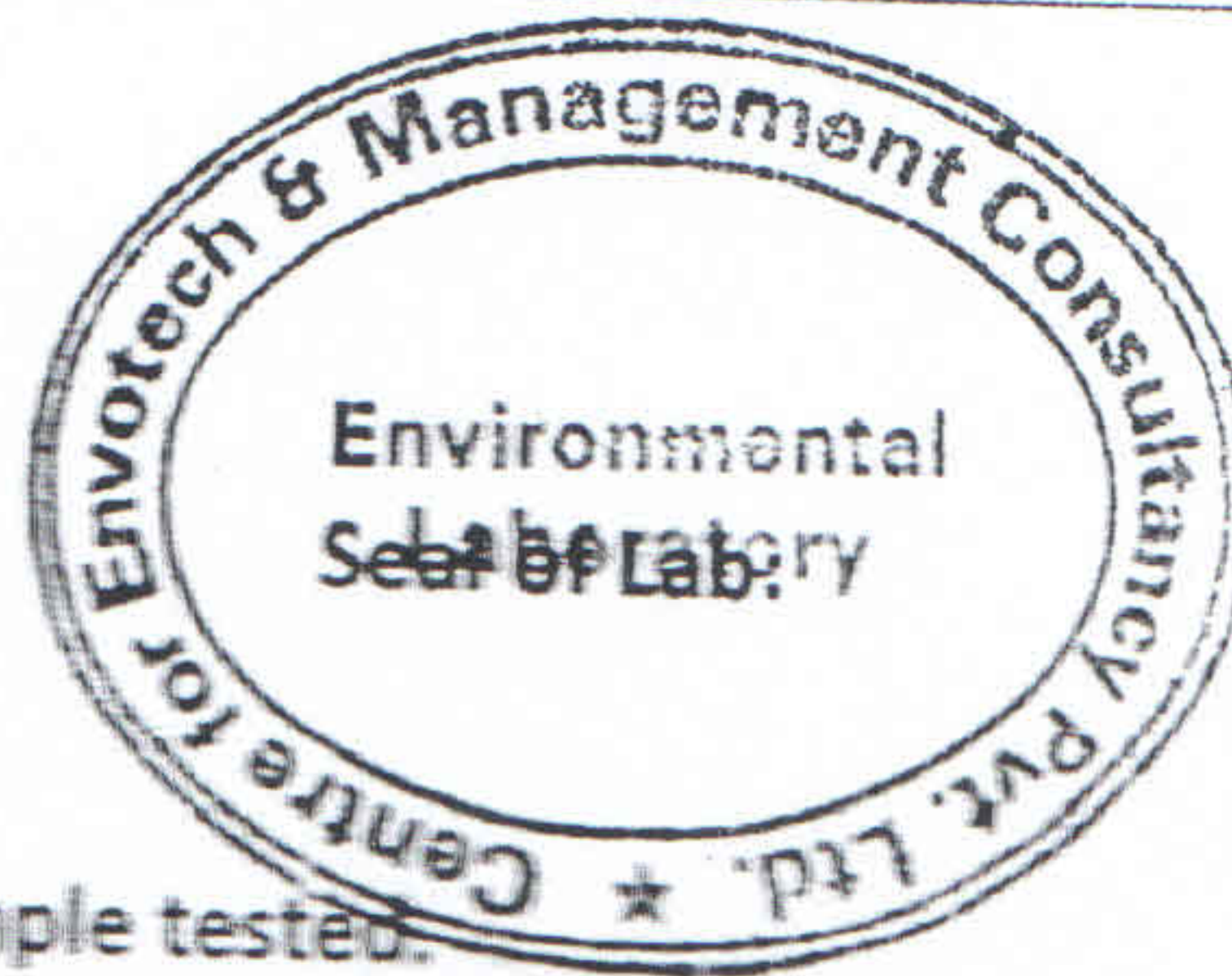
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MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.

