MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (IA DIVISION-NON COAL MINING SECTOR)

AGENDA FOR 7th MEETING OF THE RECONSTITUTED EXPERT APPRAISAL COMMITTEE (NON-COAL MINING), SCHEDULED DURING JUNE 22-23, 2016.

Instructions: Project proponents are requested to strictly follow the following instructions:

1. The Project Proponents are requested to circulate the documents either in pen drive or hard copy whichever is convenient (bulky EIA reports may be sent in pen drive mentioning the agenda numbers) for the projects included in the Agenda given below to The Chairman and Members of the Committee (as per list given below) immediately. The proponents shall not wait for individual letters to be issued. The documents shall reach the members at least 10days before the meeting.

The Project Proponent should carry the KML/Shape Files $\,$ of the mine lease area at the time of presentation before EAC and to present on the details of mine lease online to show the present status of mine lease.

The Project Proponents are requested to carry one set of documents for submission during EAC meeting.

- 3.
- 4. Please indicate the item number of the Agenda while circulating the documents.
- 5. Presentations for <u>TOR</u> should be brief, precise and <u>supported by Letter of Intent of mine lease and toposheet</u>. All important features such as National Parks, Wildlife Sanctuary, Mangroves, Biosphere Reserves/Bio-diversity, Heritage sites, Reserve Forests, Rivers, water Bodies, Highways, Railway line, Habitations, Critically Polluted Areas (CPA) etc. should be clearly indicated in an area of 10 km radius of the proposed site.
- 6. The project proponents are required to fill up the questionnaire and get it duly signed by its authorized signatory (giving details as mentioned) and circulate the same to the Ministry and the Members along with other documents. If incomplete information is submitted, the project will not be appraised.
- 7. The project proponents are advised to give their presentation for EC starting with compliance with the prescribed TOR issued for the project.
- In accordance with the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, in case of expansion project and or 8. renewal of mine lease for which environment clearance was issued earlier, the project proponent shall submit a certified report of the status of compliance of the conditions stipulated in the environment clearance for the on-going / existing operations of the project by the Regional Offices of Ministry of Environment, Forest and Climate Change. The status of compliance of the conditions stipulated in the EC as highlighted in the report(s) will be discussed by the EAC during appraisal of the project.
- 9. The project proponent shall ensure that the reports / documents uploaded in the website of the Ministry, circulated to the EAC members and hard copy submitted to the Ministry are the same. In case of discrepancy the project will not be considered.
- 10. Details of mining project shall be given as per format at Annexure-1.
- The Consultant shall include an undertaking in the EIA report that the prescribed TOR have been complied with and 11. that the data submitted is factually correct and also an undertaking shall be submitted owning the contents (information and data) of the EIA report.
- 12. The project proponent during the submission of application or at the stage of TOR, should indicate the name of the consultant/ consultancy firm, Serial number they propose to hire for preparing EIA/EMP reports along with their complete details including their accreditation.
- All correspondence with MoEFCC including submission of application for TOR/EC, subsequent clarifications, as may 13. be required from time to time, participation in the EAC meeting on behalf of the project proponent shall be made by the authorized signatory only who should be a reasonably Senior Officer/Executive duly authorized in writing.
- 14. Kindly send a brief write up of project/executive summary of the project (maximum three page, in word format without any table) and the name of the consultant with the SI. No. in the QCI/NABET list in a week's time by e-mail to the following addresses:

sridhar-mef@nic.in, rb.lal@nic.in, sonu.singh@nic.in

Note: The items listed for environmental clearances will be taken up for appraisal only on fulfilment of relevant instruction given above.

AGENDA

Venue: Indus, Ground Floor, Jal Wing, Indira Paryavaran Bhawan, Aliganj, Jor Bagh Road, New Delhi-110003.

Day 1: 22ND JUNE, 2016 (WEDNESDAY)

Agenda Item No. 01:

10.00 AM - 10.15 AM: Circulation of the Minutes of 7th meeting of the EAC.

Agenda Item No. 02:

