

**MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHNAGE  
(IA DIVISION-NON COAL MINING SECTOR)**

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**SUMMARY RECORD OF 24<sup>th</sup> MEETING OF THE RECONSTITUTED COMMITTEE OF THE EXPERT APPRAISAL COMMITTEE FOR ENVIRONMENTAL APPRAISAL OF MINING PROJECTS CONSTITUTED UNDER EIA NOTIFICATION, 2006.**

The 24<sup>th</sup> Meeting of the Reconstituted Expert Appraisal Committee for Environmental Appraisal of Mining Projects (Non-Coal) of the Ministry of Environment, Forests and Climate Change was held during **October 27-28, 2014**. The list of participants is annexed.

After welcoming the Committee Members, discussion on each of the Agenda Items was taken up ad-seriatim.

**Item No. 1:**

**(1.1). Confirmation of the Minutes of the 23<sup>rd</sup> EAC Meeting.**

The Minutes of the 23<sup>rd</sup> Meeting of EAC held during **September 25-26, 2014** were confirmed and circulated.

**Agenda Item No. 2:**

**Day 1: 27<sup>th</sup> October, 2014**

**Consideration of Environmental Clearance Proposals**

**(2.1).Ramnagar Limestone Deposit with production capacity of 0.25 million TPA (ROM) by M/s Jaiprakash Associates Ltd., located at village Ramnagar, District- Satna, Madhya Pradesh (169.728ha) (Consultant: Vimta Labs Limited, Hyderabad)- Reconsideration of EC**

The proposal of M/s Jaiprakash Associates Limited is to set up limestone mining operation with a production capacity of 0.25 million TPA (ROM). The mine is located at Ramnagar village, Rampur Baghelan Tehsil, Satna District, Madhya Pradesh to meet the partial requirement of the existing Jaypee Rewa Cement Plant. The geographical Co-ordinates of the proposed mine lease area lie between Latitudes: 24° 36' 31" N to 24° 37' 36" N and Longitudes: 81°03' 48" E to 81°04'59" E on Toposheet no: 63 H/2, D/14.

The Proposal of EC was earlier considered by the EAC in its meetings held during September 21-23, 2011 and February 24-25, 2014 wherein the Committee

deferred the proposal and sought additional information/clarifications from the PP. The Project Proponent vide letters dated 03.12.2013 and 01.08.2014 has submitted the same and accordingly, the proposal is considered in the present meeting.

The proposal of TORs was considered by the Expert Appraisal Committee (Mining) in its meeting held during March 17-19, 2010 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by the Ministry vide letter no. - J-11015/19/2010-IA-II (M), dated 28<sup>th</sup> April 2010. The Proponent submitted the EIA/EMP Report to the Ministry for seeking environmental clearance after conducting Public Hearing.

The proposal was earlier considered by the Expert Appraisal Committee in its meeting held during September 21-23, 2011. The Committee observed that the notice for conduct of Public Hearing was published in the newspaper on 15.3.2011 for holding the Public Hearing on 20.4.2011. The Public Hearing was however, postponed to 23.4.2011 for which the Public notice was made in the newspaper on 20.4.2011. In view of the same, the Committee referred back the matter to MoEF for taking a decision regarding validity of Public Hearing before considering the proposal further. The consideration of the proposal was therefore deferred. In this context, the MoEF has decided that the Public Hearing is not valid in terms of the provisions of the EIA Notification 2006. The Ministry has communicated to the PP vide letter dated 13.03.2012 to conduct the Public Hearing afresh as per the provisions of the EIA Notification 2006. In response to MoEF Letter dated 13<sup>th</sup> March 2012, the Public Hearing was re-conducted on 18<sup>th</sup> October 2012 and accordingly, the PP has submitted the revised EIA/EMP Report and the same was received in the Ministry on 03.12.2013.

Total mine lease area is 169.728ha, out of which, 129.977ha is Agricultural land, 8.082ha is waste land and 31.669ha is Govt. land. No forest land is involved. The scheme of mining along with progressive mine closure plan has been approved by Indian Bureau of Mines Central Zone, Ministry of Mines vide letter no. No 314(3)/2007-MCCM(C)/MP-17, dated 10<sup>th</sup> August 2007. The Limestone Mine was allocated to M/s JAL vide ref. no. 3-43/2003/12/1, dated 27<sup>th</sup> August, 2008 from Mineral Resources Department, Government of Madhya Pradesh.

Mining will be done by fully mechanized opencast method. The mining process involves drilling & blasting, loading and transportation of the excavated material. Mineable reserves as per the mine plan are about 15.80 MT with mineral reserves of about 11.06 MT. The overburden generated for first five years will be about 7.50 Lakh m<sup>3</sup> with a stripping ratio of 1:1.24 (LS to OB). The proposed working will be by putting 100-153 mm dia DTH holes by Wagon drill machine & blasting by ANFO & Booster charge with detonator. Overall pit slope will be 45°. The blasted material will be loaded by Excavator in Dumper of 30 MT &

transported to Crushing Plant situated at Jaypee Rewa Cement Plant located at distance of 10.7 km away from the mine.

Proponent reported that the ultimate working depth of the mine will be 37 m bgl. Mine will be intersecting ground water table during mining operations. Measures will be taken to pump excess water collected at the deepest point at working area and also surface drainage system will be provided. The water requirement for the project is estimated as 75 m<sup>3</sup>/day which will be met from water reservoir developed within the mine-pit. Initially, water will be sourced from the operating Naubasta Mine which is located at a distance of 16 kms. Recycled water will be used for sprinkling on haulage road for dust suppression.

There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Wildlife corridors, Tiger/Elephant Reserves etc. within the study area (10 km radius of mining lease boundary). There are four reserve forests in the study area. One Schedule-I species i.e. Peafowl was reported within the study area. Conservation plan has been prepared. The Committee noted that the budget is not provided in the conservation plan and was of the view that the PP needs to submit the revised conservation plan with adequate budgetary provisions to protect the schedule-I species.

The baseline data was generated from Pre-monsoon season i.e. March 2010 to May 2010. The basic parameters of environmental attributes air, water, soil and noise are well within the limits as prescribed by the CPCB. The Committee noted that the base line data is old and was of the view that the Proponent needs to collect fresh base line Ambient Air Quality data for two months i.e. April-May 2014 and compare it with the earlier data and accordingly, amend the EIA Report. The analysis of water quality for the above months of nearby fresh water streams should also be included in the EIA/EMP Report.

The Public Hearing was conducted on 18<sup>th</sup> October 2012 under the Chairmanship of Shri S.N. Tiwari, SDM and representative of Collector Satna. The representative of Madhya Pradesh Pollution Control Board was also present. Major issues raised during Public Hearing were related to employment, education, environmental protection measures and CSR activities. The issues raised during Public Hearing were discussed and an Action Plan has been prepared by the Proponent. The Committee noted that the Chairman is the rank of SDM and as per the Environmental Impact Assessment (EIA) notification 2006, the District Magistrate/District Collector/Deputy Commissioner or his or her representative not below the rank of Additional District Magistrate assisted by a representative of SPCB or UTPCC shall supervise and preside over the entire Public Hearing process. The Committee deliberated the issues and was of the view that Proponent need to submit the rank of officer who chaired the Public Hearing from the SPCB and District Collector of Satna.

The total cost of the Project is Rs. 10 Crores. The cost on environment protection measures will be Rs. 155.3 lakhs with a recurring cost of Rs. 34.5 lakhs

per annum. It is proposed to incur Rs. 0.5 Crores on CSR activities. Project proponent reported that there is no court case / litigation pending against the proposed project.

After detailed deliberations in the EAC Meeting held during February 24-25, 2014, the Committee deferred the proposal and sought the following information/clarification: -

- (i) The Committee noted that the base line data is old and was of the view that the Proponent needs to monitor the fresh base line Ambient Air Quality monitoring data for two months i.e. April-May 2014 and compare it with the earlier data and accordingly, amend the EIA Report. The analysis of water quality for the above months of nearby fresh water streams should also be included in the EIA/EMP Report.
- (ii) Proponent needs to submit the rank of officer who chaired the Public Hearing from the SPCB and District Collector of Satna;
- (iii) The Committee noted that the budget is not provided in the conservation plan and was of the view that the PP needs to submit the revised conservation plan with adequate budgetary provisions to protect the schedule-I species;
- (iv) Detailed Action plan needs to be provided with budgetary provision on issues raised during the Public Hearing;
- (v) Details of first order stream; and
- (vi) Details of TORs 11 in respect to isopleth with better resolution need to be submitted.

The Project Proponent vide letter dated 01.08.2014 has submitted the abovementioned information/clarifications and accordingly the proposal is considered in this meeting. The PP has presented the point-wise information are as below: -

**Point (i):** Baseline studies have been conducted for two months i.e. April-May, 2014 representing partly pre-monsoon season. Ambient air quality data and analysis of water quality have been compared with earlier data (March-May, 2010) and accordingly, amended the EIA Report. The concentrations of Ambient air quality data in the study area during pre-monsoon season 2014 is relatively higher as compared to values recorded during the pre-monsoon season 2010. However, the data observed at the site during 2010 when compared with the data recorded during 2014 pre-monsoon season are observed to be reasonably consistent and well within the limits specified in NAAQS. The increase in concentrations may be due to increase in traffic, other commercial activities and also due to natural growth process. The water quality parameters of ground and surface water at all the sampling locations are compared for pre- monsoon season of the year 2010 and 2014. The results are consistent and within the permissible limits specified under IS-10500 standards.

**Point (ii):** The Public Hearing was conducted on 18<sup>th</sup> October 2012 and carried out under the chairmanship of Shri S.N. Tiwari, SDM representative of Collector Satna. Dr. R. S. Parihar, Regional Officer of Madhya Pradesh Pollution Control Board was also present. Shri S. N. Tiwari, SDM, Chairman Public Hearing, had represented as ADM and in this context, the SPCB has conveyed the reference received from Collector Satna, vide letter no. 2931/RO/PNB/East/2014 dated 05/03/14.

**Point (iii):** One Schedule-I (Peacock) species was recorded in study area whereas the others belong to schedule-II, III, IV & V of Wildlife Protection Act 1972. Peacock conservation plan along with budgetary provisions has been revised and incorporated in the EIA/EMP Report. Budget allocated for the peacock conservation activities is Rs. 20 Lakhs. The Committee noted that Conservation Plan has not yet been approved by the CWLW.

**Point (iv):** Detailed Action Plan along with budgetary provision on issues raised during the Public Hearing has been revised and incorporated in the EIA Report. Major issues raised during Public Hearing and their budget allocations are as below:

- a) Plantation in Mine Area - Budget proposed for greenbelt development Rs.88.7 Lakhs and Plantation for I-V Years = 9.0 Lakhs. Balance funds will be used in subsequent years.
- b) Compensation to Land Losers - Land is to be acquired @ Rs. 19.20 lakhs/ha
- c) Employment to Land Losers –The Proponent assures to employ local youth fulfilling required qualifications. Preference in employment will be given to land losers depending on qualification and requirement. Jaiprakash Associates Ltd. will also assist and encourage agriculturist to plant soya bean and mustard crops in the balance of the land available with them, and also offer soya/mustard Cake to land owners (whose land has been acquired for Mining operations) at subsidized price as a nutrition for cattle feed.
- d) Pollution - Cost of Environmental Protection measures is Rs. 155.3 Lakhs (Capital Cost) & Rs. 34.5 Lakhs (Recurring Cost)
- e) Community development like health, education & employment – Total budget allocated for CSR activities is Rs. 52 lakhs
- f) Drinking Water - Budget proposed for drinking water facility & sanitation Rs. 9.0 Lakhs

**Point (v):** The drainage pattern of the lease area reveals that there is only one first order stream having a catchment area of about 25 hectares and it originates in the lease area of 169.728 hectares. This stream carries a meager surface runoff during the rains, and will continue flowing till the mining activity covers this stream when the rainfall will get collected in the mine pit which will be

pumped from the mine sump for meeting the water requirement for dust suppression and green belt development. So, no diversion for this stream is required. Garland drains will be constructed around the periphery of the mining pit and connected to natural streams on the downstream side. It is therefore apparent that there is not likely to be any adverse impact of mining on the surface water regime

**Point (vi):** The source of emissions assumed from the mining operations will be from mine pit and its activities covering drilling, blasting, hauling, and loading/unloading. The emissions would be mainly Particulate Matter (PM). Prediction of impacts on air environment has been carried out by employing USEPA approved Fugitive Dust Model (FDM). FDM- Isopleth for pre-monsoon data 2010 and pre monsoon data 2014, with better resolution has been presented and incorporated in the EIA report. It can be observed that the resultant ambient air quality after considering the point source emission, fugitive/area source emission and line source emission are well below the limits as per NAAQS, 2009.

Based on the information furnished and discussions held, the Committee **recommended** the proposal for environmental clearance for mining of Limestone with production capacity of 0.25 million TPA (ROM) **subject to submission** of (i) Approved wild life conservation plan for Schedule-I species from the Chief Wildlife Warden of the State Government; and (ii) Official documents viz. para 15 of Note sheet dated 14.09.2012 of Collector Satna (as informed to PCB vide letter of the Collector vide letter no. 2929/PH/2014, dated 05/03/14, for records as PH proceeding was signed as SDM by the Chairman).

The Committee also **recommends** the additional specific conditions viz. (i) PP to undertake to carry out green belt development; (ii) All people loosing 100% of the land due to Project will be given employment; (iii) R&R Plan will be evaluated by the Expert Organization every six months and Report submitted to the Regional Office; (iv) The provisions of Madhya Pradesh Government in respect of land acquisition will be implemented for providing alternate land to land losers; (v) 50 Meters no development zone on either side of first order stream will be ensured; (vi) State Pollution Control Board to carry out Regional EIA and participating mining and industries have to contribute for meeting the expenditure of the Study, Terms of Reference of the Study may be submitted to the Regional Office of the MoEF&CC and finalized after discussion within six months; (vii) Transportation of the minerals by road passing through the village shall not be allowed. No Trucks movement should be allowed on existing village road network without appropriately increasing the carrying capacity of such roads; (viii) The Project Proponent shall ensure that the productivity of agricultural crops is not affected due to mining operations. Crop Liability Insurance Policy has to be taken by the Project Proponent as a precaution to compensate for any crop loss. The impact zone shall be 5km from the boundary of mine lease area for such insurance policy; (ix) Implementation of Action Plan on the issues raised during

the Public Hearing held on 18.10.2012. The Proponent shall complete all the tasks as per the Action Plan submitted with the budgetary provisions during the Public Hearing; and (x) CSR activities by Companies including the Mining Establishments has become mandatory up to 2% of their financial Turn-over, Socio Economic Development of the neighborhood Habitats could be planned and executed by the Project Proponent more systematically based on the '*Need based door to door survey*' by established Social Institutes/Workers. The report shall be submitted to the Ministry of Environment & Forests and its Regional Office located at Bhopal on six monthly basis.

**(2.2). Aniali Limestone mine with production capacity of 0.088 million TPA (ROM) by M/s Tata Chemicals Ltd., located at survey no. 207/p, Village-Aniali, Taluka-Ranavav, District-Porbander, Gujarat (16.21ha) (Consultant: Mantec Consultants Pvt. Ltd., New Delhi)-EC**

The proposal of M/s Tata Chemicals Ltd. is for limestone mining with production capacity of 0.088 million TPA of limestone (ROM). The MLA is located at survey no. 207/p, Village-Aniali, Taluka–Ranavav, District-Porbandar, Gujarat. The Latitudes and Longitudes of the MLA are latitude 21°42'17.62"N to 21°42'35.11"N and Longitude 69°49'19.06" E to 69°49'40.53"E respectively on toposheet no. 41G/14. It is a Category 'A' project as the Barda Wildlife Sanctuary falls at a distance of 3.92 Km in NW direction from MLA.