AMBIENT AIR QUALITY MONITORING TEST REPORT

Issued to	Global Coal Mining Pvt.Ltd Jharsuguda, Odisha
Analysis No.	CEMC/GCMPL/JAN16-03
Nature of Sampling	Ambient Air Sample
Sampling By	A.K Barik & S.Das
Instrument Used	Respirable Dust Sampler Fine Particulate Sampler
Sampling Point	Near New Toilet
Sampling Date	12-01-2016

PARAMETER	UNIT	TESTING METHOD	RESULT	NAAQ STANDARD
Particulate Matter (PM ₁₀)	µg/m ³	IS: 5182, (Part-23)	55.6	100
Particulate Matter (PM _{2.5})	µg/m ³	Gravimetric Method	25.5	60
Sulphur Dioxide (SO ₂)	µg/m ³	IS: 5182, (Part-2)	11.8	80
Nitrogen Oxides (NO _x)	µg/m ³	IS: 5182, (Part-6)	14.2	80

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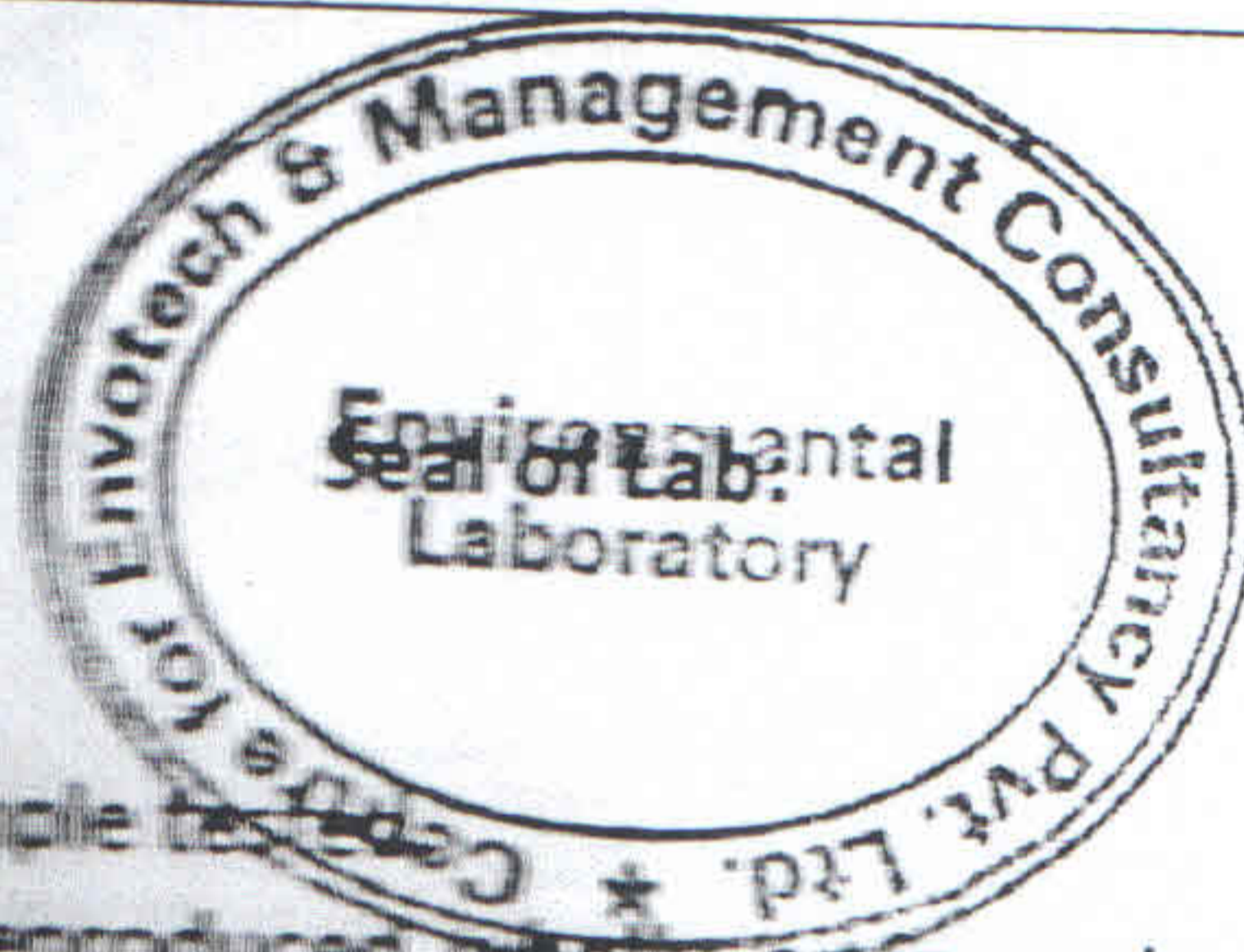
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AMBIENT AIR QUALITY MONITORING TEST REPORT