CONSIDERATION OF ENVIRONMENT CLEARANCE: 10.15 AM onwards		
(2.1).	J-11015/85/2014-IA.II(M) Silica Sand Mine with production 6,00,000 MTPA by M/s C.V. Mahadik located at Village Kasarde, Taluka kankavali, District - Singhudurg, Maharashtra (63.26 ha)	
(2.2).	J-11015/419/2013-IA-II (M) Kamarda Chromite Mines of M/s B.C. Mohanty & Sons Pvt. Ltd. located at village Kamarda, Tehsil Sukinda in Jajpur District of Odisha (107.24 ha) (36000 TPA to 66000 TPA), Bhubaneswar.	
(2.3).	J-11015/46/2015-IA-II(M) Pathrai Bauxite Mine of M/s Chhattisgarh Mineral Development Corporation Ltd. (CMDC) located at Village-Pathrai, Tehsil-Sitapur, district-Suguja, Chhattisgarh (99.350 ha)	
(2.4).	J-10015/192/2010.IA.II (M) Varda Bauxite Mine with production capacity 3,24,430 TPA of (ROM) by M/s Orient Abrasives Itd., located at Village-Mewasa, Taluka-Kalyanpur, District-Jamnagar (Deva Bhoomi Dwarka) Gujarat (37.2098)	
(2.5).	J-11015/218/2014-IA.II(M) Lamba & Bhatia Bauxite Mine with enhancement of production capacity to 73,800 TPA by M/s Shri Vinod Pandya located at Village – Lamba & Bhatia, Taluka-Kalyanpur, District-Jamnagar, Gujarat (54.0561 ha)	
(2.6).	J-11015/47/2011-IA.II (M) Bauxite mining project with enhancement of production capacity from 44543.356 TPA to 1,10,022 TPA of bauxite (ROM) by M/s Orient Abrasives Ltd., located at Village-Moti Balachor, Taluka-Abdasa, District-Kuchchh, Gujarat (110.07ha)	

	RECONSIDERATION OF ENVIRONMENT CLEARANCE			
(2.7).	J-11015/81/2013.IA.II(M) Limestone mine of M/s My Home Industries Limited located at Village-Gamalapadu, District Guntur, Andhra Pradesh (4.0 MTPA, 374.58 ha.)			
(2.8).	J-11015/34/2014-IA.II (M) Limestone Mine of M/s. Sree Jayajothi Cements Ltd. located at Village – Palkur, Mandal – Banaganapalle, District – Kurnool, Andhra Pradesh. (149.392 ha)(0.40 MTPA)			
(2.9).	J-11015/150/2014-IA.II(M) Chilai Dolomite mine of M/s Mohammadi Minerals located at village Chilai, tehsil Wani, District Yavtmal (MS), Maharashtra (61.91ha) (1.5 MTPA)			
(2.10).	J-11015/465/2012-IA,II(M) Bauzite Mining of M/s Ex-Serviceman Welfare Association located at Village Girgaon, Mhalsavade and Ringewadi, Tehsil Shahuwadi, District Kolhapur, Maharashtra (90.60 ha.)			
(2.11).	J-11015/393/2010-IA.II(M) Sadanandapuram Manganese Ore Mine of M/s Rai Bahadur Seth Shreeram Durgaprasad & Fatechand Narasingdas (RBSSDFN) located at Villae Sadanandapuram, Mandal Gurla District Vizianagaram, Andhra Pradesh			
	AMENDMENT OF ENVIRONMENT CLEARANCE			
(2.12).	J-11015/12/2000-IA.II(M) Mining of Chromite Ore of M/s Jindal Strips Ltd. located at Village Kaliapar, Tehsil Sukhinda, District Jajpur Orissa.			
	AMENDMENT OF TOR			
(2.13).	J-11015/464/2014-IA.II (M) Dumarpara Dolomite Mine of M/s Sri Balaji Metals & Mineral Pvt. Ltd. located at Village-Dumarpara, Tehsil-Sakti, District- JanjgirChampa, Chhattisgarh (42.754ha) (Expansion of production from 1,50,000 TPA to 3,40, 393.16 TPA)			
	CONSIDERATION OF TOR PROPOSALS			
(2.14).	(2.14). J-11011/308/2015-IA.II(M) Kalyanpur Limstone Mine of M/s Kalyanpur Cements Limited located at Village Kalyanpur, District Rohtas, Bihar (40.45 ha.)			
(2.15).	Parsabader & Kokdi Lime Stone Mine of M/s Neco Industries Ltd. located at Tehsil & District – Baloda Bazar, Chhattisgarh (159.669 ha.) IA/CG/MIN/53586/2016			

(2.16).	J-11011/576/2008-IA.II(I) Sultanpur thanda limestone mine of M/S NCL Industries Limited located Pedaveedu Village, Mattampalli Mandal, Nalgonda District, Telangana (42.83 Ha IA/TG/MIN/53620/2016	
(2.17).	Stone Quarries of M/s City and Industrial Development Corporation Ltd is located at Village-Pavane, Bonsari, Shiravane, Turbhe, Kukshet. Tahasil-Thane, District-Thane, Maharashtra (138.07 Ha) IA/MH/MIN/53617/2016	