The proposal of TORs was considered by Expert Appraisal Committee (EAC) in its meeting held during January 16-18, 2013 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by the Ministry vide letter no. J-11015/308/2012-IA.II (M) dated 19.03.2013. The Proponent submitted the EIA/EMP Report to the Ministry for seeking Environmental Clearance after conducting Public Hearing.

The proposal of EC was earlier considered by the 18<sup>th</sup> Reconstituted Expert Appraisal Committee held during March 20-21, 2014 wherein the Committee noted that the EIA/EMP Report has not addressed all baseline and other environmental parameters adequately. There are several deficiencies viz. (i) mining plan and mining scheme has not been circulated to the Committee Members and that the Committee experienced difficulty to appraise the proposal of EC without mining plan; (ii) there are Schedule-I species against which Conservation Plan with funding provision has not been submitted; (iii) cumulative impact of other mines within 10 km radius has not been reflected; (iv) details of impact due to transportation of limestone has not been provided; (v) Proponent reported in the Questionnaire that the mine is 'New Mine', however, it is an old working mine; (vi) analysis/testing report of water, air, soil, noise etc. are not enclosed with the EIA/EMP Report; (vii) detailed Action Plan with budgetary allocation on issues raised during the Public Hearing has not been submitted; (viii) Geological profile has not been furnished and the high seismicity of the zone

has not been addressed; and (ix) details of occupational health status of the workers has not been furnished. The Committee during its discussion identified the above deficiencies and decided that the Project Proponent needs to revise the EIA/EMP Report accordingly. The Committee will reconsider the Proposal thereafter. The revised EIA/EMP Report must mention all the details with due compliance of Manuals, Standards, Office Memoranda and Guidelines issued by the Ministry from time to time. In this context, Project Proponent has submitted revised EIA/EMP Report and accordingly the proposal is reconsidered in this present Meeting.

The total mining lease area is 16.21 ha, which is Govt. waste land. No forest land is involved. The Scheme of Mining along with progressive mine closure plan has been approved by Indian Bureau of Mines, Udaipur, vide letter No. 682(23) MP 473/2008-MCCM(N)UDP; dated 01.04.2014. Proponent reported that 13.13ha area will be used for excavation, 0.86ha for Green belt development and 2.22ha for others (waste land). The mineable reserves are 0.444 million tonnes and Life of mine is 6 years. The original lease deed was executed on 31.10.1964 for a period of 20 years and thus, expired on 30.10.1984. The First renewal was executed on 21.07.1987 vide letter MCR-1583(T-4) GOI-184-CHH dated 09.09.1986 for 20 years and expired on 30.10.2004. **The Tata Chemicals Ltd (TCL) has applied for 2<sup>nd</sup> renewal vide letter No AW/G/2558/ 2003 dated 21.10.2003 for 20 years and the lease renewal is pending with the Govt. of Gujarat. The Committee observed that this is case of 2<sup>nd</sup> renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal.** This mine was worked during the years 1985-1994, when the maximum production during year 1987-88 was 55,065 metric tonnes.

Mining is by fully mechanized opencast method. The mining process involves drilling & blasting, loading and transportation of the excavated material. The proposed working will be by putting 100 mm dia DTH holes by Wagon Drill Machine & blasting by ANFO & Booster charge with Truck line delay detonator. Bench slope will be 10° from the vertical. The blasted material will be loaded by 1.2 m<sup>3</sup> excavator in tipper of 17 MT and transported to crushing plant for sizing, situated at Aniali mine lease. At the end of the life of mine, out of total mining lease area, 13.13 ha excavated area will be used as rainwater reservoir and 0.86 ha for Green belt development. Project Proponent reported that Ground water will not be intersected during scheme period. The total water requirement for the project will be 30 KLD which is sourced from the ground water. The Ground Water withdrawal permission has been obtained by the Central Ground Water Authority vide letter No. 21-4(860)/WCR/CGWA/2011-949 Dated 27-07-2011.

Project Proponent reported that there is no National Park, Habitat for Migratory Birds, Tiger Reserve located within 10 km radius of the mine lease. The

Barda Wildlife Sanctuary falls within the study area at a distance of 3.92 Km in NW direction. Naliyadhar Reserved Forests is located 0.11km from the MLA. Project Proponent has applied for Wild life Clearance as per MoEF Guidelines dated 15.03.2011 vide their letter no. A/WG/0118/2012 dated 09.02.2012. Location Map has been authenticated by Deputy Conservator of Forests, Porbandar. **Two Schedule-I species namely Indian Peafowl and Leopard are reported within buffer zone. The species specific Conservation Plan has been prepared. The Committee noted that the Conservation Plan has not been approved by the Chief Wildlife Warden.**

The baseline data was generated for the period during March 2013 to May 2013. All the parameters for water and air quality were within permissible limits. The Committee noted that the base line monitoring data were prior to the issuance of TORs. The Committee deliberated the issues and was of the opinion that as the base line data are well within the permissible limits as per standards prescribed by the CPCB, the base line data could be accepted.

The Public Hearing was held on 11.12.2013 at Panchayat Ground, Near Panchayat Kacheri, Village- Aniali, Taluka – Ranavav & District – Porbandar, Gujarat and was presided over by Mr. M.A. Gandhi, Collector & District Magistrate, Porbandar. The representatives of Gujarat State Pollution Control Board were also present. Major issues raised during Public Hearing were related to employment, plantation, Environmental Protection Measures, construction of alternate roads development programs etc. The issues raised during the Public Hearing were discussed during the meeting.

The total cost of the project is Rs. 39 Lakh. The Project Proponent has earmarked Rs. 1.5 Lakh towards Environmental Protection Measures and Rs. 4.35 Lakh per annum towards recurring expenses. Proponent informed that Rs. 25 Lakh have been earmarked towards CSR activities for next five years of mining operation. Proponent reported that there is no court case/litigation pending against the project.

Based on the information furnished and discussions held, the Committee **deferred** the proposal and was of the view that PP has to submit the following documents for further decision on the matter by the EAC **without calling the PP** (i) This is case of 2<sup>nd</sup> renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal; (ii) PP has to submit the approved wild life conservation plan for Schedule-I species from the Chief Wildlife Warden of the State Government; and (iii) Status of approval by the Standing Committee of NBWL and a copy of the application including all correspondence.

**(2.3). Aniali Limestone mine with production capacity of 0.043 million TPA (ROM) by M/s Tata Chemicals Ltd., located at survey no. 207/p, Village-Aniali, Taluka-Ranavav, District-Porbandar, Gujarat (21.04ha) (Consultant: Mantec Consultants Pvt. Ltd., New Delhi)-EC**

The proposal of M/s Tata Chemicals Ltd. is for limestone mining with production capacity of 0.043 million TPA of limestone (ROM). The MLA is located at survey no. 207/p, Village-Aniali, Taluka–Ranavav, District-Porbandar, Gujarat. The Latitudes and Longitudes of the MLA are latitude 21°42'37.00"N to 21°42'48.00"N and Longitude 69°50'23.00"E to 69°50'38.00"E respectively on toposheet no. 41G/14. It is a Category 'A' project as the Barda Wildlife Sanctuary falls at a distance of 4.21 Km in NW direction from MLA.

The proposal of TORs was considered by Reconstituted Expert Appraisal Committee (EAC) in its meeting held during January 16-18, 2013 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by the Ministry vide letter no. J-11015/309/2012-IA.II (M) dated 18.03.2013. The Proponent submitted the EIA/EMP Report to the Ministry for seeking Environmental Clearance after conducting Public Hearing.

The proposal of EC was earlier considered by the Reconstituted Expert Appraisal Committee in their 18<sup>th</sup> meeting held during March 20-21, 2014 wherein the Committee noted that the EIA/EMP Report has not addressed all baseline and other environmental parameters adequately. There are several deficiencies viz. (i) Mining Plan and Mining Scheme has not been circulated to the Committee Members and that the Committee experienced difficulty to appraise the proposal of EC without mining plan; (ii) there are Schedule-I species against which Conservation plan on Biodiversity with funding provision has not been submitted; (iii) cumulative impact of other mines within 10 km radius has not been reflected; (iv) details of impact due to transportation of limestone has not been provided; (v) Proponent reported in the Questionnaire that the mine is 'New Mine', however, it is an old working mine; (vi) analysis/testing report of water, air, soil, noise etc. are not enclosed with the EIA/EMP Report; (vii) detailed Action plan with budgetary allocation on issues raised during the Public Hearing has not been submitted; (viii) Geological profile, and the area falling under seismic zone have not been furnished; and (ix) details of occupational health status of the workers has not been furnished. The Committee during its discussion identified the above deficiencies and decided that the Project Proponent needs to revise and submit the EIA/EMP Report accordingly. The Committee will reconsider the Proposal thereafter. The revised EIA/EMP Report must mention all the details with due compliance of Manuals, Standards, Office Memoranda and Guidelines issued by the Ministry from time to time. In this context, Project Proponent has submitted revised EIA/EMP Report and accordingly the proposal is reconsidered in this present Meeting.

The total mining lease area is 21.04ha, which is Govt. waste land. No forest land is involved. The Scheme of Mining along with progressive mine closure plan has been approved by Indian Bureau of Mines, Udaipur, vide letter No. 682(23) (713)/2009-MCCM(N)UDP; dated 09.02.2012. Proponent reported that 10.00 ha area will be used for excavation & 7.48 ha for Green belt development. The mineable reserves are 0.418 million tonnes and Life of mine is 11 years. The original lease deed was executed on 23.12.1966 (Grant Order No. MCR-1565/13877/CHH dated 07.07.1966). The lease deed expired on 22.12.1986. TCL has applied for 1<sup>st</sup> renewal on 09.09.1985. 1<sup>st</sup> renewal was granted vide order No. MCR-1585 – (T-44)-4267-CHH, dated 28.12.2004. **The 1<sup>st</sup> renewal expired on 22.12.2006, thereafter, TCL applied for 2<sup>nd</sup> renewal vide letter No. A/WG/1408/2005, dated 17.11.2005 and the lease renewal is pending with the Govt. of Gujarat. The Committee observed that this is a case of 2<sup>nd</sup> renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal.** The mining operation was carried out during 1985-86 and 1987-88 when production of 13,322 and 712 tonne of Lime Stone respectively were achieved. Since 1988, the mine is not in operation.

Mining is by fully mechanized opencast method. The mining process involves drilling & blasting, loading and transportation of the excavated material. The proposed working will be by putting 100 mm dia DTH holes by Wagon Drill Machine & blasting by ANFO & Booster charge with Truck line delay detonator. Bench slope will be 10° from the vertical. The blasted material will be loaded by 1.2 m<sup>3</sup> excavator in tipper of 17 MT & transported to crushing plant for sizing, situated at Aniali mine lease. At the end of the life of mine, out of total mining lease area, 10.00 ha excavated area will be used as rainwater reservoir and 7.48 ha for Green belt development. Project Proponent reported that Ground water will not be intersected during scheme period. The total water requirement for the project will be 10 KLD which is sourced from the ground water. The Ground Water withdrawal permission has been obtained by the Central Ground Water Authority vide letter No. 21-4(858)/WCR/CGWA/2011-951 Dated 27-07-2011.

Project Proponent reported that there is no National Park, Habitat for Migratory Birds, Tiger Reserve located within 10 km radius of the mine lease. The Barda Wildlife Sanctuary falls within the study area at a distance of 4.21 Km in NW direction. Naliyadhar Reserved Forests is located 0.55km from the MLA. Project Proponent has applied for Wild life Clearance as per MoEF Guidelines dated 15.03.2011 vide their letter no. A/WG/0120/2012 dated 09.02.2012. Location Map has been authenticated by Deputy Conservator of Forests, Porbandar. **Two Schedule-I species namely Indian Peafowl and Leopard are reported within buffer zone. The species specific Conservation Plan has been prepared. The Committee noted that the Conservation Plan has not been approved by the Chief Wildlife Warden.**

The baseline data was generated for the period during March 2013 to May 2013. All the parameters for water and air quality were within permissible limits. The Committee noted that the base line monitoring data were prior to the issuance of TORs. The Committee deliberated the issues and was of the opinion that as the base line data are well within the permissible limits as per standards prescribed by the CPCB, the base line data could be accepted.

The Public Hearing was held on 06.12.2013 at Panchayat Ground, Near Panchayat Kacheri, Village- Aniali, Taluka – Ranavav & District – Porbandar, Gujarat. The Public Hearing was presided over by Mr. M.A. Gandhi, Collector & District Magistrate, Porbandar. The representatives of Gujarat State Pollution Control Board were also present. Major issues raised during Public Hearing were related to employment, plantation, Environmental Protection Measures, construction of alternate roads development programs etc. The issues raised during the Public Hearing were discussed during the meeting.

The total cost of the project is Rs. 39 Lakhs. The Project Proponent has earmarked Rs. 1.5 Lakh towards Environmental Protection Measures and Rs. 4.35 Lakh per annum towards recurring expenses. Proponent informed that Rs. 25 Lakh have been earmarked towards CSR activities for next five years of mining operation. Proponent reported that there is no court case/litigation pending against the project.

Based on the information furnished and discussions held, the Committee **deferred** the proposal and was of the view that PP has to submit the following documents for further decision on the matter by the EAC **without calling the PP** (i) This is case of 2<sup>nd</sup> renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal; (ii) PP has to submit the approved wild life conservation plan for Schedule I species from the Chief Wildlife Warden of the State Government; and (iii) Status of approval by the Standing Committee of NBWL and a copy of the application including all correspondence.

**(2.4).Ranavav Limestone mine with production capacity of 0.110360 million TPA (ROM) by M/s Tata Chemicals Ltd., located at survey no. 78/p, Village-Ranavav, Taluka-Ranavav, District-Porbander, Gujarat (25.45ha) (Consultant: Mantec Consultants Pvt. Ltd., New Delhi)-EC**

The proposal of M/s Tata Chemicals Ltd. is for limestone mining with production capacity of 0.110360 million TPA of limestone (ROM). The MLA is located at survey no. 78/p, Village-Ranavav, Taluka–Ranavav, District-Porbandar, Gujarat. The Latitudes and Longitudes of the MLA are latitude 21<sup>o</sup>41'28.90"N 21<sup>o</sup>41'48.17"N and Longitude 69<sup>o</sup> 45' 08.14"E to 69<sup>o</sup>45'47.29"E respectively on

toposheet no. 41G/10. It is a Category 'A' project as the Barda Wildlife Sanctuary falls at a distance of 1.95 Km in NW direction from MLA.

The proposal of TORs was considered by Reconstituted Expert Appraisal Committee (EAC) in its meeting held during January 16-18, 2013 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by the Ministry vide letter no. J- 11015/306/2012-IA.II (M) dated 26.03.2013. The Proponent submitted the EIA/EMP Report to the Ministry for seeking Environmental Clearance after conducting Public Hearing.