Issued to	Global Coal Mining Pvt.Ltd Jharsuguda, Odisha
Analysis No.	CEMC/GLOJ-AM001
Nature of Sampling	Ambient Air Sample
Sampling By	A.K Barik
Instrument Used	Respirable Dust Sampler Fine Particulate Sampler
Sampling Point	Main Gate-1
Sampling Date	10-02-2016

PARAMETER	UNIT	OBSERVATION	LIMIT AS PER CPCB
Particulate Matter (PM ₁₀)	µg/m ³	70.2	100
Particulate Matter (PM _{2.5})	µg/m ³	32.6	60
Sulphur Dioxide (SO ₂)	µg/m ³	16.1	80
Nitrogen Oxides (NO _x)	µg/m ³	20.8	80

[Signature]
 Authorized Signature:



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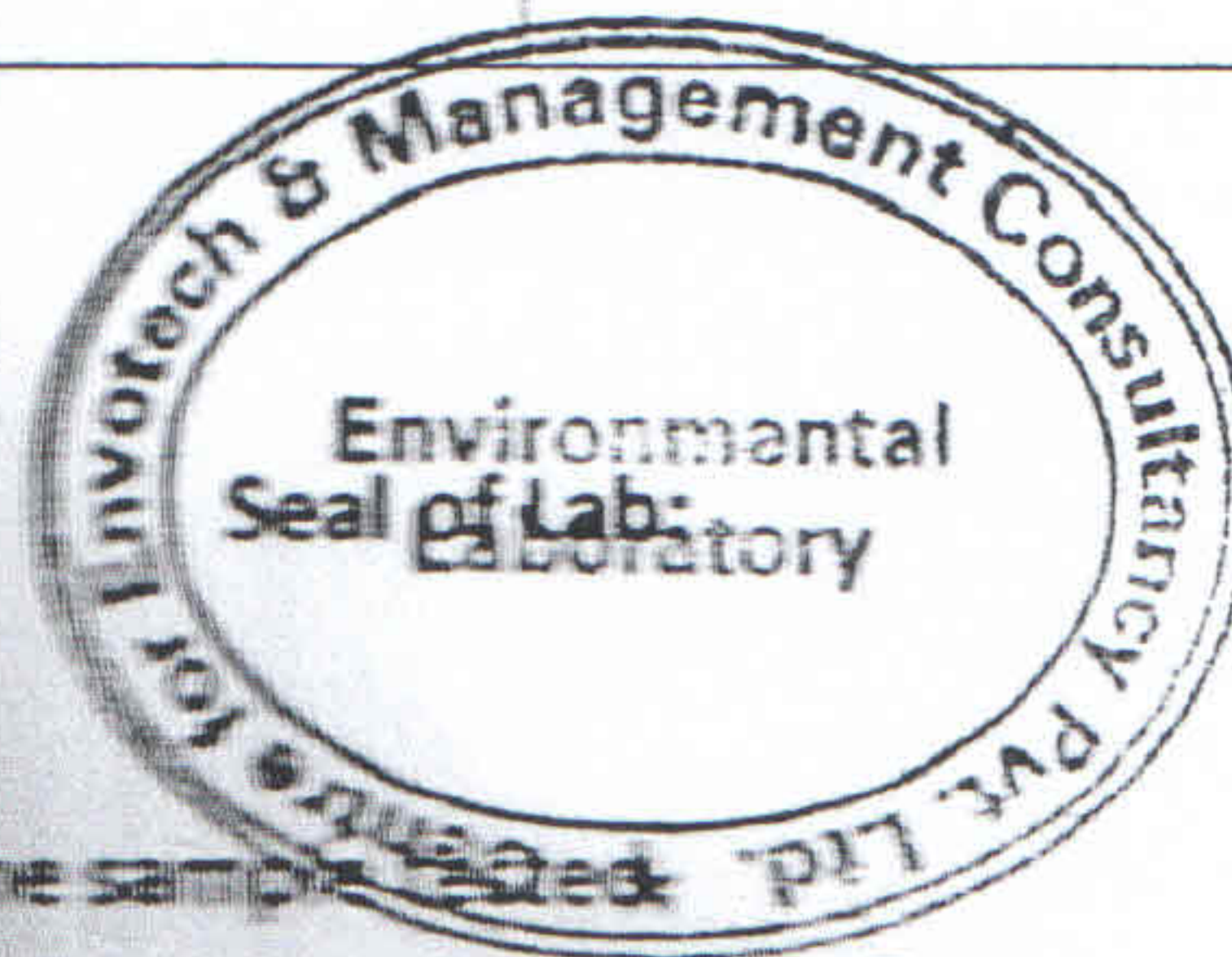
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AMBIENT AIR QUALITY MONITORING TEST REPORT