Day 2: 23RD JUNE, 2016 (THURSDAY)

10.00 AM Onwards

	CONSIDERATION OF ENVIRONMENT CLEARANCE: 10.00 AM onwards
(2.18).	J-11015/80/2012-IA-II(M) Expansion of Surda Copper Mine from 0.39 million TPA to 0.9 million TPA (ROM) by M/s Hindustan Copper Ltd., located at village-Surda, Sohada, Benashole, Pathargora and Forest Block, Mosabani Tehsil, East Singhbhum District, Ghatsila, Jharkhand (388.68ha)
(2.19).	J-11015/180/2013-IA.II (M) Bajri (Minor Mineral with capacity of 3.64 Million TPA) Mining by M/s Chandak Associates located at Near village Kurasla Tehsil Todaralsingh, District Tonk, Rajasthan.
(2.20).	J-11015/463/2014-IA-II(M) Kakalpur Limestone Mine with production capacity of 5.0 Lakhs TPA (ROM) of Limestone by M/s Kamlakar Chaturvedi, located at Village – Kakalpur, Tehsil – Amarpatan, Distt. – Satna, Madhya Pradesh (100.385)
(2.21).	J-11015/253/2013-IA.II (M) River Sand Mining with Production Capacity of 14 Lakh TPA Sand by M/s Mahendra Singh Ratnawat located near 86 Revenue villages viz. Mandwara, Shriramganj, Nareda, Chhapri and others., Tehsil-Phagi, District-Jaipur (Rajasthan) (1329.983 ha.)
(2.22).	J-11015/353/2013-IA.II (M) River Sand Mining with production capacity of 5,60,000 TPA by M/s Arjun singh, located at Revenue Village(s) of Tehsil Shahpura, District-Jaipur, Rajasthan. (113.77 ha)
(2.23).	J-11015/84/2014-IA.II(M) China Clay and Silica Sand Mine with production 1.28 Lakhs TPA of China Clay and Silica Sand (ROM) by M/s. Smt. Agnes Selina Mandal, located at villages Saidpur Bujrug, Tehsil- RajMahal, District- Sahibganj, Jharkhand (7.12ha)

(2.24).	J-11015/133/2013-IA.II (M)			
	Mining of sand, bajri and boulders with production capacity of 6.8 5 Lakhs MTPA in			
	River Suswa Lot No. 12/2 of M/s Garhwal Mandal Vikas Nigam Ltd., located at			
	Village-Satiewala, Kudkawala, Teiliwala & Kheri, TehsilDoiwala, Distt-Dehradun,			
	Uttarakhand (55.51ha)			
(2.25).	J-11015/347/2013-IA-II(M)			
	Sand Bajri & Boulder Mine with production capacity of 1.62 LTPA (ROM) by M/			
	Garhwal Mandal Vikas Nigam Ltd. Located at Vill Maror, Tehsil Dhanoulty			
	District Tehri Garhwal, Uttarakhand (Area 7.773 ha)			
(2.26).	J-11015/45/2015-IA-II(M)			
, ,	Jogiyara Sand and Boulder Mine of M/s Garhwal Mandal Vikas Nigam Ltd.			
	(GMVN) with proposed production capacity of 1, 82,300 TPA (ROM), located at			
	Village - Jogiyara, Tehsil - Yamkeshwar, District - Pauri Garhwal, Uttarakhand			
	(7.948 ha)			
(2.27).	J-11015/433/2012.IA.II(M)			
, ,	Change in technology for production of 84,000 TPA of Manganese Ore from			
	opencast to opencast and underground mining in Palaspani Manganese Ore Mine			
	of M/s Krishnaping Alloys Ltd., at Village Palaspani, Tehsil Sausar, District			
	Chhinndwara, Madhya Pradesh (54.129 ha)			
	RECONSIDERATION OF ENVIRONMENT CLEARANCE			
(2.28).	J-11015/227/2013-IA-II(M)			
,	River Sand Mine (2.80 Lakh TPA) of M/s Narrotham Singh Jadaun, located at			
	Revenue Villages of Tehsil & District-Rajsamand, Rajasthan (489.39ha)			
	CONSIDERATION OF TOR			
(2.29).	Graphite Mine (4.93 Ha.) (29245 TPA - 55870 TPA) of M/s Sri Krishna Kumar			
(2.20).	Poddar , located at Plot No. 46, Village Murma, Thana Satbarwa, District Palamau,			
	Jharkhand IA/JH/MIN/53727/2016			
AMENDMENT OF ENVIRONMENT CLEARANCE				
(2.30). J-11015/349/2007-IA-II(M)				
` '	Gothra Silica Sand Mining Project of Smt. Vimlesh Kumari located in village			
	Gothra Tehsil Weir, District Bharatpur, Rajasthan.			
(2.31).	J-11015/270/2005-IA-II(M)			
(—·• ·)·	Ball & Fire Clay, Red & Yellow Ochre Mining Project of M/s Jai Chand Lal Daga			
	located in Village Indo Ka Bala Tehsil Kolayat, District Bikaner Rajasthan.			
(2.32).	J-11015/232/2005.IA.II(M)			
(0-).	Bherda Limestone Mining Project of M/s Birla Corporation Limited located in			
	Village Bherda, Tehsil & District Chittorgarh, Rajasthan			