The proposal of EC was earlier considered by the 18<sup>th</sup> Reconstituted Expert Appraisal Committee held during March 20-21, 2014 wherein the Committee noted that the EIA/EMP Report has not addressed all baseline and other environmental parameters adequately. There are several deficiencies viz. (i) mining plan and mining scheme has not been circulated to the Committee Members and that the Committee experienced difficulty to appraise the proposal of EC without mining plan; (ii) there are Schedule-I species against which conservation plan with funding provision has not been submitted; (iii) cumulative impact of other mines within 10 km radius has not been reflected; (iv) details of impact due to transportation of limestone has not been provided; (v) Proponent reported in the Questionnaire that the mine is 'New Mine', however, it is an old working mine; (vi) analysis/testing report of water, air, soil, noise etc. are not enclosed with the EIA/EMP Report; (vii) detailed Action plan with budgetary allocation on issues raised during the Public Hearing has not been submitted; (viii) Geological profile, and the area falling under seismic zone have not been furnished; and (ix) details of occupational health status of the workers has not been furnished. The Committee during its discussion identified the above deficiencies and decided that the Project Proponent needs to revise the EIA/EMP Report accordingly. The Committee will reconsider the Proposal thereafter. The revised EIA/EMP Report must mention all the details with due compliance of Manuals, Standards, Office Memoranda and Guidelines issued by the Ministry from time to time. In this context, Project Proponent has submitted revised EIA/EMP Report and accordingly the proposal is reconsidered in this present Meeting.

The total mining lease area is 25.45ha, which is Govt. waste land. No forest land is involved. The Scheme of Mining along with progressive mine closure plan has been approved by Indian Bureau of Mines, Udaipur, vide letter No. 682(23)MP439/2008-MCCM(N)UDP; dated 26.05.2014. Proponent reported that 12.683 ha area will be used for excavation & 10.67 ha for Green belt development. The mineable reserves are 3.046 million tonnes and Life of mine is 27.7 years. The original lease deed was executed on 18.09.1974 (Grant Order No. MCR-1571(T-68)1494-CHH dated 21.03.1974) which has expired on 17.09.1994. TCL has applied for 1<sup>st</sup> renewal on 16.09.1993 for 10 years i.e. validity up to 17.09.2004. 1<sup>st</sup> renewal was not granted by State Government and under deemed renewal. **TCL applied for 2<sup>nd</sup> renewal vide letter No. A/WG/2387/2003, dated 15.09.2003 and the 2<sup>nd</sup> lease renewal is pending with the Govt. of**

**Gujarat. The Committee observed that this is case of 2<sup>nd</sup> renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal.** The mining operation was carried out during 1985-86 to 1995-96. Since 1995-96, the mine is not in operation.

Mining is by fully mechanized opencast method. The mining process involves drilling & blasting, loading and transportation of the excavated material. The proposed working will be by putting 100 mm dia DTH holes by Wagon Drill Machine & blasting by ANFO & Booster charge with Truck line delay detonator. Bench slope will be 10° from the vertical. The blasted material will be loaded by 1.2 m<sup>3</sup> excavator in tipper of 17 MT and transported to crushing plant for sizing, situated at Aniali mine lease. At the end of the life of mine, out of total mining lease area, 12.683 ha excavated area will be used as rainwater reservoir and 10.67 ha for Green belt development. It was reported by the PP that Ground water will not be intersected during scheme period. The total water requirement for the project will be 40 KLD which is sourced from the ground water. The Ground Water withdrawal permission has been obtained by the Central Ground Water Authority vide letter No. 21-4(991)/WCR/ CGWA/2012-4398 Dated 29-08-2012.

Project Proponent reported that there is no National Park, Habitat for Migratory Birds, Tiger Reserve located within 10 km radius of the mine lease. The Barda Wildlife Sanctuary falls within the study area at a distance of 1.95 Km in NW direction. Naliyadhar Reserved Forests is located 0.94km from the MLA. One Archaeological site i.e. Jambuvanti Cave is located 4.95km from the MLA. Project Proponent has applied for Wild life Clearance as per MoEF Guidelines dated 15.03.2011 vide their letter no. A/WG/0122/2012 dated 09.02.2012. Location Map has been authenticated by Deputy Conservator of Forests, Porbandar. **Two Schedule-I species namely Indian Peafowl and Leopard are reported within buffer zone. The species specific Conservation Plan has been prepared. The Committee noted that the Conservation Plan has not been approved by the Chief Wildlife Warden.**

The baseline data was generated for the period during March 2013 to May 2013. All the parameters for water and air quality were within permissible limits. The Committee noted that the base line monitoring data were prior to the issuance of TORs. The Committee deliberated the issues and was of the opinion that as the base line data are well within the permissible limits as per standards prescribed by the CPCB, the base line data could be accepted.

The Public Hearing was held on 04.12.2013 at Panchayat ground, Near Panchayat Kacheri, Village- Aniali, Taluka – Ranavav & District – Porbandar, Gujarat. The Public Hearing was presided by Mr. M.A. Gandhi, Collector & District

Magistrate, Porbandar. The representatives of Gujarat State Pollution Control Board were also present. Major issues raised during Public Hearing were related to employment, plantation, Environmental Protection Measures, construction of alternate roads development programs etc. The issues raised during the Public Hearing were discussed during the meeting.

The total cost of the project is Rs. 39 Lakh. The PP has earmarked Rs. 1.5 Lakh towards Environmental Protection Measures and Rs. 4.35 Lakh per annum towards recurring expenses. Proponent informed that Rs. 25 Lakh have been earmarked towards CSR activities for next five years of mining operation. Proponent reported that there is no court case/litigation pending against the project.

Based on the information furnished and discussions held, the Committee **deferred** the proposal and was of the view that PP has to submit the following documents for further decision on the matter by the EAC **without calling the PP** (i) This is case of 2<sup>nd</sup> renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal; (ii) PP has to submit the approved wild life conservation plan for Schedule I species from the Chief Wildlife Warden of the State Government; and (iii) Status of approval by the Standing Committee of NBWL and a copy of the application including all correspondence.

**(2.5).Aniali Limestone mine with production capacity of 0.014 million TPA (ROM) by M/s Tata Chemicals Ltd., located at survey no. 207/p, Village-Aniali, Taluka-Ranavav, District-Porbandar, Gujarat (12.27 ha) (Consultant: Mantec Consultants Pvt. Ltd., New Delhi)-EC**

The proposal of M/s Tata Chemicals Ltd. is for limestone mining with production capacity of 0.014 million TPA of limestone (ROM). The MLA is located at survey no. 207/p, Village-Aniali, Taluka–Ranavav, District-Porbandar, Gujarat. The Latitudes and Longitudes of the MLA are latitude 21<sup>o</sup>42' 37"N to 21<sup>o</sup>42'48"N and Longitude 69<sup>o</sup>50'23"E to 69<sup>o</sup>50'38"E respectively on toposheet no. 41 G/14. It is a Category 'A' project as the Barda Wildlife Sanctuary falls at a distance of 4.14 Km in NW direction from MLA.

The proposal of TORs was considered by Reconstituted Expert Appraisal Committee (EAC) in its meeting held during December 19-21, 2012 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by the Ministry vide letter no. J-11015/304/2012-IA.II (M) dated 05.03.2013. The Proponent submitted the EIA/EMP Report to the Ministry for seeking Environmental Clearance after conducting Public Hearing.

The proposal of EC was earlier considered by the 18<sup>th</sup> Reconstituted Expert Appraisal Committee held during March 20-21, 2014 wherein the Committee

noted that the EIA/EMP Report has not addressed all baseline and other environmental parameters adequately. There are several deficiencies viz. (i) mining plan and mining scheme has not been circulated to the Committee Members and that the Committee experienced difficulty to appraise the proposal of EC without mining plan; (ii) there are Schedule-I species against which conservation plan on Biodiversity with funding provision has not been submitted; (iii) cumulative impact of other mines within 10 km radius has not been reflected; (iv) details of impact due to transportation of limestone has not been provided; (v) Proponent reported in the Questionnaire that the mine is 'New Mine', however, it is an old working mine; (vi) analysis/testing report of water, air, soil, noise etc. are not enclosed with the EIA/EMP Report; (vii) detailed Action plan with budgetary allocation on issues raised during the Public Hearing has not been submitted; (viii) Geological profile, and the area falling under seismic zone have not been furnished; and (ix) details of occupational health status of the workers has not been furnished. The Committee during its discussion identified the above deficiencies and decided that the Project Proponent needs to revise the EIA/EMP Report accordingly. The Committee will reconsider the Proposal thereafter. The revised EIA/EMP Report must mention all the details with due compliance of Manuals, Standards, Office Memoranda and Guidelines issued by the Ministry from time to time. In this context, Project Proponent has submitted revised EIA/EMP Report and accordingly the proposal is reconsidered in this present Meeting.

The total mining lease area is 12.27ha, which is Govt. waste land. No forest land is involved. The Scheme of Mining along with progressive mine closure plan has been approved by Indian Bureau of Mines, Udaipur, vide letter No. 682(23) (373)/2005; dated 20.02.2013. Proponent reported that 1.51 ha area will be used for excavation & 8.1975 ha for Green belt development. The mineable reserves are 0.426 million tonnes and Life of mine is 24 years. The original lease deed was executed on 23.12.1966 (Grant Order No. MCR-1565/137876/CHH dated 07.07.1966) which has expired on 22.12.1986. First renewal was granted vide order No. MCR 1585 (T/43) 4266 CHH dated 22.11.2004 and first lease renewal was expired on 22.12.2006. **TCL applied for 2<sup>nd</sup> renewal vide letter No. A/WG/1409/2005, dated 17.11.2005 and the 2<sup>nd</sup> lease renewal is pending with the Govt. of Gujarat. The Committee observed that this is case of 2<sup>nd</sup> renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal.** The mining operation was carried out during 1986-87 to 1988-89. Since 1989, the mine is not in operation.

Mining is by fully mechanized opencast method. The mining process involves drilling & blasting, loading and transportation of the excavated material. The proposed working will be by putting 100 mm dia DTH holes by Wagon Drill Machine & blasting by ANFO and Booster charge with Truck line delay detonator. Bench slope will be 10° from the vertical. The blasted material will be loaded by

1.2 m3 excavator in tipper of 17 MT and transported to crushing plant for sizing, situated at Aniali mine lease. At the end of the life of mine, out of total mining lease area, 1.51 ha excavated area will be used as rainwater reservoir & 8.1975 ha for Green belt development. It was reported by the PP that Ground water will not be intersected during scheme period. The total water requirement for the project will be 10 KLD which is sourced from the ground water. The Ground Water withdrawal permission has been obtained by the Central Ground Water Authority vide letter No. 21-4(861)/WCR/CGWA/2011-947 Dated 27-07-2011.

Project Proponent reported that there is no National Park, Habitat for Migratory Birds, Tiger Reserve located within 10 km radius of the mine lease. The Barda Wildlife Sanctuary falls within the study area at a distance of 4.14 Km in NW direction. Naliyadhar Reserved Forests is located 0.01km from the MLA. Project Proponent has applied for Wild life Clearance as per MoEF Guidelines dated 15.03.2011 vide their letter no. A/WG/0119/2012 dated 09.02.2012. Location Map has been authenticated by Deputy Conservator of Forests, Porbandar. **Two Schedule-I species namely Indian Peafowl and Leopard are reported within buffer zone. The species specific Conservation Plan has been prepared. The Committee noted that the Conservation Plan has not been approved by the Chief Wildlife Warden.**

The baseline data was generated for the period during March 2013 to May 2013. All the parameters for water and air quality were within permissible limits. The Committee noted that the base line monitoring data were prior to the issuance of TORs. The Committee deliberated the issues and was of the opinion that as the base line data are well within the permissible limits as per standards prescribed by the CPCB, the base line data could be accepted.

The Public Hearing was held on 11.12.2013 at Panchayat ground, Near Panchayat Kacheri, Village- Aniali, Taluka – Ranavav & District – Porbandar, Gujarat. The Public Hearing was presided by Mr. M.A. Gandhi, Collector & District Magistrate, Porbandar. The representatives of Gujarat State Pollution Control Board were also present. Major issues raised during Public Hearing were related to employment, plantation, Environmental Protection Measures, construction of alternate roads development programs etc. The issues raised during the Public Hearing were discussed during the meeting.

The total cost of the project is Rs. 39 Lakh. The PP has earmarked Rs. 1.5 Lakh towards Environmental Protection Measures and Rs. 4.35 Lakh per annum towards recurring expenses. Proponent informed that Rs. 25 Lakh have been earmarked towards CSR activities for next five years of mining operation. Proponent reported that there is no court case/litigation pending against the project.

Based on the information furnished and discussions held, the Committee **deferred** the proposal and was of the view that PP has to submit the following documents for further decision on the matter by the EAC **without calling the PP**

(i) This is case of 2<sup>nd</sup> renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal; (ii) PP has to submit the approved wild life conservation plan for Schedule I species from the Chief Wildlife Warden of the State Government; (iii) Status of approval by the Standing Committee of NBWL and a copy of the application including all correspondence; and (iv) Clarification as to how proposed production figures in mining plan and in Public Hearing are different, PP to submit the correct proposed production figure.

**(2.6).Mahadevia and Gandhvi Bauxite Mine with production capacity of 0.46 Million TPA of Bauxite by M/s Smt. Nirmala Ben S. Mehta, located at Village(s) Virpur, Mewasa, Kennedy & Mota Asota, Tehsil Kalyanpur, District Jamnagar, Gujarat. (168.3124ha)-Reconsideration of EC**

The proposal of M/s Smt. Nirmala Ben S. Mehta is for renewal of mining lease for production of 0.5 million TPA of bauxite in the mine lease area of 168.3124ha. The mine is located at Village(s) Virpur, Mewasa, Kennedy & Mota Asota, Tehsil Kalyanpur, District Jamnagar, Gujarat. The proposal of TORs was considered by Expert Appraisal Committee (EAC) in its meeting held during May 14-16, 2007. The TORs were issued by the Ministry vide letter no. J-11015/200/2007-IA.II (M) dated 18.06.2007. The base line data has been collected during March-May2007. The Public Hearing was conducted on 4<sup>th</sup> July, 2008. The Proponent submitted the EIA/EMP Report to the Ministry for seeking Environmental Clearance and accordingly the proposal of EC was earlier considered in EAC meetings held during November 19-21, 2008, July 16-17, 2009 and February 21-23, 2012. The Project Proponent has submitted information on 14<sup>th</sup> August, 2014 and accordingly the proposal is considered in this meeting. The details of proceedings of earlier EAC are as below: -

**EAC Meeting held during November 19-21, 2008:**

The proposal is for renewal of mining lease for production of 0.5 million TPA of bauxite. It was, however, observed that the approved mine plan is for 0.46 million TPA. Accordingly, the Committee considered the proposal for 0.46 million TPA. **It is a violation case.** The mine is reported to be closed presently since March, 2008. TOR for this Project was given on 18.6.2007. The Committee also noted that the mine lease area is outside CRZ. The mine lease area is 168.3124 ha spread into two blocks namely; Mahadevia Block (103.4824 ha) and Gandhvi Block (64.83 ha). No National Park/ Sanctuary/Biosphere Reserve/Wildlife Corridor is reported within 10 km of the mine lease. It was, however, observed that the location of Marine National Park has not been shown in the land use details. Working will be opencast mechanized involving drilling and blasting. The ultimate working depth is reported to be 3.0 m in Gandhvi Block and 5.0 m in Mahadevia Block. The groundwater table is at 12 m bgl (18 mRL). Working will

not intersect groundwater table. Life of the mine is 18 years. It is reported that there is no OB over the deposit except soil in patches and about 4.15 lakh m<sup>3</sup> of mineral rejects will be generated up to the end of the mine. The mineral rejects will be utilized in backfilling. About 9.22 ha of area will be backfilled. An area of 41.73 ha would cover under plantation. Based on the presentation made and discussions held, the Committee sought information on the following:-

- (i) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife corridors, Tiger/Elephant reserves (existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated. A location map duly authenticated by Chief Wildlife Warden should be provided in this regard. Necessary clearance, if any, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above should be obtained from the State Wildlife Department/ Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
- (ii) Impact on local transport infrastructure due to the project. Projected increase in truck traffic as a result of the project in the present road network (including those outside the project area) and whether it is capable of handling the increased load. Arrangement for improving the infrastructure, if contemplated including action to be taken by other agencies such as State Government, if any, should be covered.
- (iii) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry should also be filled and submitted.