Issued to	Global Coal Mining Pvt.Ltd Jharsuguda, Odisha
Analysis No.	CEMC/GLOJ-AM002
Nature of Sampling	Ambient Air Sample
Sampling By	A.K Barik
Instrument Used	Respirable Dust Sampler Fine Particulate Sampler
Sampling Point	Near Thinner Point
Sampling Date	10-02-2016

PARAMETER	UNIT	OBSERVATION	LIMIT AS PER CPCB
Particulate Matter (PM ₁₀)	µg/m ³	64.1	100
Particulate Matter (PM _{2.5})	µg/m ³	31.2	60
Sulphur Dioxide (SO ₂)	µg/m ³	13.4	80
Nitrogen Oxides (NO _x)	µg/m ³	17.6	80

Rai
 Authorized Signature



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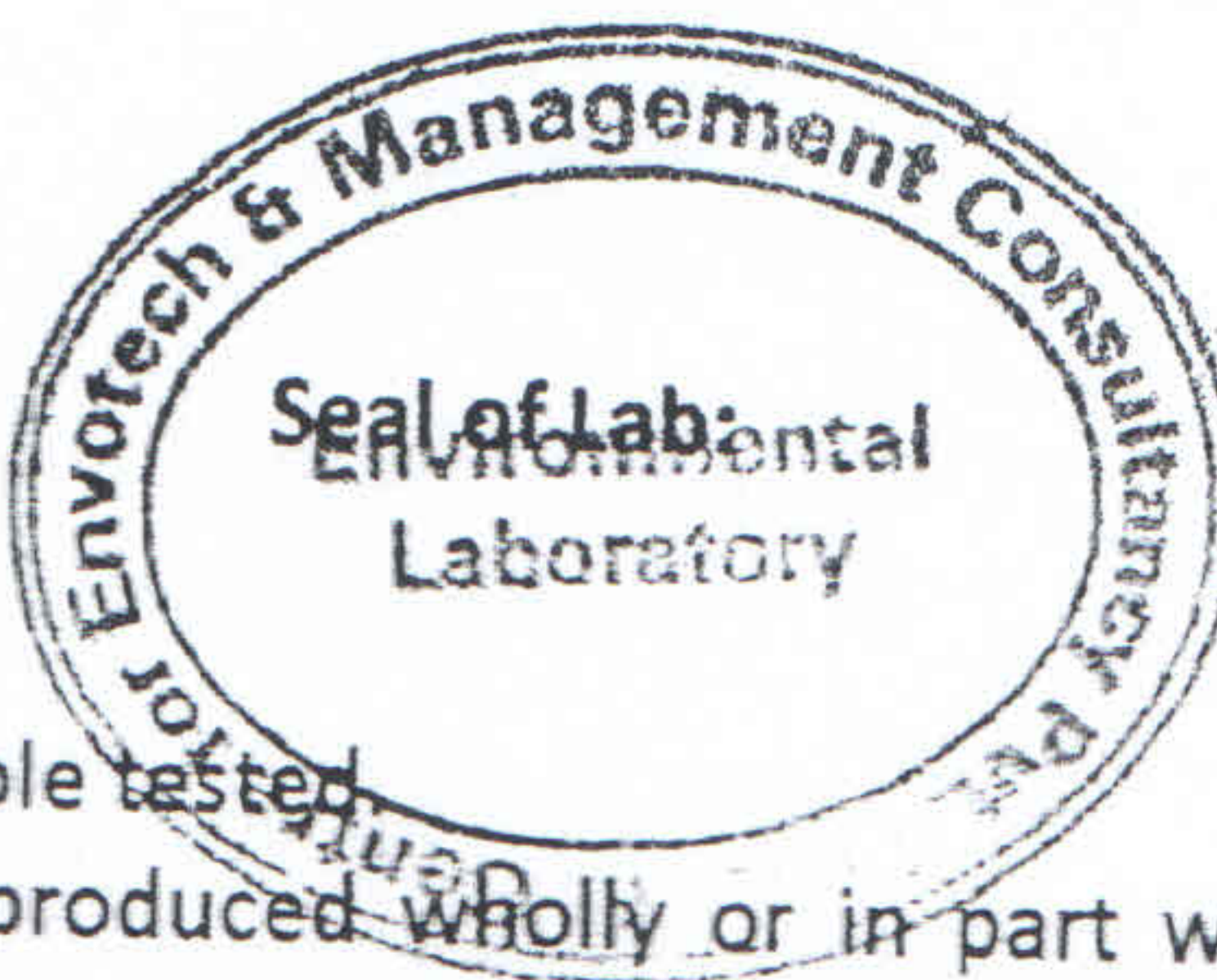
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AMBIENT AIR QUALITY MONITORING TEST REPORT