(2.33).	J-11015/60/2014-IA.II(M) Lease of "Siyar Ka Kosita Gypsum Mines" with production capacity of 0.70 Lakhs TPA of Gypsum by M/s Rajasthan State Mines Minerals Limited located Near Village-Siyar Ka Kosita, Tehsil-Sanchore, District-Jalore, Rajasthan (178.50 ha)			
(2.34).	J-11015/460/2006-IA.II(M) Expansion of Daroli-1 Limestone Mining Project (ML.NO. 02/88) of M/s Udaipur Cement Works Limited located in Village Daroli, Tehsil Vallabahanagar, District Udaipur, Rajasthan			
(2.35).	J-11015/978/2007-I.A. II (M) Extension of Limestone (Minor Mineral) Mining Project of M/a Jai Ram located in Village Pundloo, Tehsil Merta District Nagaur, Rajasthan			
	EXTENSION / AMENDMENTS OF VALIDITY OF TOR			
(2.36).	J-11015/380/2013-IA-II(M) Thandiberi Limestone Mine of M/s Binani Cement Limited (Mining Lease Area 256.0 ha) Expansion in Limestone Capacity from 1.065 to 1.165 MTPA Near Village-Thandiberi, Tehsil – Pindwara, District –Sirohi Rajasthan			
(2.37).	J-11015/381/2013-IA-II(M) Amli Limestone Mine of M/s Binani Cement Limited (Mining Lease Area 468.6875 ha) Expansion in Limestone Production 6.35 to 10.486 MTPA Near Village-Amli, Tehsil-Pindwara, District – Sirohi , Rajasthan.			

Agenda Item No. 3:

(3.1). Any other Matter with the permission of the Chairman. ***

Basic Information

Important Note: Please send the information by e-mail in word format and a signed & scanned copy to the Member Secretary prior to the EAC meeting. Please also provide a copy to the members of the EAC during the EAC meeting.

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- 1. Name of the project:
- 2. Name of the Company, Address Tele No. & E-mail Head of organization:
- 3. If a Joint venture, the names & addresses of the JV partners including their share
- 4. Latitude and Longitude of the project
- 5. Whether the project is in the Critically Polluted Area (CPA):
- 6. Cost of the project
- 7. Whether new or expansion project . If expansion:
 - (i) from MT to MT
 - (ii) What is the % of expansion
- 8. If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006.
- 9. No. and Date of the ToR /and revised ToR, if any, letter issued by the MoEF (if this is a case for EC)
- 10. No. and Date of the EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so, what specific reconsideration(s) being sought by the proponent)
- 11. If the project was considered in EAC, Pl. give dates of the meeting (s).
- 12. Type of Mine: (Open cast/Underground/mixed):
- 13. Capacity of the mine applied for
- 14. ML Area
 - (i) As per block allotment
 - (ii) As per approved mine plan
- 15. Date of approval of mine plan, mine closure plan, status & date
- 16. Date of Board's approval:
- 17. Date of Ground water clearance and surface water approval.
- 18. Existing Ground water level in (M)
- 19. Date of mine closure approval
- 20. Any river/Nallah flowing near or adjacent to the proposed mine. If yes, please give details.