It was decided that the proposal be brought back before the Committee for its further consideration after the requisite information as mentioned above has been received.

#### **EAC Meeting held during July 16-17, 2009:**

The proposal was earlier considered by the Expert Appraisal Committee during its meeting held on November 19-21, 2008 wherein the Committee had sought additional information/clarifications on various related issues. Based on the additional information/clarifications submitted by the proponent, the proposal was considered further. The Committee observed that the information on all the three issues as sought in the last meeting have not been furnished satisfactorily and completely. The certificate required from Chief Wildlife Warden has not been provided. The impact on local transportation has also not been provided. The Questionnaire duly signed by the proponent has also not been submitted. The Committee therefore, desired that the requisite information on all the three points should be submitted by the proponent afresh and thereafter, the proposal may be brought back before the Committee for its further consideration. In the meantime, the Committee recommended for closure of the file.

#### **EAC Meeting held during February 21-23, 2012:**

The proposal was earlier considered by the Expert Appraisal Committee during its meeting held on July 16-17, 2009 wherein the Committee had sought

additional information/clarifications on various related issues. Based on the additional information/clarifications submitted by the proponent, the proposal was considered further. It has been reported that the marine national park is at a distance of 6.3 km from the mine lease and the marine sanctuary is at a distance of 9.0 km. In view of the location of the sanctuary / national park within 10 km of the mine lease, the Committee desired information on the following: -

- (i) The view / recommendations of the State Govt. (Chief Wildlife Warden) on the project due to its location within 10 km of the mine lease.
- (ii) Clearance from the Standing Committee of the National Board for Wildlife.
- (iii) Steps proposed for control of tailings and waste including heavy metals and residue from flowing into the marine sanctuary.
- (iv) Steps proposed to arrest the material from run of mine should be supplemented and detailed.

It was decided that the proposal may be brought back before the Committee for its further consideration after the requisite information as mentioned above has been submitted. Till then the file may be closed.

#### **Present Meeting:**

Based on the information submitted by PP vide letter dated 14.08.2014, the proposal is considered in this present meeting. The Project Proponent has informed that they have applied for NBWL clearance to State Forest Department on 05.09.2013. Further, they received a letter from Chief Conservator of Forests, Gandhinagar and accordingly the Project Proponent has submitted the application on 12.10.2013 to CCF Office, Jamnagar. The matter was considered by the State Board of Wildlife, Gandhinagar. The Committee noted that the MoEF&CC has recently notified Eco Sensitive Zone Notification on 22 August, 2013 wherein 1km has been kept Eco Sensitive Zone. The mine lease area is located more than 6km away from the ESA. Accordingly, the NBWL clearance is not required.

**The Committee noted that the Project Proponent has not provided the information sought by EAC in earlier meetings w.r.t. details of steps proposed for control of tailings and waste including heavy metals and residue from flowing into the marine sanctuary and steps proposed to arrest the material from run of mine. The appraisal has delayed due to deficient information being submitted every time by the PP.**

The Committee noted that the Ministry has recently issued an Office Memorandum No. J-11013/41/2006-IA-II(I)(part), dated 22.08.2014 with regard to validity of baseline data and Public Hearing and the para 2(v) of OM states that :-

*....."Instances have also come to the notice of this Ministry wherein, though the EIA/EMP Report is submitted by the proponent within the validity period of TORs, the case remains pending for want of additional information from the proponent, State Government, etc., as sought by the EAC/Ministry.*

*This Ministry has already decided vide OM No. J-11013/5/2009-IA-II(Part) dated 30.10.2012 that such cases will be delisted in case such information is not received within six months. In some cases the proponents have been requesting for re-listing of their projects after the requisite information has been submitted after considerable lapse of time. For such cases, it has been decided that they could be considered provided the date of Public Hearing is not more than 3 years old and the data used in preparation of EIA/EMP Report is not more than 3 years old. In case these conditions are not met, the proponent will have to start the process de novo after obtaining fresh TORs."*

In the instant proposal, the baseline data was generated during March-May 2007 and Public Hearing was conducted on 4<sup>th</sup> July, 2008 which is 3 years old. Based on the presentation and discussion during the meeting, the Committee **recommended that the proposal may be reviewed by the Ministry in light of above OM dated 22.08.2014** and necessary feedback may be provided to the EAC for appraising the project after receipt of additional information from PP. The Committee has also recommended that Ministry may take actions on **violations** as per OM dated 12.12.2012 & 27.06.2013 as recorded in the Minutes of EAC held during November 19-21, 2008.

**(2.7).Masonry Stone Mining of M/s Mahadev Stone Crusher, located at Village-Charla, Tehsil – Sujangarah, District – Churu, Rajasthan (1.0ha)**

The proposal of M/s Mahadev Stone Crusher is for Masonary Stone Mining with production capacity of 1,13,767 Tonnes Per Annum in the mine lease area of 1.0ha. The mine is located at village-Charla, Tehsil – Sujangarah, District – Churu, Rajasthan. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as

well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.8).Masonry Stone Mining Project (ML No- 16/2013) of M/s Baba Ramdev Stone, located at Village – Dhigaiya, Tehsil – Sujangarah, District – Churu, Rajasthan (1.0ha)**

The proposal of M/s Baba Ramdev Stone is for Masonry Stone with proposed production capacity of Masonry Stone of 32,812.5 TPA in the mine lease area of 1.0ha. The mine is located near Village- Dhigariya, Tehsil- Sujangarh, Dist- Churu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on

provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category ‘B’ projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal:-

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.9).Masonry Stone Mining Project (M.L. No. 29/2013) of M/s Shri Surendra Dhaka S/o Shri Puran Singh Dhaka, located at Village – Balera, Tehsil – Sujangarh, District – Churu, Rajasthan (1.0ha)**

The proposal of M/s Shri Surendra Dhaka S/o Shri Puran Singh Dhaka is for Masonry Stone (ML area 1.0 ha) proposed with production capacity of Masonry

Stone 54,210 TPA, M.L. No. (29/2013) in the mine lease area of 1.0ha. The mine is located at Village: Balera, Tehsil; Sujangarh, District: Churu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.10).Masonry Stone Mining Project (M.L. No. 11/2013) of M/s Shri Narpat Sing Godara S/o Shri Jagdish Prasad, located at Village– Dhigariya Ghantiyal, Tehsil – Sujangarh, District – Churu, Rajasthan (1.0ha)**

The proposal of M/s Shri Narpat Sing Godara S/o Shri Jagdish Prasad is for Masonry Stone proposed with production capacity of Masonry Stone 32,430 TPA, ML No. (11/2013) in the mine lease area of 1.0ha. The mine is located at Village: Dhigariya Ghantiyal, Tehsil; Sujangarh, District Churu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;

- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.11). Masonary Stone Mining (M.L. No. 1/2014) of M/s Sh. Bhanwar Singh S/o Shri Surjaram, located at Village – Charla, Tehsil – Sujangarah, District – Churu, Rajasthan (1.0ha)**

The proposal of M/s Sh. Bhanwar Singh S/o Shri Surjaram is for Masonry Stone Mining with proposed production capacity of 1,60,000 TPA, in the mine lease area of 1ha. The mine lease is located at Village: Charla, Tehsil: Sujangarah, District Churu (Rajasthan). This is a Category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.12). Masonary Stone Mining (M.L. No. 57/2013)of M/s Baba Ramdev Stone Crusher, located at Village – Charwas, Tehsil – Sujangarh, District -Churu, Rajasthan (2.0ha)**

The proposal of M/s Baba Ramdev Stone Crusher is for Masonry Stone Mining with proposed production capacity of 2,25,258 TPA, located near Village: Charwas, Tehsil; Sujangarh, District: Churu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as

Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.13). Masonary Stone Mining (M.L. No- 42/2013) of M/s Shri Vidhyadhar Beniwal S/o Shri Gangaram Jat, located at Village–Dungras Athuna, Tehsil – Sujangarah, District – Churu, Rajasthan (2.0ha)**

The proposal of M/s Shri Vidhyadhar Beniwal S/o Shri Gangaram Jat is for Masonry Stone Mining with proposed production capacity of 9,07,466 TPA (ROM), located near Village: - Dungras Athuna, Tehsil: Sujangarah, District Churu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification,

2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category ‘B’ projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.14). Masonary Stone Mining (M.L. No. 10/2013) of M/s Baba Stone Manpura, located at Village – Manpura, Tehsil – Sujangarah, District – Churu, Rajasthan (1.0ha)**

The proposal of M/s Baba Stone Manpura is for Masonry Stone Mining with proposed production capacity of 32,246.75 TPA(ROM), located near Village: Manpura, Tehsil: Sujangarah, District: Churu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;

- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.15). Bajri Mining by M/s Shri Shivkumar S/o Ramchandra, located at Village – Kod, Tehsil – Degana, District – Nagaur, Rajasthan (1.8270ha)**

The Proposal of M/s Shiv Kumar S/o Shri Ram Chandra is for Bajri Mining Project of Production Capacity 49,036 MT (ROM) in the mining lease area of 1.8270 ha. The mine is located at village Kod, Tehsil Degana, District Nagaur (Rajasthan). The mining lease area falls in Survey of India Topo sheet No. 45 J/06. This is a category 'B' project as the tenure of SEIAA Rajasthan has been expired and the proposal is being examined in the MoEF&CC.

Total mine lease area is of 1.8270 ha which private waste land is. Out of which, 1.4391 ha will be excavated (0.4391 ha area will be backfilled and 0.9718 ha area will be converted in water reservoir) and 0.3879 ha covered under green belt / plantation. The method of mining is opencast. No drilling and blasting will be required. Excavation will be carried out up to depth of 3 Meters from surface of sand deposit. Total water requirement will be 5 KLD and will be sourced from nearby villages. Total cost of the Project is Rs. 10 Lacs/- . Recurring cost for environmental protection measures is Rs. 1.5 Lac per annum. No litigation is pending against the mining project.

Letter of Intent (LOI) for grant of mining lease for Bajri over an area of 1.8270 ha has been issued by the Assistant Mining Engineer, Department of Mines & Geology, Gotan, Rajasthan vide letter no. AME/Gotan/M.L. 11/2014/52, dated 21.05.2014. Mining Plan with Progressive Closure Plan has been approved by Superintending Mining Engineer, Ajmer Circle, Ajmer vide letter No. SME/Aj/Mining Plan/F-N-334/2014/4331 dated 12.06.2014.

Project Proponent reported that there is no National Park, Wildlife Sanctuary, Biosphere Reserve, Wildlife corridors, Tiger/Elephant Reserves, within 10 km radius of the proposed mining project site. PP informed that mine lease area does not fall under Aravali Notification and there isn't any other sanctioned mine or environment clearance within 500 Meter Radius of this mining lease area, a Certificate was issued by Mining Engineer, Gotan, Rajasthan vide letter number ML11/2014/50 dated 18/09/2014.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category ‘B’ projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment.

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents:-

- (i) Year wise production details of minerals since 14.09.2006 duly authenticated by the Mining Department of the State Govt. for further consideration of the proposal; and
- (ii) This is River sand mining proposal and Senior Geologist Naguar vide letter dated 19.05.2014 has confirmed as fluvial deposits i.e. River sand or bajri and clays deposited due to retreating flood water or meandering of River course with depth of 2-3 meters thickness. The MoEF OM dated 24.12.2013 has provided that “No River sand mining project with mine lease area less than 5ha may be considered for granting EC”. PP may need to submit clarifications including Court cases details in respect of River sand mining projects for consideration for EC.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.16).Cheja Pathar (Masonry Stone) Mining (M.L. No. 79/06) of M/s Shri Meghraj Sharma S/o Shri Shiv Kumar Sharma, located at Village – Kanali ki Dhani, Tehsil – Khetri, District – Jhunjhunu, Rajasthan (1.0ha)**

The proposal of M/s Shri Meghraj Sharma S/o Shri Shiv Kumar Sharma is for expansion in production capacity of Cheja Pathar (Masonry Stone) to 2,10,000 TPA (ROM) in the mine lease area 1ha. The mine is located at Village: Kanali ki Dhani, Tehsil- Khetri, District- Jhunjhunu (Rajasthan). This is a category

'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.17).Vitthaldev Marble Mining of M/s Supreme Marble and Granite Limited [ML No. - 198/ 88 (Old) 06/98 (Renewal)] at Village – Vitthaldev, Tehsil & District – Banswara, Rajasthan (0.630 ha) (Consultant - Enkay Enviro Services Pvt. Ltd., Jaipur)**

The proposal is of M/s Supreme Marble and Granite Limited for Vitthaldev Marble Mine with production capacity of 21,500 TPA in the mine lease area of 0.630ha. The mine is located at Araji No. – 1, Village - Vitthaldev, Tehsil & District – Banswara, Rajasthan. The geographical co-ordinates of the site are Latitude: 23°29'35.86" to 23°29'39.57" N and Longitude: 74°20' 36.84" to 74°20' 41.98" E and is covered by Survey of India Toposheet No. 46 I/7. This is a category 'B' project as the tenure of SEIAA Rajasthan has been expired and the proposal are being examined in the MoEF&CC.

The Mining lease area of 0.63ha, which is Forest land. The Mining Scheme has been approved by Superintendent Mining Engineer, Department of Mines and Geology, Udaipur Circle, Udaipur vide letter no. SME/ UD-Cir/ Mining Plan/ Scheme/ BNS/ F-21/ 09/ 3912-16 dated 16.12.2010. Mining will be carried out through open-cast semi - mechanized method. Blasting will be carried out only as and when required. It was reported by the Project Proponent that total waste of about 1,51,200 MT would be generated during the first five year. The generated waste will be dumped outside the lease area, which will be stabilized by plantation. The total water requirement for the project will be 6.0 KLD, which will be met through tanker supply from nearby villages or mine pit. Life of mine is 13 years.

It was reported by the PP that Forest Clearance has been obtained vide letter no. F. No. 8-65/ 1997-FC dated 21.02.2014. The mining lease was originally sanctioned in favour of Anand Kumar Agarwal in 1979 for a period of 10 years. First renewal was approved for a period of 10 years w.e.f. 09.04.1989 to 08.04.1999. This lease was transferred in favour of Supreme Marble & Granite Limited by order no 89/ 2333 dated 02.03.1996. Application for second renewal for the period of 20 years w.e.f. 09.04.1999 to 08.04.2019 was submitted on dated 07.04.1998, renewal is awaited. **The Committee observed that this is case of 2<sup>nd</sup> renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal.**

It was reported by the Project Proponent that there is no court case/ litigation pending against the project. The estimated cost of the project is Rs. 1.0 Crore and cost for Environmental Protection Measures are Rs. 1.0 lac as capital cost and Rs. 0.50 lac as recurring cost.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category ‘B’ projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment.