Issued to	Global Coal Mining Pvt.Ltd Jharsuguda, Odisha
Analysis No.	CEMC/GLOJ-AM003
Nature of Sampling	Ambient Air Sample
Sampling By	A.K Barik
Instrument Used	Respirable Dust Sampler Fine Particulate Sampler
Sampling Point	Near New Toilet
Sampling Date	11-02-2016

PARAMETER	UNIT	OBSERVATION	LIMIT AS PER CPCB
Particulate Matter (PM ₁₀)	µg/m ³	61.8	100
Particulate Matter (PM _{2.5})	µg/m ³	29.2	60
Sulphur Dioxide (SO ₂)	µg/m ³	11.2	80
Nitrogen Oxides (NO _x)	µg/m ³	16.3	80

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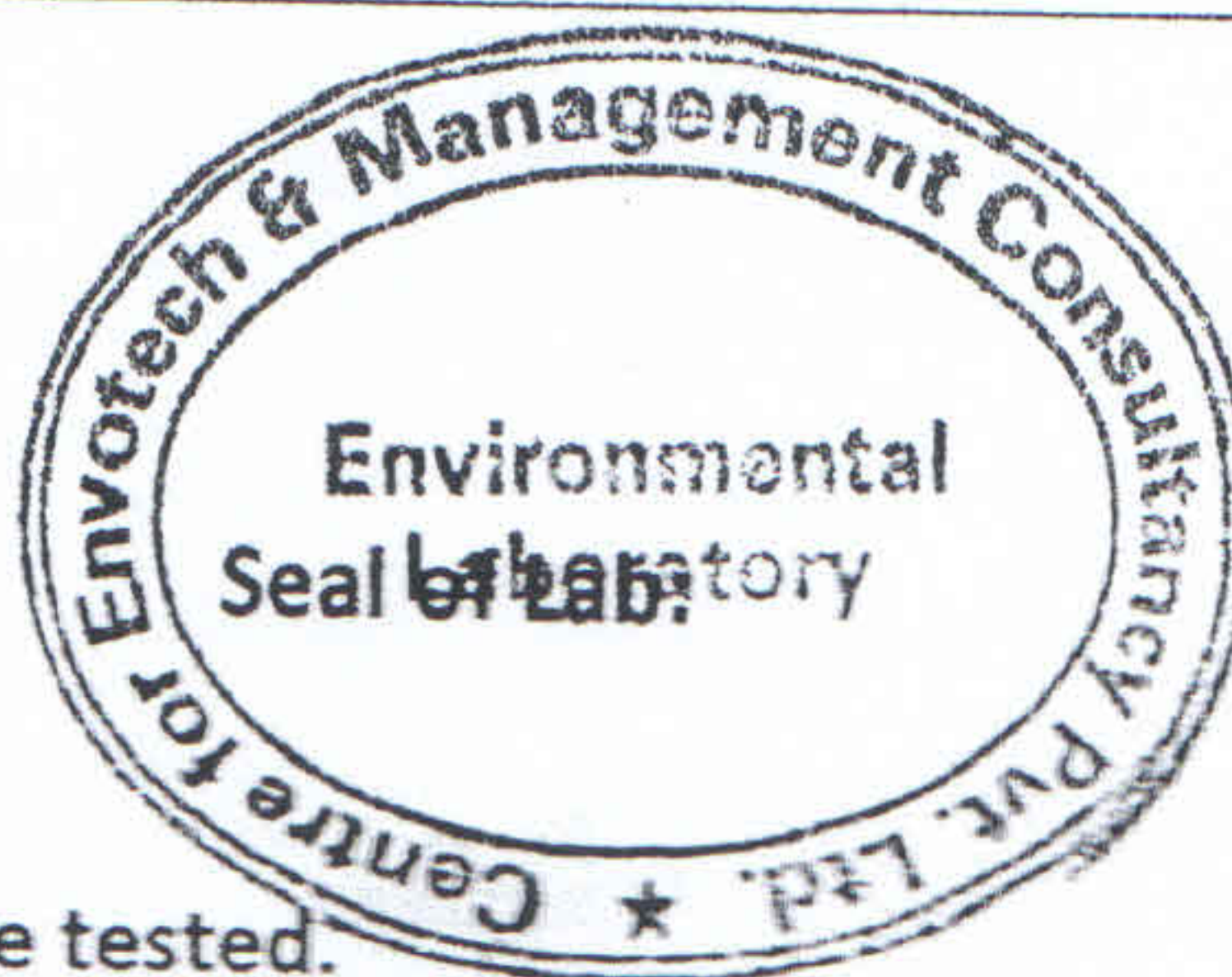
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Issued to	Global Coal Mining Pvt.Ltd Jharsuguda, Odisha
Analysis No.	CEMC/GLOJ-AM001
Nature of Sampling	Ambient Air Sample
Sampling By	A.K Barik
Instrument Used	Respirable Dust Sampler Fine Particulate Sampler
Sampling Point	Main Gate-1
Sampling Date	10-03-2016