Details of mine lease:-

1. Date of entering into original lease deed.	1. Date of 1 st lease renewal	1. Date of 2 nd lease renewal	1. Date of 3 rd lease renewal
2. Date of expiry of original lease deed	2. Whether renewal or deemed renewal	2. Whether renewal or deemed renewal	2
	3. Date of expiry of 1 st lease renewal/deemed renewal	3. Date of expiry of 2 nd lease renewal / deemed renewal	[ALSO FOR SUBSEQUENT RENEWALS]

II TECHNICAL DETAILS

21. <u>Geological Reserve:</u>

- (i) Total geological reserve
- (ii) Mineable reserve
- (iii) Extractable reserve
- (iv) Per cent (%) of extraction
- (v) Range of ground water level
- (vi) Total estimated water requirement:
- (vii)Details of intersecting ground water level

22. <u>Details of Deposits</u>:

- (i) Depth of over body
- (ii) Grade of ore
- (iii) Stripping ratio
- 23. Method of mining:
- 24. Life of mine
- 25. Whether ambient air quality seasonal data has been monitored. If so, from which season to which season and whether the results are within the prescribed limits.
- 26. Whether the monitoring report of earlier EC from MoEF Regional Office has been obtained, in case the proposal is for expansion.

27. Details of O.B.

- (i) External OB dumps
- (ii) No of OB dumps
- (iii) Area of each dump
- (iv) Height of each dump
- (v) Quantity (in MCm) of OB in each dump
- (vi) Year of back filling
- (vii) No. of OB dumps reclaimed
- (viii) If garland drains and settlement facility for runoff created
- (ix) Whether runoff water being utilized

28. Details of Internal Dumps

- (i) Number of internal dumps
- (ii) Area of each dump
- (iii) Height of each dump
- (iv) Quantity of wastes filled (MCm)

29. Utilization potential of wastes

- (i) Within the mines
- (ii) Outside mines
- (iii) Efforts made by proponent

30. <u>Details of final Mine Voids</u>

- (i) Area
- (ii) Depth

31. <u>Details of Quarry:</u>

- (i) Total quarry area:
- (ii) Backfilled quarry area ofha shall be reclaimed with plantation
- (iii) A void of ha at a depth of m which is proposed to be converted into a water body

(iv) Green belt created in ha.

32. <u>Details of Land usage</u>

- (i) Pre-mining
- (ii) Post- Mining
- (iii) Core area

33. Details of Forest issues

- (i) Total forest area involved (in ha) for mining lease.
- (ii) Total broken forest area.
- (iii) Status of Forest Clearance and extend of forest land diverted in ha.
- (iv) Is there any National Park, eco-sensitive Zones, within 10 km radius? If so, give the details.
- (v) Extent of forest land in the project (including safety zone and all types of forest land) (in ha)
- (vi) Total forest land for which Stage-1 FC is available (give area in ha), provide breakup of this area in following format:

Area (in ha)	Stage-1 FC issued vide letter no. & date	Validity period of earlier FC granted
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- (vii) Balance forest land for which Stage-1 FC is not available (give area in ha)
- (viii) Details of wild life issues involved, if any. If so, whether WL management plan has been prepared; pl. indicate the status.
- (ix) Whether schedule -I species, if yes conservation plan is approved by CWLW?

34. Costs of the project:

- (i) Total capital Cost:
- (ii) Cost of Production:
- (iii) Sale Price:
- (iv) CSR cost:
- (v) R&R Cost:
- (vi) No of PAFs:
- (vii) Cost for implementing EMP:

35. <u>Details of villages/habitation in mine lease area</u>

- (i) Inside the lease
- (ii) Surrender by lease
- (iii) Extent of cropland acquired/ being acquired in ha.

36. Details of transportation of mineral

- (i) In pit:
- (ii) Surface to siding:
- (iii) Siding to loading:
- (iv) Quantity being transported by Road/Rail/conveyer /ropeway
- (v) Proposed change in transportation means it any, give details

37. <u>Details of reclamation</u>:

- a. Afforestation shall be done covering an area of: ha at the end of mining. This will include:
 - (i) Reclaimed external OB dump (in ha):

- (ii) internal dump (in ha),
- (iii) Green belt (in ha)
- (iv) Density of tree plantation (in no of plants)
- (v) Void (in ha) at a depth of (in m) which is proposed to be converted into water body
- (vi) Others in ha (such as excavation area along ML boundary, along roads and infrastructure, embankment area and in township located outside the lease etc).
- (vii) Agriculture and horticulture
- (viii) Fisheries
- (ix) ECO Tourist/recreation spot