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents:-

- (i) Year wise production details of minerals since 14.09.2006 duly authenticated by the Mining Department of the State Govt. for further consideration of the proposal;
- (ii) The Committee observed that this is case of 2nd renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal; and
- (iii) Forests clearance has been accorded for mining of dolomite and marble whereas proposal for EC has been submitted only for marble mine. PP to clarify whether EC for dolomite mine has been obtained or not, if the details of EC. Further, FC clearance is the same for this mine as submitted in other proposal of 0.60ha, but the diverted area as mentioned in FC is 29.5548ha. This needs clarification from PP.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.18).Cheja Pathar Mining (M.L. No. 382/2005) of M/s. Bhagwati Grit and Sand Pvt. Ltd., located at Village – Jalpala ki Dhani Tan Gadrata, Tehsil – Khetri, District – Jhunjhunun, Rajasthan (1.0ha)**

The proposal of M/s. Bhagwati Grit and Sand Pvt. Ltd. is for Masonary mining with proposed production capacity of 2,10,000 TPA (ROM) in the mine lease 1ha. The mine is located at village Jalpala Ki Dhani Tan Gadrata, Tehsil Khetri, District: Jhunjhunun. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;

- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.19).Cheja Pathar Mining of M/s. Bhagwati Grit and Sand Pvt. Ltd., located at M.L. No. – 384/05, Village – Jalpala ki Dhani Tan Gadrata, Tehsil – Khetri, District – Jhunjhunu, Rajasthan (1.0ha)**

The proposal of M/s. Bhagwati Grit and Sand Pvt. Ltd. is for Masonry Stone with proposed production capacity of 1,80,000 TPA (ROM) in the mine lease area 1ha. The mine is located at village Jalpala Ki Dhani Tan Gadrata, Tehsil Khetri, District: Jhunjhunu. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.20).Marble Mining of M/s Supreme Marble and Granite Ltd., located at Old M. L. No. – 199/88 Ren. M. L. No. – 07/98, Village – Vitthaldev, Tehsil & District – Banswara, Rajasthan (0.60ha) (Consultant - Enkay Enviro Services Pvt. Ltd., Jaipur) – EC.**

The proposal of M/s Supreme Marble and Granite Ltd. is for Vitthaldev Marble Mine with production capacity of 20,000 TPA (ROM) in the mine lease area 0.60ha. The mine is located at Araji No. – 6, Village - Vitthaldev, Tehsil & District – Banswara, Rajasthan. The geographical co-ordinates of the site are Latitude: 23°29'44.86" to 23°29'57.18" N and Longitude: 74°20'51.51" to 74°20' 55.99" E and is covered by Survey of India Toposheet No. 46 I/7. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Mining lease area of 0.60ha which is a Forest land. The Mining Scheme has been approved by Superintendent Mining Engineer, Department of Mines and Geology, Udaipur Circle, Udaipur vide letter no. SME/ UD-Cir/ Mining Plan/ Scheme/ BNS/ F-20/ 09/ 3907-11 dated 16.12.2010. Mining will be carried out

through semi - mechanized open-cast method. Blasting will be carried out only as and when required. It was reported by the Project Proponent that total waste of about 1,19,560 MT would be generated during the first five year. The generated waste will be dumped outside the lease area, which will be stabilized by plantation. The total water requirement for the project will be 6.0 KLD, which will be met through tanker supply from nearby villages or mine pit. Life of mine is 14years.

It was reported by the PP that Forest Clearance has been obtained vide letter no. F. No. 8-65/ 1997-FC dated 21.02.2014. The mining lease was originally sanctioned in favour of Anand Kumar Agarwal in 1979 for a period of 10 years. First renewal was approved for a period of 10 years w.e.f. 09.04.1989 to 08.04.1999. This lease was transferred in favour of Supreme Marble & Granite Limited dated 06.02.1996. Application for second renewal for the period of 20 years w.e.f. 09.04.1999 to 08.04.2019 was submitted on dated 07.04.1998, renewal is awaited. **The Committee observed that this is case of 2<sup>nd</sup> renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal.**

It was reported by the Project Proponent that there is no court case/ litigation pending against the project. The estimated cost of the project is Rs. 1.0 crore and cost for Environmental Protection Measures are Rs. 1.0 lac as capital cost and Rs. 0.50 lac as recurring cost.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category ‘B’ projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment.

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents:-

- (i) Year wise production details of minerals since 14.09.2006 duly authenticated by the Mining Department of the State Govt. for further consideration of the proposal;
- (ii) The Committee observed that this is case of 2nd renewal where deemed provisions are not applicable, therefore PP does not have a valid mining lease, as also mentioned in its order by the Hon'ble Supreme Court. Therefore, the PP has to submit express order from the State Government or documents of valid mine lease for further appraisal; and
- (iii) Forests clearance has been accorded for mining of dolomite and marble whereas proposal for EC has been submitted only for marble mine. PP to clarify whether EC for dolomite mine has been obtained or not, if the details of EC. Further, FC clearance is the same for this mine as submitted in other proposal of 0.63ha, but the diverted area as mentioned in FC is 29.5548ha. This needs clarification from PP.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.21).Cheja Pathar Mining (M. L. No. 174/06) of M/s Smt. Ratni Devi W/o Shri Gopi Sinolia, located at Village – Tal ki Dhani, Tehsil – Khetri, District – Jhunjhunu, Rajasthan (1.0ha)**

The proposal of M/s Smt. Ratni Devi W/o Shri Gopi Sinolia is for Masonry Stone with proposed production capacity of 1,49,760 TPA (ROM) in the mine lease area 1ha. The mine is located at Village: Tal ki Dhani, Revenue village: Rasulpur, Tehsil: Khetri, District: Jhunjhunu. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the

nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal:-

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.22).Cheja Pathar (Masonry Stone) Mining (ML No- 181/03) of M/s Shri Kamlesh Kumar Kumawat S/o Shri Madanlal Kumawat, located at Village - Khatiwas, Tehsil – Dantaramgarh, District – Sikar, Rajasthan (1.0ha)**

The proposal of M/s Shri Kamlesh Kumar Kumawat S/o Shri Madanlal Kumawat is for Masonry Stone Mine with proposed production capacity of 80,000 TPA (ROM) in the mine lease area 1ha. The mine is located at Village: Khatiwas, Tehsil: Dantaramgarh, District: Sikar (Rajasthan). This is a category ‘B’ project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category ‘B’ projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.23).Cheja Pathar (Masonry Stone) Mining (ML No- 347/2004) of M/s Shri Raghuveer Singh S/o Shri Chhatrasal Singh Rajpoot, located at Village – Tonda, Tehsil – Khetri, District – Jhunjhunu, Rajasthan (1.0ha)**

The proposal of M/s Shri Raghuveer Singh S/o Shri Chhatrasal Singh Rajpoot is for Masonry Stone with proposed production capacity of Cheja Patthar 2,22,221.5 TPA (ROM) in the mine lease area 1ha. The mine is located at Village-Tonda, Tehsil- Khetri, Dist- Jhunjhunu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal:-

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;

- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

### **Consideration of Environmental Clearance Proposals**

**(2.24). Mining of Sand Stone & Bajari in Khasra number 2074 & 2228 of M/s Mahesh Stone Crusher, located at Mauza & Mohal-andora Nichala, Tehsil-Amb, District Una, Himachal Pradesh (7.0213 ha)(74000 metric tonnes) (Consultant: Shivalik Solid Waste Management Ltd.)-Environmental clearance.**

The proposal is for river bed Sand, Stone and Bajri mining with proposed production of 74,000 metric TPA by M/s Mahesh Stone Crusher at Khasra No. 2074 & 2228, located at Mauza & Mohal Andora Nichala, Tehsil-Amb, District-Una, Himachal Pradesh. The Latitude and Longitude of the proposed site is 30°39'10"N to 31°39'10.6"N and 76°05'31.8"E and 76° 05'38.5"E respectively.

The proposal was considered by the expert Appraisal Committee in its 16<sup>th</sup> Meeting held on 21-23 June, 2011 to determine the Terms of Reference for undertaking detailed EIA study. The TOR was issued by MOEF vide letter No. J-11015/80/2011-IA.II (M) dated 29<sup>th</sup> July 2011 for mining of 74,000 TPA of Sand Stone and Bajri from River bed of Soan River.

The proposal was considered in the EAC meeting held during July 8-9, 2014 wherein it was observed that the Proponent received TOR from the MoEF vide letter no. J-11015/80/2011-IA.II (M) dated 29.07.2011, which was valid up to 28.07.2013. However, the EIA/EMP report was received in the Ministry on 13.03.2014. The Project Proponent vide letter no. nil dated 08.07.2014 requested during the meeting, to extend the validity of the TORs. The request for extension of the validity of TOR was considered as per MoEF O.M. no. J-11013/41/2006.IA.II(I) dated 22.03.2010 for additional one year i.e. from 29.07.2013 to 28.07.2014. The extension letter was issued on 10.09.2014.

The mining lease area is 7.0213 ha which is riverbed. The mining plan is approved by Geology wing of Industry department, Himachal Pradesh vide letter

No Udyog – Bhu (Khani- 4) Laghu – 261/08-3362 dated 05.07.2010. The mining would be manual using hand tools for collection of sand stone and bajri from the river bed. About 11,000 metric tonnes of silt and clay will be produced per year which will be used for back filling the pits. The mine working will not intersect ground water. It was reported by the PP that there is no protected area viz. wild life Sanctuaries/ Tiger Reserve/ National Park/ Schedule I species etc. within 10 km of the mine.

Baseline studies were carried out during post monsoon season in 2011 (Oct 2011-Dec 2011). All the parameters of water and air quality were within permissible limits. The public hearing for the project was conducted near mining lease area at Mauza & Mohal Andora Nichala, Tehsil-Amb, District-Una on 30.05.2013. The Public Hearing was presided over by ADC, Una. The issues raised during the public hearing were also considered and discussed during the meeting, which inter-alia, included that mining activities will be carried out as per stipulated guidelines, sprinkling of water will be done, etc. It is informed by the Project Proponent that they would give preference to the local people for employment, invest funds for social development in the area, etc. These have been incorporated in the Project Plan with budgetary provisions.

The estimated cost of the project is Rs. 9.97 lakhs. The cost of Environmental protection measures is Rs 5.60 lakhs. Project Proponent has made provision of free building material for school, religious building etc in consultation with Village Panchayat under CSR. It is reported by Project Proponent that there is no court case / litigation against the project and no violation.

During the deliberations, the Committee observed various deficiencies in the documents information provided in questionnaires was wrongly filled and had various discrepancies like (i) Date of public hearing is different in documents, (ii) baseline data in presentation is different than the EIA report (iii) production figures do not match in the documents. The Committee after examining substantive environmental issues **recommended** the Proposal for granting EC subject to the PP first rectifying the deficiency as above.

**(2.25) Ongole Magnetite Deposits (ML area 529.04 ha) and iron ore beneficiation of 5.0 MTPA with a through put of 1.35 MTPA of concentrate of M/s A.P. Mineral Development Corp. Ltd at village Konijedu and Marlapadu, Mandal Ongole in District Prakasam in Andhra Pradesh (Consultants Bhagavathi Ana Labs Ltd, Hyderabad)-reconsideration of EC.**

The proposal is for mining of 5.0 TPA of Magnetite Ore Mining and Ore beneficiation of 5.0 MTPA through put to obtain 1.35 MTPA of concentrate of M/s A.P. Mineral Development Corp. Ltd at village Konijedu and Marlapadu, Mandal Ongole in District Prakasam in Andhra Pradesh. The Latitudes and Longitudes of

the site are N 15° 26' 06.453" to N 15° 27' 36.549" and E 79° 57' 46.643" to E 80° 00' 02.375".

The Terms of the Reference for the Project was issued by Ministry of Environment & Forests, (MoEF) vide Letter No J-11015/257/09-IA.II (M) dated 6<sup>th</sup> November 2009. The mine lease area is 529.04 ha which is Government waste land. There is no forest land in the lease area. The mining plan for the project is approved by IBM vide letter No. MP/AP/PKSM/Magnetite – 194-SZ dated 03.03.2009. It is reported by the Project Proponent that mine is proposed for a maximum annual production of 5.0 MTPA. The mined out material will be beneficiated to obtain 1.35 MTPA of Beneficiated Concentrate. It is proposed to work this deposit by opencast mechanised mining method using drilling and blasting using blast hole drills, hydraulic excavators and heavy duty rear tipping trucks as major mining equipment. The area forms part of the coastal plains at an elevation of 15.2 m above MSL and rises to the heights upto 135 m MSL. A statutory barrier of 7.5 m is considered inside and around the lease area applied for as per MMR. The top soil encountered, if any, will be stacked separately and utilized for afforestation purposes.

Life of the mine is around 18-20 years. The water requirement is estimated as 222 m<sup>3</sup>/hr (Make up water requirement, which will be sourced from Gundlakamma Reservoir. Total Geological Reserves are 71.18 million tonnes and Mineable Reserves: 63.32 million tones. Conceptual mine development will be carried out in 137.65 ha.

A total of 10.56million m<sup>3</sup> + 6.81 million tons of tail cakes waste will be handled during life of mine. The waste generated during first five years will be dumped initially and subsequently it will be used for backfilling of mined out pits after 5 years. The mining activities will not intersect ground water table.

It was reported by the PP that there is no wildlife sanctuary/tiger reserve/national park, etc within the 10 km radius area around the mine lease. As per the survey carried out there are no Schedule – I species in the study area. Baseline studies were carried out during summer 2010 and during winter season 2013–14 (Dec 2013– Feb 2014). All the parameters for air, water, and noise quality were within prescribed standards. The Public Hearing for the proposed mine was scheduled on 04.02.2011 but the villagers did not attended the meeting and boycotted the public hearing. The public hearing was re-scheduled on 17.12.2011, the villagers opposed the public hearing. Only the views of Sri Sunanda Reddy were recorded who raised the issues related to demand for increase of green belt area, CSR funds, minimize the damage to ground water. A court case was filed by villagers in Hon'ble High Court of Andhra Pradesh vide WP no. 5959 of 2012, the case was disposed off vide order dated 06.03.2012 with advise to approach NGT, Chennai Bench.

The cost of the project is Rs. 515 Crores. Capital budget for environmental protection measures is Rs. 61 lakhs and recurring cost is Rs. 31 lakhs. CSR cost: (Capital Rs: 25.00 lakh + Recurring Rs. 15.00 lakh)

The proposal was considered for environmental clearance in the EAC meeting held during December 19-21, 2012 wherein Committee sought additional information on following:

1. All the coordinates of the Project area would be reconciled forthwith and the correct ones furnished to MoEF for their record.
2. Efforts would be made to further reduce water consumption in the production process and a detailed quantified note on such conservation measure submitted to MoEF within the next three months.
3. Possible contamination of groundwater by the stored tailing in the two ponds would be kept under constant surveillance and remedial measures initiated if so called for.
4. Possible health impacts such as silicosis due to dust would also be guarded against and periodic Reports on occupational health submitted as required.