PARAMETER	UNIT	OBSERVATION	LIMIT AS PER CPCB
Particulate Matter (PM ₁₀)	µg/m ³	78.2	100
Particulate Matter (PM _{2.5})	µg/m ³	42.6	60
Sulphur Dioxide (SO ₂)	µg/m ³	17.3	80
Nitrogen Oxides (NO _x)	µg/m ³	22.8	80

Halu

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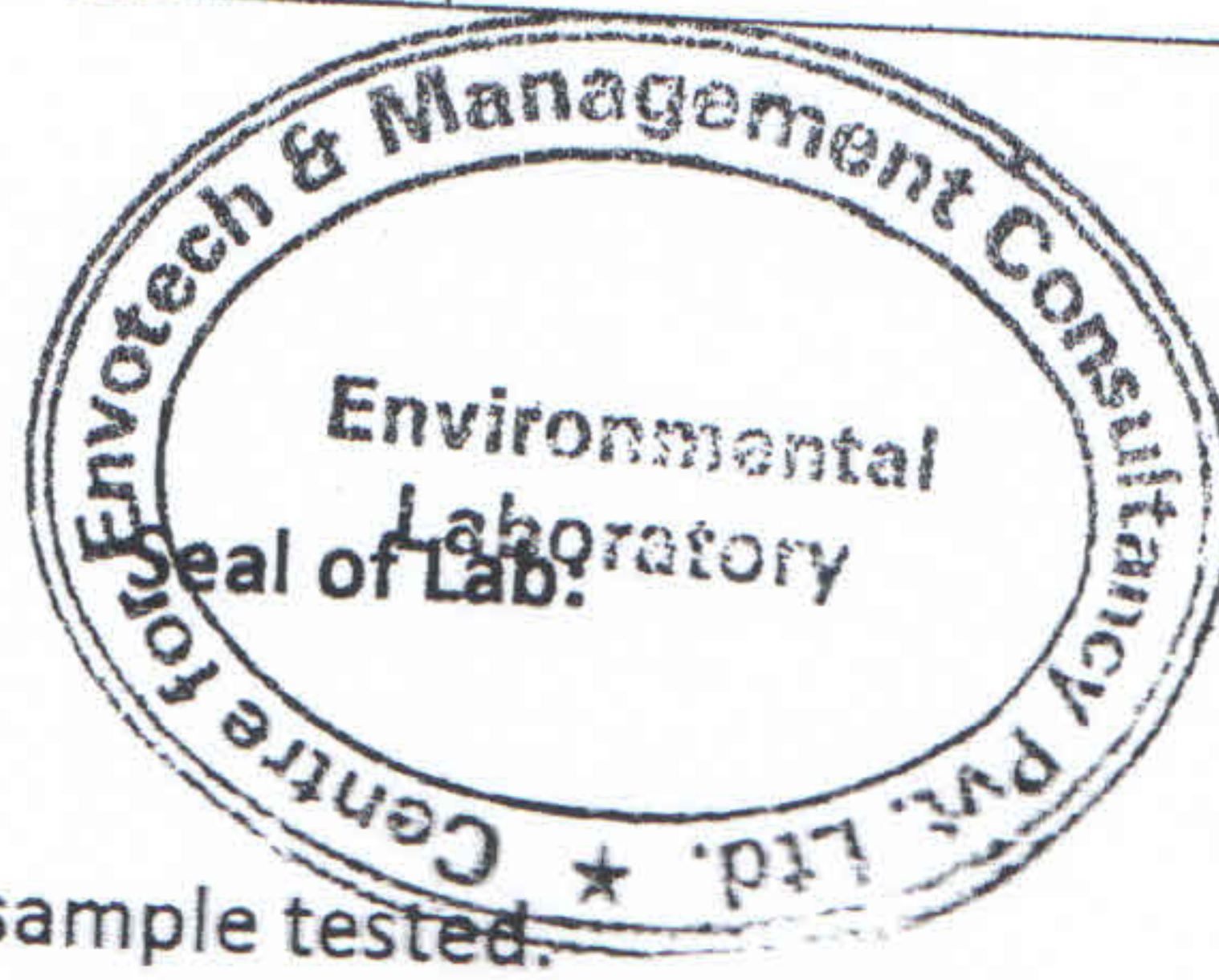
AMBIENT AIR QUALITY MONITORING TEST REPORT

Issued to	Global Coal Mining Pvt.Ltd Jharsuguda, Odisha
Analysis No.	CEMC/GLOJ-AM002
Nature of Sampling	Ambient Air Sample
Sampling By	A.K Barik
Instrument Used	Respirable Dust Sampler Fine Particulate Sampler
Sampling Point	Near Thinner Point
Sampling Date	10-03-2016

PARAMETER	UNIT	OBSERVATION	LIMIT AS PER CPCB
Particulate Matter (PM ₁₀)	µg/m ³	74.8	100
Particulate Matter (PM _{2.5})	µg/m ³	38.3	60
Sulphur Dioxide (SO ₂)	µg/m ³	14.7	80
Nitrogen Oxides (NO _x)	µg/m ³	19.6	80

A.K. Barik

Authorized Signatory:



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Analysis No.	CEMC/GLOJ-AM003
Nature of Sampling	Ambient Air Sample
Sampling By	A.K Barik
Instrument Used	Respirable Dust Sampler Fine Particulate Sampler
Sampling Point	Near New Toilet
Sampling Date	11-03-2016

PARAMETER	UNIT	OBSERVATION	LIMIT AS PER CPCB
Particulate Matter (PM ₁₀)	µg/m ³	74.8	100
Particulate Matter (PM _{2.5})	µg/m ³	38.3	60
Sulphur Dioxide (SO ₂)	µg/m ³	12.6	80
Nitrogen Oxides (NO _x)	µg/m ³	18.2	80

A.K. Barik

Authorized Signatory:



Notes:

- The results relate only to the sample tested.
- This Test Report shall not be reproduced wholly or in part without prior written consent of the laboratory.
- The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.
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Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS& GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826
E-mail- ccmc_consultancy@yahoo.co.in, ccmc122@gmail.com, website: www.ccmc.in, Landline: 0674-2360344.

Laboratory At: Plot No. 800/1274, Johal, Pahal, Bhubaneswar-752101,
E-mail: cemclab@yahoo.in, Mobile: 9937631956, 8895177314



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