III. LEGAL ISSUES

- 38. Any court case pending. If so, please provide a list with details as annexure.
 - (i). Environment (Protection) Act
 - (ii). Air (P&CP) Act
 - (iii). Water (P&CP) Act
 - (iv). MMRD Act
 - (v). The Factories Act
 - (vi). Other land R&R related cases
- 39. Any violation cases pending. If so, please provide a list with details as annexure
- 40. Give details of actual production vis-à-vis sanctioned capacity since the inception of mine in following format or since 1993-94 as applicable:

Year	EC sanctioned capacity (MTPA)	Actual production	Excess production beyond the EC
	,	(MTPA)	sanctioned capacity

- IV. PUBLIC HEARING ISSUES
- 41. Date and Place of public hearing:
- 42. The designation of officer presided our the PH
- 43. Issues raised during Public Hearing and assurance given alongwith the financial provisions and action plan, if any, by the project proponent. (Please attach as an annexure in a tabular form.)
- 44. Number of representation received in writing from the district and outside of district, please give details

V. <u>Consultant;</u>

- 45. Name of the EIA consultant who prepared the EIA/EMP report.
- 46. Whether the consultant has been accredited by the QCI and NABET as per the MoEF OM dated 2nd December, 2009.
- 47. Name of specialists/consultants involved in making EIA report and in collecting data.
- VI. Other Information
- 48. One page summary for TOR and EC separately as applicable.
- 49. Brief Background of the Project as per table:

1.	Details of PP and Group companies
	(a)Financial Position
	(b)Group companies
	(c)Legal issues
	(d) Past and current litigations
2.	Social, economic and environmental aspects of the
	project in brief.

LIST OF EXPERT APPRAISAL COMMITTEE (MINING - Non Coal Mining Sector)

SI. No.	Name and address	Designation	
1.	Dr.Ajai Kumar B-1302, BestechParkView Spa, Sector-47, Gurgaon, Haryana	Chairman	
2.	Shri B Ramesh Kumar H-No. 6-1-134/6, Balram Compound, Padmarao Nagar, Secundrabad- 500025,Andhra Pradesh	Member	
3.	Prof.Dr. K.S. Rana Maharana Manzil, 18, Dholpur House, (D.M. Compound), M.G. Road,Agra-1, Uttar Pradesh - 282001	Member	
4.	Prof. A. K. Bhatnagar, JA/4B, Ashok Vihar-I, Delhi – 110052	Member	
5.	Dr. N. C. Karmakar Department of Mining Engineering, Indian Institute of Technology (BHU), Varanasi – 221 005, Uttar Pradesh	Member	
6.	Dr.Hemant S. Sahasrabuddhe "Utkarsha", LB-53, Housing Board Cology, Laxminagar, Nagpur-440022	Member	
7.	Prof. S. Ramakrishna Rao 50-120-9/1, Tulasi Mani Regency North Extension, Seethammadhara, Visakhapatnam - 530013 Andhra Pradesh.	Member	
8.	Dr.HimanshuPathak, Professor, Center for Environment Science and Climate Resilient Agriculture, Indian Agricultural Research Institute, New Delhi 110 012	Member	
9.	Dr AL. Ramanathan Professor, School of Environmental Sciences, Jawaharlal Nehru University. New Mehrauli Road, New Delhi- 110067	Member	
10.	Dr.Tushar Kant Joshi, LaxmikantNiwas, SalanGaon, Bhagwantpur, Dehradun-248009, Uttrakhand.	Member	
11.	ShriSantosh Gupta, Flat No. 405, Block –B, Gaur Green Vista, NyayKhand -1, Indrapuram, Ghaziabad-201014	Member	
12.	Representative of Ministry of Mines Shri. K.S. Yadav, Regional Controller of Mines, Indian Bureau of Mine,H.No. 100, Old Nehru Colony,Dehradun-248001,Uttrakhand.	Member	
13.	Representative of Indian Meteorological Mr. V.K. Soni, Scientist "E", (Meteorology/Air Pollution), 609, SatMet Building, MausamBhawan,Indian Meteorological Department,Lodhi Road, New Delhi-110003	Member	
14.	Representative of Wildlife Institute of India, Dr. (Ms.) AshaRajvanshi, Wildlife Institute of Inida, Chandrabani, Dehradun-248001	Member	
15.	Director IA-Division (Non Coal Mining) Vayu-305, Indira ParyavaranBhawan, Ministry of Environment, Forest& CC, Jorbagh Road, Lodhi Road, New Delhi-110003	Member Secretary	