On receipt of information the proposal was placed in the meeting held during June 26<sup>th</sup>-28<sup>th</sup>, 2013. During the discussion, it was observed that co-ordinates mentioned in mine plan and EIA report were not yet rectified. With respect to the query raised in the previous meeting, it was informed by the project proponent that water reduction for activities was not possible. The proposal was deliberated and the Committee was not convinced on the information provided by the PP and thus was of the view that the project proponent need to address the issues in a pragmatic manner and thus information may be re-submitted:

- (i) All the coordinates of the Project area would be reconciled forthwith and the correct ones furnished to MoEF for their record.
- (ii) In order to reduce the water consumption in the production process, a detailed quantified note on such conservation measure should be submitted.
- (iii) The remedial measures suggested for contamination of groundwater by the stored tailing should be comprehensive and details like material used for impermeable membrane, etc. should be incorporated in the plan.
- (iv) Budget allocation for the occupational health measures shall be mentioned.

On submission of information the proposal was re-considered in the present meeting. The PP submitted that:

(i) Coordinates of the Project Area are reconciled and certified by Department of Mines & Geology, Government of Andhra Pradesh vide Lr no 37662/R3-1/2013 dated 25.09.2013.

(ii) To reduce the water consumption in the production process following measures will be adopted:

(a) The Filter Press Machine will be used to process the thickener underflow to recover maximum extent of the water from the tailings.

(b) The Filter Press machines recovers approximately 80 to 83% of water from Thickener under flow and the tailing comes out in form of cakes; thus eliminating generation of any slurry tailings.

(c) This also eliminates requirement of huge tailing pond and the dams to create this pond.

(d) Measurement & Monitoring of Water addition and recovery will be carried out by Automatic Control System (PLC).

(e) The previous make up water requirement was 608 m<sup>3</sup>/ hour. The revised make up water requirement with addition of filter press technology will be 222 m<sup>3</sup>/ hour. The water saving due to filter press technology will be 386 m<sup>3</sup>/ hour.

(iii) Possible contamination of groundwater by the stored tailing in the two ponds would be kept under constant surveillance and remedial measures will be initiated if so called for.

(iv) A detailed plan for prevention of silicosis due to dust was submitted by the PP and it was informed that a Committee will be constituted for Maintaining OH&S in the Organization.

Based on the information submitted by the Proponent and discussion held in the meeting, the Committee sought following information:

(i) Status of Court case pending in NGT Chennai filed by the villagers as per direction of Hon'ble High Court AP.

The Committee decided that the Proposal be **deferred** till the aforesaid information is submitted and proposal will be re-considered thereafter without calling the PP.

**(2.26) Ispat Dolomite Quarry, Baraduar Mining of M/s SAIL, village Chhittapandaria, Tehsil Jaijaipur, District Janjgir –Champa, Chhattisgarh (523.35ha) (2.0 MTPA)**

The proposed project site is demarcated on Topo Sheet No. 64 J/16 & 64 K/13 and lies between Longitudes East 82° 50'13.61"- 82° 52'27.05" Latitudes North 21° 57' 32.53" - 21°58'33.64" near village Chhittapandaria-Baraduar in Jaijaipur Tehsil, Janjgir-Champa district, Chhattisgarh-State. Total lease area is 523.35 ha comprising of Reserve Forest 432.69 ha, and private land 12.14 ha.

The proposal was considered for TOR by the EAC(M) in its meeting held during 25-27 May, 2011. The Terms of Reference was issued by MoEF for carrying out the Environmental Impact Assessment study vide letter No. J-11015/85/2010-IA.II (M) dated 27.06.2011.

The proposal was considered in the EAC meeting held during April 29-30, 2014 wherein it was observed that the Proponent received TOR from the MoEF vide letter no. J-11015/85/2011-IA.II (M) dated 27.06.2011, which was valid up to 26.06.2013. However, the EIA/EMP report was received in the Ministry on 29.01.2014. The Project Proponent vide letter no. MHQ/ED(Mines)/2014/126 dated 29.04.2014 requested to extend the validity of the TORs. The request for extension of the validity of TOR was considered as per MoEF O.M. no. J-11013/41/2006.IA.II(I) dated 22.03.2010 for additional one year i.e. from 27.06.2013 to 26.06.2014. The extension letter was issued on 10.09.2014.

The lease was granted to SAIL from 26.12.1970 to 25.12.1990, but mining operation stopped since June, 1983. Government of Chhattisgarh Considered for 1st renewal of Ispat Dolomite Quarry on 24th Sept, 2010 over an area of 523.35 ha and suggested for the statutory clearances like EC and FC before re-opening of the mine activity.

The present Proposal is for Re-opening of Ispat Dolomite Quarry, Baraduar mining lease over an area of 523.35 ha. The scale of proposed operation of the mine i.e. excavation 2 MTPA of dolomite (ROM), Beneficiation and Processing 2 MTPA, Finished Products of 1.8 MTPA, Loading and Despatch 1.8 MTPA into Railway Wagons. The mine is opencast and mining operation will be carried by mechanised method, involving drilling and blasting of 6 m benches with the combination of 2.5–3.0 cubic meter excavators and 25–30T dumpers. The ROM 0.-800mm will be sent to pre crusher stock pile. The 0-800mm material will be fed to the primary crusher through an apron feeder. After being crushed to - 200mm it is fed to a secondary crusher via a belt feeder for getting final output of – 60 mm. The crushed material (-60mm) will be sent to a single deck screen to separate 0-60mm fraction. The oversize will be re-sent to the secondary crusher. This sized material will be transported to the stockpile. The finished product will be dispatched to BSP/SAIL Unit through Railway Wagons initially from Baraduar

Rail Siding and after construction of Railway line from Baraduar Railway station to Mines site the materials will be dispatched directly from mines site only. Mining Plan along with progressive Mine Closure Plan is approved by IBM vide letter no. 314(3)/2011-MCCM(CZ/MP-12) dated 21.09.2011.

The base line data was collected during summer season (March to May, 2011) covering 10 km radius around the mines site in accordance with the procedure prescribed under the EIA Notification, 2006. All the baseline data is within the norms prescribed by CPCB. The mines will employ dry process for the processing and beneficiation of Dolomite; therefore there will be no generation of industrial effluent. The water consumed in the processing plant activities is lost due to evaporation, whereas wastewater generated by washing and sanitation purpose will be treated and reused for greenbelt development and water sprinkling within the premises. The annual water requirement for the proposed mines complex is 850 KLD. Industrial water requirement shall be met from water stored in old mined out pit and drinking water requirement shall be met from existing bore wells. Public Hearing was conducted on 31.07.2013. The major issues raised during public hearing were employment to local people, alternate grazing land for cattle and road for villagers. The issues were discussed in the meeting it was informed by the PP that private land of 12.14 ha is located on southern boundary of mine lease. This private land will not be used for mining and 500 m of buffer zone will be left as Safety Zone. Budget of Rs. 260 lakhs have been allocated for five years.

It was reported by the PP that there are no National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves existing/proposed within 10 km of the mine lease. Schedule – I species viz. Monitor Lizard and Python are reported in the study area.

The estimated capital cost for proposed Project is 368.97 crores. The budget for implementing the Environmental Management Plan is 475 lakhs. It was informed by the PP that no litigation is pending against the project.

After detailed deliberation and discussions the Committee desired that the Proponent shall furnish the following information for further consideration:

- (i) The Species specific Conservation Plan for Schedule – I species viz. Monitor Lizard and Python duly approved by the CWLW;
- (ii) Plan for raising of nursery of indigenous plants and taking up large scale Plantation through the involvement of the Community in the study area.
- (iii) Status of the Stage-I Forest Clearance; and
- (iv) Alternate grazing land to the villagers to the extent grazing land will be utilized by the Project.

The Committee decided that the Proposal be **deferred** till the aforesaid information is submitted and the Proposal will be re-considered thereafter.

**2.27 Limestone Mine of M/s Penna Cement Industries Ltd., Talaricheruvu village TadipatriMandal, District-Anantpur, A.P. (106.86 ha)(1,50,000TPA) (Consultant: B.S. Envi-Tech, Hyderabad)**

The proposal is for opening a new mine in the Mine Lease Area of 106.86 ha located at Talaricheruvu Village, Tadipatri Mandal, Anantapur District, A.P. As per EIA/EMP report, the mine area falls under the Survey of India Topo sheet No. 57 I/4 & 57 J/1 and is located between 14°58'55.55" to 15°0'7.62" N Latitudes and 78°03'24.90" to 78°05'9.11" E Longitudes. The Altitude of the mine ranges from 300 – 340 m above MSL.

The proposal was considered for TOR by the Expert Appraisal Committee in its meeting held during 23-25<sup>th</sup> February, 2011. The TORs were issued by MoEF vide letter No. J-11015/ 391 /2010-IA.II (M) dated 28.03.2011. Request for extension of TOR was considered in EAC meeting held during 16-18<sup>th</sup> April 2013. TOR extension letter was issued on 22<sup>nd</sup> May, 2013.

The Proponent submitted their Application to the Ministry on 18.04.2013 for seeking environmental clearance after conducting Public Hearing. The mine covers an area of 106.86 ha (94.55 ha. area is Govt. waste land, 12.31 ha area is Patta land owned by the Company). Mining will be carried out by opencast mechanized method with the help of drilling, blasting, loading and transporting equipment. The entire limestone is out cropping without any waste cover of soil or rock. Limestone mined is used for consumption in Cement Plant for the manufacture of Clinker. The mine is situated at a distance of 3.5 km from the Cement Plant.

There is no solid waste or top soil generation from the mine. The total water requirement of the mine is 65m<sup>3</sup>/day and this requirement will be met from supply system of the Cement Plant initially and later from the mine pit proposed to store rain water. No ground water will be drawn. The water table in the area as per observations from nearby villages and other available information is at a depth of about 40m from surface during summer and about 35 m during rainy season. As far as the ground water is concerned, the formations are not permeable. The permanent ground water table is struck at more than 40 meters depth. Since average depth of mining is not more than 15 meters, it is not likely to go below the ground water table. The mining will not intersect the ground water table. The deepest level to be reached will be 294 m RL and the ground water level around this place shall be 278 m RL i.e. a depth difference of about 16m.

It has been reported that there are no National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves existing/proposed within 10 km of the mine lease. There were no Schedule – I species recorded in the study area.

Baseline studies were carried out during Winter season 2011-12 covering the months of December 2011-February 2012. The Public Hearing for the Project was conducted on 26.3.2013. The issues raised during public hearing were also considered and discussed during the meeting, which inter-alia, included, air pollution control measures need to be adopted, raising of plantation, sprinkling of water etc. As per the villager's requirements, it was informed by the PP that they would give preference to locals in employment; health issues, providing education, and assistance in vocational training etc.

The estimated capital cost of the project is 10 cores. The capital cost for Environmental protection measures would be Rs 1.0 cores with annual recurring cost of Rs 10.5 lakhs. It was reported by the PP that there is no court case/litigation pending against the project and no violation.

The Proposal was placed in the EAC meeting held during June 26<sup>th</sup>-28<sup>th</sup>, 2013. It was observed by the Committee that co-ordinates of mine lease as mentioned in the mine plan and EIA report were not consistent and in addition, following information was sought:

- (i) List of village(s) likely to be affected by mining activities and measures to control the impact.
- (ii) Addendum for land use and other discrepancies in EIA report as pointed out.
- (iii) Detailed baseline data of biodiversity of the study area.
- (iv) Emphasis for preventive measures for occupational health of the workers and surrounding habitation
- (v) Since during the Public Hearing, Project was not supported, a detailed Action Plan with budgetary provisions and time frame for implementation shall be submitted.

On submission of the information, the Proposal was placed in the EAC meeting held during March 20-21, 2014 the Proponent informed that in order to protect the villagers from the impact of mining, the following control measure will be adopted:

- i. Wet drilling by inbuilt water injection system;
- ii. Regular water sprinkling on blasted heaps and haul roads;
- iii. Regular grading of haul roads;
- iv. Maintenances of vehicles and machinery;
- v. Plantation along approach roads, and on safety barrier zones;

- vi. Afforestation on Barrier zone;
- vii. Enclosed operator cabins for major HEMM equipment;
- viii. Bag Filter for crusher; and
- ix. Closed belt conveyor for transport of crushed limestone to plant.

It was submitted by the PP that discrepancy in the EIA/EMP report had resulted due to typographical mistake which were rectified. No schedule-I species were reported in the study area.

Based on the presentation made and discussion held in the EAC meeting held during March 20-21, 2014 the Committee decided to defer the proposal for want of following information: (i) Letter from SPCB regarding the rank of Officer who chaired the public hearing; (ii) Submission of correct co-ordinates of the mine lease area; and (iii) Detailed Action Plan with budgetary provisions and time frame for implementation of issues raised during public hearing.

The Project Proponent submitted following:

- (a) Letter from APPCB that rank of Officer chairing the PH was that of Additional District Magistrate.
- (b) The correct co-ordinates i.e. Latitude:  $14^{\circ}58'55.55''$  to  $15^{\circ}00'7.62''$  and Longitude:  $78^{\circ}03'24.90''$  to  $78^{\circ}05'9.11''$  was submitted by PP.
- (c) A detailed action plan with budgetary provisions and time frame was submitted.

Based on the information submitted by the Proponent and discussion held in the meeting, the Committee **recommended** the Proposal for grant of environmental clearance with following additional specific conditions: (i) A skill development and vocational training centre shall be initiated by PP within three months from the date of issue of EC for students with stipend, and (ii) Not less than 300 acre of land at suitable location shall be allocated as grazing land for cattle as already committed by the Project.

**2.28 Enhancement of production of Saruabil Chromite Mines from 0.136 million TPA to 0.35 million TPA of M/s Misrilall Mines Pvt. Ltd. located in village Saruabil in Tehsil Sukinda, District Jajpur of Odisha State (246.858 ha)**

The proposal is for enhancement of production of Chromite Ore in Saruabil Chromite Mines from 0.136 million TPA to 0.35 million TPA along with beneficiation plant as well as 3<sup>rd</sup> renewal of Mining Lease of M/s Misrilall Mines Pvt. Ltd. The mine is spread over in villages Saruabil, Kamarda and Talangi in Sukinda Tehsil under Jajpur district of Odisha. The Area falls in survey of India Toposheet No. 73G/16 and bounded by Latitudes  $21^{\circ} 01'$  to  $21^{\circ} 05'$  N and Longitudes  $85^{\circ}45'$  to  $85^{\circ}50'$  E.

The proposal was earlier considered by the Expert Appraisal Committee in its meeting held during April 28-30, 2010 to determine Terms of Reference (TORs) for undertaking detailed EIA study. The TORs were issued by the MoEF vide letter no. J-11015/72/2010-IA.II (M) dated 31<sup>st</sup> May 2010. The Proponent submitted its application to the Ministry for seeking environmental clearance after conducting Public Hearing. The project proponent made a presentation with regard to compliance of TORs for mining of Chromite Ore.

The mining lease area is 246.858 ha which includes 224.633 ha of forest land and 22.225 ha non-forest land. Forest clearance for 224.633 ha has been obtained vide MoEF letter no. 8-100/95-FC dated 16.01.2007. Mine Plan has been approved by IBM vide letter No. 314(3)/2009-MCCM (CZ)/MS-50 dated 31/05/2010. The life of the mines is 9 years. Project Proponent informed that the said Mine had earlier obtained Environmental Clearance for production capacity of 0.136 million TPA from MoEF vide letter no. J-11015/7/2007-IA.II (M) dated 15<sup>th</sup> February, 2009.

The mining is by open cast mechanized method on double shift basis during the proposed plan period. The existing 20 TPH Beneficiation Plant is proposed to be expanded to 30 TPH. The process being wet, no dust will be generated during the processing of ore. However, dust generation is anticipated during dumping and truck movement, which will be suppressed by sprinkling of water at regular interval using a water tanker on haul-road. The permission for ground water drawl of 350 KLD, has been obtained from Central Ground Water Authority, Govt. of India, Ministry of Water Resources, New Delhi, vide letter no. 21-4 (73)SER/CGWA/2008-1300 dated 24.10.2008. The PP informed that the mine will intersect the ground water and the Hydro Geological study has been carried out. From the field investigation and well inventory studies carried out, it has been revealed that the depth of water table over the larger parts of the valley area lies between 3 to 6 m.

PP reported that there is no Wild Life Sanctuary, National Park, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves Schedule - I species within 10 kms of the mine lease area. However, the Committee was of the view that as MLA has major forest area and therefore, the information provided by PP needs to be re-assessed. Fresh primary data of flora and fauna of study area to be carried out by subject area specialist and submitted.

Baseline data was generated for the Post Monsoon season (September-November, 2011). All the parameters for water & air quality were seen to be within permissible limits. Public Hearing was (PH) was conducted on 29.01.2013 under the Chairmanship of Sri Chakrayudha Hota, Additional District Magistrate, Kalingnagar, Jajpur and the representative of Regional Officer, State Pollution Control Board, Odisha were present. The issues raised during the Public Hearing

were discussed during the meeting which inter-alia, included Treatment of mine drainage water, groundwater depletion and provision of Rain Water Harvesting, Over Burden (OB) dump management, Deforestation, Peripheral development i.e. education, health, drinking water supply & employment etc. As per the villagers requirement, PP informed that all issues have been taken care of and will be continued to be taken care of during expansion.

The cost of project is Rs. 900.00 Lakhs only for expansion project and budget for EMP is Rs. 201.47 Lakhs. The developmental activities under CSR activities in the surrounding villages for the year 2008-09 to 2012-13 were worth Rs.184.230 Lakhs. There is no Court Case/litigation pending against the project.

The proposal was considered by EAC in its meeting held during August 21<sup>st</sup>-23<sup>rd</sup>, 2013. The Committee sought the following additional actions/information:

- (i) Fresh primary data of flora and fauna of study area to be carried out and certified by the State Government.
- (ii) An additional monitoring station for ambient air quality may be set in the East direction of the mine lease area and confirmed in writing; and
- (iii) Action plan on the issues raised during Public Hearing with budgetary provisions be prepared in a tabular Form and submitted;

On submission of information the proposal was considered in the present EAC meeting it was noted that the list of flora and fauna of study area were not certified by the State Government. After deliberations, the Committee desired that the Proponent shall furnish the following information/clarification for further consideration by the Committee: -

- (i) Data of flora and fauna of study area should be certified by the Subject Specialist.
- (ii) The mine lease has entered third renewal and presently there is no valid mine lease. The documents of valid mine lease shall be submitted.
- (iii) The morbidity test in respect to Cr<sup>6</sup> shall be done and report submitted as agreed by the PP.

The Committee decided that the Proposal be **deferred** till the aforesaid information is submitted and proposal will be re-considered thereafter without calling the PP.

**2.29 Expansion of Graphite Production from 72,000 TPA to 2,40,000 TPA of M/s Pradhan Industries Ltd. over Mine Lease Area of 73.427 ha & Expansion of Graphite Beneficiation Plant from 72,000 TPA to 2,40,000 TPA(throughput) at village Bandhamandi, Post Godibali, Tehsil Kashipur, District Rayagada, Odisha**

The proposal is for opencast semi-mechanised graphite ore mining from 72,000 TPA to 2,40,000 TPA ROM graphite ore and beneficiation of graphite ore from 72,000 TPA to 2,40,000 TPA (throughput) by M/s. Pradhan Industries located at village Bandhamandi, Post - Godibali, Tehsil - Kashipur, District - Rayagada, Odisha. The Latitudes and Longitudes of the site are 19° 22' 07" N to 19° 22' 37" N and 83° 15' 04"E to 83° 15' 37" E. respectively.

The proposal was considered by the Expert Appraisal Committee in its meeting held during 23<sup>th</sup> -25<sup>th</sup> February 2011 to determine the Terms of Reference (TORs) for undertaking detailed EIA study. The TOR were issued by the MoEF vide letter no.No.J-11015/27/2011-IA.II(M), dated 28<sup>th</sup> March, 2011. The Public Hearing was conducted on 21<sup>st</sup> March 2012 and the Proponent submitted the EIA/EMP report incorporating the Public Hearing proceeding to the Ministry on 21<sup>st</sup> February, 2013 for seeking environmental clearance.

The PP made a presentation with regards to compliance of TOR for mining of graphite ore from 72,000 TPA to 2,40,000 TPA and beneficiation plant 72000 TPA to 2,40,000 TPA (throughput). The Mine lease area is 73.427ha out of which 24.868 ha is agricultural fields, 1.675 ha basti yogya, 0.178 ha grazing land, 2.303 ha road, 6.189 ha nala, 1.420 ha village site 2.019 ha orchards, 31.427 ha waste land and 3.278 ha forest land. The Mining Plan has been approved by IBM vide letter No MP/OTFM/05-ORI/BHU/2012-13, dated 30.04.2012.

The methodology adopted for mine working will be open cast semi mechanized for excavation of graphite ore with the help of machines like small excavator, tipper & other auxiliary equipment like pick-axe, crow bar, chisel, hammer etc. Loosening of the hard rock mass will be effected through jack hammer, drilled holes. The life of the mine is 14 years. The excavated graphite ore will be beneficiated in their captive Beneficiation Plant. The technology for beneficiation plant would be wet process, grinding-washing-froth floatation-filtration, drying & packing.

The Beneficiation Plant is within the lease area. It was reported by the PP that the solid waste i.e. overburden and tailings will be generated from the mines & Beneficiation Plant respectively. A total of 3,72,089 m<sup>3</sup> of waste will be dumped by extending the existing dump over an additional

area of 19,880 m<sup>2</sup> at 7m height in lower terrace and 10m height in upper terrace. The slopes of the dumps will be maintained by dozing and levelling at suitable intervals to maintain overall slope of dump less than 37.5 degrees. Garland drain and toe wall will be provided around the dump to arrest any surface run offs. The PP has also committed that once the dump matures, it will be stabilized by afforestation completely.

The PP reported that as regards tailing management, the sand obtained after washing of graphite ore and separation of graphite will be pumped out along with water and dropped into the tailing pond. Water accumulated around the sand will be filtered into the settling tanks through the check dams/tailing dam which has already been constructed outside the ultimate pit limit over an area of 3.038 ha with height of 6m. Tailing generated during the expansion phase will be 1,25,800 m<sup>3</sup>/annum. This will be disposed off in quarry no. 1, where the total volume available for beneficiation tailings is 22,82,063 m<sup>3</sup>. The tailing disposed off in the quarry will get compacted over years and will be provided with vegetative cover.

It was reported by the PP that the water requirement of the Project is 734 KLD, out of which, the requirement for mines is 378 KLD and makeup water requirement for beneficiation plant is 356 KLD. The source of water is ground & surface water and the permission for the same has also been obtained from CGWA for ground water (659 KLD) and for drawl of surface water from Dalkana Nala (75 KLD) from Revenue and Excise Department, Govt. of Odisha

The maximum working depth of the Bandhamandi opencast Graphite mine is 48m from surface i.e. 390 mRL. In the lease area the depth to water table lies about 9 m below surface level during pre-monsoon season and at 7m during post-monsoon period. So opencast mining will intersect groundwater table. In this context, the Hydro-geological study has been carried out and the study reveals that the stage of ground water development of Kashipur Block is 24.54%, which is within the 'safe' category and there is existence of ample scope for the future development of ground water. The PP has taken the ground water permission from CGWA.

As reported there is no Wild Life Sanctuary, National Park, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves within the 10 km of the mine lease area and the same has been duly authenticated by DFO & Wildlife Warden, Rayagada. However, since some of the Schedule I Wildlife species were spotted in the buffer zone, Site Specific Wildlife Management Plan with cost of implementation has been prepared by the PP, which has also been approved by the PCCF Wildlife/Chief Wildlife Warden, Odisha.

Baseline data was generated for the winter season (from December 2009 to February 2010). The Public Hearing for the proposed Project was conducted at Bandhamandi village on 21-03-2012 and was chaired by Sri Maheswar Agasti, OAS-1 (SB), Project Administrator. I.T.D.A, District Rayagada. The Proponent informed that the Chairman of the Public Hearing is of the level of ADM as per the EIA Notification 2006. The issues raised during the Public Hearing were also considered and discussed during the meeting, which inter-alia included that no process water shall be discharged outside the mine premises, adequate air pollution control measures to be adopted, raising of plantation, water sprinkling arrangements etc. As per the villager's requirement it was informed by the PP that they would take care of drinking water provisions by installation of tube wells along-with its maintenance for first two years, appointment of teacher, appointment of pharmacist, company vehicle made available for any emergency usage, road development and assistance to poor for house construction. It was also committed by the PP that, in case of acquisition of any anabadi yogya cultivated land in future, necessary compensation shall be paid to the local people as would be decided by the District Administration. These have been incorporated in the Project with budgetary provisions.

The cost of the Integrated Project is Rs.7.18 Crores (Rs. 2.68 Crores for Mine & Rs.4.5 Crores for Beneficiation Plant). The capital environmental cost towards EMP is Rs. 15.00 lakhs and annual recurring cost will be Rs. 3.1 lakhs per annum. The total investment in CSR and peripheral development activities in the initial 5 years will be Rs. 35.92 lakhs. It was reported by the PP that there is no court case pending against the Project. While appraising the Project, the Committee had observed that this is a **violation** case as mine continued to operate from 1992 to 2011 and increased the production without obtaining prior environmental clearance.

The proposal was placed in EAC meeting held during June 26<sup>th</sup>-28<sup>th</sup>, 2013 wherein Committee sought following information:

- (i) Details of measures to be taken by the PP for the villagers staying in the mine lease area as per the issues raised during the Public Hearing and commitment on affidavit with financial allocation of budget; and
- (ii) Details of occupational health and safety measures for workers;

On submission of information and completion of procedure on violation, the proposal was placed in the EAC meeting held during EAC August 26-27, 2014. The prosecution report has been filed in the Court of Judicial Magistrate, Kashipur, Odisha vide Case No. II (C) CC No. 03/2014

to take cognizance of offence by the said court under section 15 of Environment (Protection) Act, which has been committed by the offending Project. The Board Resolution dated 07.08.2013 stating that such violations of Environment (protection) Act, 1986 will not be repeated in the future has been submitted. The Mine closure notice by State Pollution Control Board vide no. 167 dated 28.01.2010 is also submitted. However, the reply to Directions issued under section 5 by the Ministry is yet to be submitted by the PP stating that mining operations have been closed as duly certified by Deputy Director Mines of the Region.

PP submitted the action plan with budgetary provisions on the notarized affidavit allocating the funds of Rs. 20 lakh for the villagers staying in the mine lease area and a detailed report on the occupational health and safety measures for workers. The Committee **deferred** the proposal for grant of environmental clearance and directed the PP to submit (i) the compliance to direction issued under section 5 of EPA, 1986 and (ii) report on occupational health status of the workers working in the mine since last 15 years as per DGMS guidelines.

On submission of information project was considered in the present meeting. The PP submitted the compliance to direction issued under section 5 of EPA, 1986 informing vide letter No.: PI/BMD/EC/143 /2014, Dtd. 30-01-2014, that the mining & plant operation had already been closed since 27<sup>th</sup> September 2011 (i.e., the mining operation closed on 01.09.2010 & auxiliary activities on 27.09.2011). The PP informed that the temporary discontinuance of mining operations of Bandhamandi Graphite Mine w.e.f. 01.09.2010 had been intimated to Orissa State Pollution Control Board vide our letter No.: PI/BMD/SPCB/847/2010-11, Dtd. 18.11.2010 in response to SPCB letter No.: 167, Dtd. 28.01.2010. A report on Occupational health was also submitted.

Based on the information submitted by the Proponent and discussion held in the meeting, the Committee **recommended** the Proposal for grant of environmental clearance.

**2.30 Mining of Sand Stone and Bajri by M/s. Golden Karamjot Stone Crusher located at village & P.O Riyali, Tehsil - Fatehpur, Distt.- Kangra Himachal Pradesh (21-07-84ha)(80000 MTPA) (Consultant: M/s IDMA Laboratories Ltd).**

The proposed mining site is located near the Beas River on its old terrace falling in Mauza Reyali, Tehsil Fatehpur, and District Kangra of Himachal Pradesh. The Latitude and Longitude of the site is: Latitude: 31<sup>0</sup> 59' 21.4" N to 31<sup>0</sup> 59' 35" N; Longitude: 75<sup>0</sup> 49' 00.1" E to 75<sup>0</sup> 49' 3.5"E. The proposal was considered by the Expert Appraisal Committee in its

Meeting held during 25<sup>th</sup>-27<sup>th</sup> April, 2011 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by MoEF vide letter no. J-11015/19/2011-IA.II (M) Dated 20<sup>th</sup> May, 2011.

The mine lease area is 21.0784 ha which is private owned land. Mine lease approval is dated 16-3-2010 vide Letter no. Udyog-Bhu (Khani-4) Laghu-344/09 and mining plan is approved by State Mining Department, Himachal on 30.03.2013 vide letter no. Udyog –Bhu (Khani-4) Laghu - 289/08 -11751.

It is reported by the PP that mining will be open cast manual. The Project is confined to extraction of sand, stone & bajri from the terrace of river Beas. Sand mining will be carried out up to a depth of 4 m below ground level, by using hand tools like shovel, pan, and sieve etc. No drilling, blasting and mining machinery shall be deployed. It is reported by the PP that Total Geological Reserves are about 15,52,500 Metric Tonnes and Movable Reserves 12,32,500 Metric Tonnes. The life of mine is 16 Years.

The material is sorted manually at mining site and sand is separated from stone and bajri. Stone and bajri shall be transported to the crusher for crushing and Sand will be sold in the open market. Mining will be carried out only during day time and will be completely stopped during the Monsoon season. Silt & clay generated during the mining process will be treated as waste. This will be used as a spread on areas along the peripheral safety zone and waste dumps indicated in mining plan, for plantation purpose. It was reported by the PP, that solid waste generation will be 60,000 tonnes during mining plan period, 46,000 tonnes silt and 14,000 tonnes clay. It was reported by the PP that the water requirement for the mining activity such as water sprinkling on the haulage roads and green belt development will be met from local water bodies by tankers and drinking water will be provided by bore well present at the crusher site. Total water required is an average of 2.7 KLD and 3.4 KLD during peak demand of water.

It was reported by the PP that there are no national Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger /Elephant Reserves (existing as well as proposed) within 10 km of mine lease area. However, study area has Schedule- I species.

Baseline studies were carried out during non monsoon season (March-May) 2011. All the parameters for water and air quality were within permissible limits. The Public Hearing for the Proposed Project was conducted at Village Riyali on 15.05.2013. The PH was chaired by Mr. R.K. Sharma, Additional Deputy Collector (ADC), Kangra. The Proponent

informed that the Chairman of the Public Hearing is of the level of ADM as per EIA Notification, 2006. The issues raised during Public Hearing were also considered and discussed during the Meeting, which inter-alia, included that there should not be any traffic congestions, air pollution control measures shall be adopted by carrying out plantation, sprinkling of water etc. As per the villager's requirements, it was informed by the PP that they would give preference to locals for employment; health issues and providing education etc. These have been incorporated in the Project Plan with budgetary provisions.

The cost of the Project is Rs. 7 lakhs. The PP informed that 1.95 Lakh capital cost & 1.08 lakh for Environmental protection measures and CSR activity. It was reported by the PP that there is no court case/litigation pending against the Project and no violation.

The proposal was placed in EAC meeting held during February 24-25, 2014 wherein Committee sought following information:

- (i) The meteorological data collected for the proposal is same as of other three proposals, therefore one month baseline data shall be collected afresh and submitted.
- (ii) Site specific Conservation Plan for the Schedule-I species shall be submitted with budgetary provisions.
- (iii) Details regarding Occupational Health and CSR plan shall be submitted.
- (iv) Information on geological reserves based on UNFC classification shall be provided.
- (v) Revised 'Questionnaire' shall be submitted.
- (vi) Flood details for last 5 years shall be provided.
- (vii) Details of number of crushers located in study area and impact of crushers on nearby agriculture land and mitigation measures proposed shall be furnished.
- (viii) Details of court case, if any, shall be submitted.

On submission of information, the Proposal was placed in the EAC meeting held during August 26-27, 2014. The PP submitted fresh baseline data from 11.03.2014 to 10.04.2014. The Conservation Plan for Schedule-I species forwarded by DFO was submitted. The Occupational Health and CSR Plan with capital cost of 1.0 lakh and recurring cost of 0.3 lakh is submitted. The geological reserves based on UNFC classification is 331. The revised 'Questionnaire' was submitted and it was informed that no flood has been reported in the area since last nine years. It was informed by the PP that five crushers are located in the study area. It was informed by the PP that no court case is pending on Project and a court order has directed the PP to use only six wheeler vehicles. Therefore, the Committee suggested additional specific condition (i) Vehicle used for mining activity shall be

restricted to six wheelers and below only. The Committee deferred the proposal for environmental clearance and directed the PP to submit approved Conservation Plan for schedule-I species from CWLW along with budgetary provisions and implementation schedule.

The PP submitted the Conservation Plan for schedule-I species approved by CWLW vide no. dated WL(Misc.)-73/Mining/VII/4121 dated 12.09.2014. Based on the information submitted by the Proponent and discussion held in the meeting, the Committee **recommended** the Proposal for grant of environmental clearance with additional specific condition (i) Vehicle used for mining activity shall be restricted to six wheelers and below only; and (ii) the Committee proposed to oversee the implementation of conservation plan should be headed by independent expert.

### **2.31 Kavdoli Bauxite Mine (ML area 55.79 ha and 18000 TPA of Bauxite) of Shri Dinesh Trikanand at Village-Kavdoli, Taluka Dapoli, District Ratnagiri in Maharashtra.**

The proposal is for mining of 18000 TPA of Bauxite from 55.79 ha Mine lease area located at Village-Kavdoli, Taluka Dapoli, District Ratnagiri in Maharashtra. Survey No. 7, 8, 9, 10 and 11 of Kavdoli Village.

The Latitudes and Longitudes of the site are

N 17° 54' 34.1", E 73° 06' 40.8"  
N 17° 54' 34.1", E 73° 06' 45.2"  
N 17° 54' 35.0", E 73° 06' 48.6"  
N 17° 54' 46.4", E 73° 06' 51.0"  
N 17° 54' 53.2", E 73° 06' 55.5"  
N 17° 54' 55.5", E 73° 06' 56.5"  
N 17° 55' 00.0", E 73° 06' 56.5"  
N 17° 55' 06.5", E 73° 06' 57.9"  
N 17° 55' 11.4", E 73° 06' 58.9"  
N 17° 55' 12.0", E 73° 06' 57.9"  
N 17° 55' 18.9", E 73° 06' 55.8"  
N 17° 55' 24.7", E 73° 06' 54.1"  
N 17° 55' 29.2", E 73° 06' 50.3"  
N 17° 55' 34.8", E 73° 06' 50.0"  
N 17° 55' 32.5", E 73° 06' 41.4"  
N 17° 55' 28.3", E 73° 06' 39.5"  
N 17° 55' 18.9", E 73° 06' 39.8"  
N 17° 55' 15.9", E 73° 06' 39.1"  
N 17° 55' 10.1", E 73° 06' 50.7"  
N 17° 55' 03.9", E 73° 06' 49.7"  
N 17° 54' 59.4", E 73° 06' 47.6"

N 17° 54' 59.1", E 73° 06' 43.8"  
N 17° 54' 45.7", E 73° 06' 45.9"  
N 17° 54' 44.4", E 73° 06' 38.4"

The proposal was considered for prescribing TOR in EAC meeting held during 29-30<sup>th</sup> September 2009 and TOR was issued vide MoEF Letter No J-11015/179/2009-IA.II (M) dated 27<sup>th</sup> Oct 2009.

The mine lease area is 55.79 ha which is private non-forest waste land. There is no forest land in the lease area. The mining plan for the Project is approved by IBM vide letter No MP/MAN-573(MAH)/GOA/2004-05 dated 02.02.2005. Opencast mining is proposed for a maximum annual production of 18000 TPA. It is proposed to work this deposit by manual mining method using drilling and blasting. Loading will be manual nature. Initially, the overburden will be removed and stacked in a place in the surface. The top soil encountered, if any, will be stacked separately and utilized for afforestation purposes. Life of the mine is 33 years.

Total Geological Reserves are 1.10 million tonnes and Mineable Reserves: 0.594 million tones. Conceptual mine development will be carried out in 24.8 ha (15.4 ha will remain as void and 9.4 ha will be backfilled and afforested; area for green belt will be 1.48 ha, roads & buildings will occupy 0.78 ha, area for dumps will occupy 9.40 ha. Area for future development will be 17.33 ha.

It was reported by the PP, a total of 0.322 million m<sup>3</sup> of waste will be handled during life of mine. The waste generated during first five years will be dumped initially and subsequently it will be used for backfilling of mined out pits after 5 years. About 44 KLD of water will be required which will be sourced through Ground water and mine sump. The water table in the locality is at a depth of 15 - 20 m below the surface level within lease area. The mine workings are expected to reach to a depth of 4 – 8 m from top of 200m MSL i.e 192 m AMSL. Hence, mining activities will not intersect ground water table.

It was reported by the PP that there is no wildlife sanctuary/tiger reserve/national park, etc within the 10 km radius area around the mine lease. As per the survey carried out no Schedule – I species are reported in the study area. Baseline studies were carried out during winter season 2009 (November 2009 – January 2010) by Mahabal Enviro Engineer Pvt Ltd., Maharashtra. One season additional baseline studies were carried out by M/s Bhagavathi Ana Labs Pvt Ltd during winter season 2013 – 14 (Dec 2013– Feb 2014). All the parameters for air, water, and noise quality were reported to be within prescribed standards.

The Public Hearing for the proposed Kavdoli Bauxite Mine was conducted on 13.02.2011 at Gram panchayat Office, Kavdoli / Rautoli village. The PH was chaired by Shri. R.S. Sawalkar, Additional District Collector. The issues raised during Public Hearing were also considered and discussed during the meeting, which inter-alia, included that there should not be any discharge of effluent from the mine lease area, air pollution control measures to be adopted, controlled blasting, raising of plantation, sprinkling of water etc. As per the villager's requirements, it was informed by the PP that they would take care of local employment; health issues, providing education, and assistance in vocational training etc. These have been incorporated in the Project Plan with budgetary provisions.

The estimated cost of the Project is Rs 2.00 Crores. Capital budget for environmental protection measures is Rs 32.24 lakhs and recurring cost is Rs 15.96 lakhs. CSR cost: (Rs Lakhs: Capital Rs: 20.00 + Recurring Rs 3.54). It was reported by the PP that there is no court case/litigation pending against the Project.

The proposal was not considered by the Ministry and placed in EAC in view the moratorium on consideration of Projects from Ratnagiri and Sindhudurg districts, Maharashtra. The proposal was considered in the EAC Meeting held during August 26-27, 2014, the Committee observed that the documents provided by Power of Attorney holder to the Committee was relating to mining operations and neither PoA holder nor the Mine Lease owner was present for discussion on the Project and EIA/EMP report. The Committee decided to defer the proposal, with a direction that authorised person should present the Proposal before the Committee.

On request of PP the proposal was reconsidered in the present meeting, the PP submitted the copy of new Power of Attorney given to Mr. Rajanikant Pajwani from Mr Dinesh Trikannad highlighting the requirement of obtaining EC from the MoEF. Based on the information submitted by the Proponent and discussion held in the meeting, the Committee **recommended** the Proposal for grant of environmental clearance with additional specific condition (i) Plan for raising of nursery of indigenous medicinal plants (*Rawolfia serpentina* and *Sterculia sp.*) and taking up large scale plantation through the involvement of the Community in the study area.

**2.32 Expansion of Nandihalli Raw Clay Mine (ML area 121.41ha) from Production capacity 0.012 to 0.045 MTPA of M/s Mysore Minerals Ltd. Villages Mahadevarahalli and manjenahalli, in Arsikere Taluk, in Hassan District, in Karnataka- Amendment in EC.**

The proposal of M/s Mysore Minerals Ltd. is for amendment of Environmental Clearance. The TOR to the project was prescribed on 20.11.2007 and EC to the project was granted on 09.06.2009. The proposal was earlier placed in EAC meeting held during February 24-25, 2014. The proposal was deferred as PP did not attend the meeting.

The PP informed that the proposal was submitted for enhancement of production capacity of raw clay from production capacity 0.012 to 0.045 MTPA [1000 to 7650 TPA (China Clay), 3000 to 15750 TPA (Aluminous Clay) and 3000 to 21600 TPA (Silica Sand)]. The Committee deliberated on the proposal and observed that EMP report submitted by PP and the advertisement of Public hearing indicates the expansion of Raw Clay, China clay and Aluminous clay. The application and EMP report submitted was only for Raw clay (China clay + Aluminous clay). Moreover, it is not clear that expansion was from 2,000 TPA (mentioned in letter dated 19.08.2007 by PP) or 7,000 TPA (mentioned in letter dated 25.06.2013 and 28.07.2014) or 12,000 TPA (as mentioned in EMP report). To clarify PP shall submit following:

- (i) The year wise and mineral wise details of the production prior to 1994 till date.
- (ii) EMP report and public hearing advertisement indicate China clay and Aluminous clay as bi-product of Raw Clay and does not mention about raising silica sand, clarify in respect to the amendment sought; and
- (iii) The mine has entered second renewal, provide a copy of valid mine lease documents.

The Committee decided that the Proposal be **deferred** till the aforesaid information is submitted and proposal will be re-considered thereafter by EAC without calling the Proponent.

**(2.33).Cheja Pathar (Masonry Stone) Mining (ML No- 147/04) of M/s Smt. Laxmi Kanwar W/o Shri Chhatrapal Singh, located at Village – Dhirka ki Dhani, Tehsil – Khetri, District – Jhunjhunu, Rajasthan (1.0ha)**

The proposal of M/s Smt. Laxmi Kanwar W/o Shri Chhatrapal Singh for Cheja Pathar (Masonry Stone) with proposed production capacity of 2,96,677.5 TPA (ROM) in the mine lease area 1ha. The mine is located at

Village: Dhirka Ki Dhani, Tehsil- Khetri & Dist- Jhunjhunu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.34).Cheja Pathar (Masonry Stone) Mining (ML No- 784/2004) of M/s Shri Pushpendra Singh S/o Shri Chhatrasal Singh, located at Village – Patiyala ki Dhani, tehsil – Khetri, District – Jhunjhunu, Rajasthan (1.0ha)**

The proposal of M/s Shri Pushpendra Singh S/o Shri Chhatrasal Singh is for Masonry Stone with proposed production capacity of 2,22,222 TPA (ROM) in the mine lease area 1ha. The mine is located at Village: Patiyala Ki Dhani, Tehsil- Khetri, Dist- Jhunjhunu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;

- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.35). Marble Mining (ML No- 571/07) of M/s Smt. Ratni Devi W/o Shri Gopi Siloniya located at Village – Meena ki Dhani, Tehsil – Khetri, District – Jhunjhunu, Rajasthan (2.50ha)**

The proposal of M/s Smt. Ratni Devi W/o Shri Gopi Siloniya for Marble Mining Project with proposed production capacity of 1,63,790 TPA(ROM) in the mine lease area 2.50ha. The mine is located at Village: Meena Ki Dhani, Tehsil- Khetri, Dist- Jhunjhunu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as

well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;

- (i) Letter of Intent/Mine Lease for Mining of minor mineral;
- (ii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iii) Details of Project Cost;
- (iv) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (v) Year wise production details of minerals since 14.09.2006;
- (vi) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (vii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (viii) Details of Forest land, if involved and the status of FC;
- (ix) List of wild animals sited in Project area or neighborhood ; and
- (x) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.36).Cheja Pathar (Masonry Stone) Mining (ML No- 188/97) of M/s Shri Chimana Ram Jat S/o Shri Ladu Ram Jat, located at Village – Dairwala, Tehsil – Jhunjhunu, District – Jhunjhunu, Rajasthan (0.25ha)**

The proposal of M/s Shri Chimana Ram Jat S/o Shri Ladu Ram Jat is for Masonry Stone with proposed production capacity of 11,700 TPA (ROM) in the mine lease area 0.25ha. The mine is located at Village: Village- Derwala, Tehsil & Dist- Jhunjhunu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed

exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category ‘B’ projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.37).Cheja Pathar (Masonry Stone) Mining (M.L. No. 387/07) of M/s Shree Gajanand Kumawat S/o Shri Malchand Kumawat, located at Village – Chhapoli, Tehsil – Udaipurwati, District – Junjhunun, Rajasthan (1.0ha)**

The proposal of M/s Shree Gajanand Kumawat S/o Shri Malchand Kumawat is for Masonry Stone with proposed production capacity of 2,10,000 TPA (ROM) in the mine lease area 1.0ha. The mine is located at Villages Chhapoli, Tehsil:Udaipurwati, District: Jhunjhunun (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;

- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.38).Quartzite (Masonry Stone) Mining (M.L. No. 342/2004) of M/s Shri Vinod Singh S/o Shri Pabu Dan Singh, located at Village - Nagaliya, Tehsil - Khetri, District - Jhunjhunu, Rajasthan, (1.0ha)**

The proposal of M/s Shri Vinod Singh S/o Shri Pabu Dan Singh is for Quartzite (Masonry Stone) with proposed production capacity of 2,22,222.5 TPA (ROM) in the mine lease area 1.0ha. The Mine is located at Villages Chhapoli, Tehsil: Udaipurwati, District: Jhunjhunu (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.39).Cheja Pathar (Masonry Stone) Mining (M.L. No. 38/05) of M/s Shri Phool Chand Pareek, located at, Village – Dalatpura, Tehsil – Dantaramgarh, District – Sikar, Rajasthan (1.0ha)**

The proposal of M/s Shri Phool Chand Pareek is for Masonry Stone with proposed production capacity of 3,16,360 TPA (ROM) in the mine lease area 1.0ha. The mine is located at Village: Dalatpura, Tehsil: Dantaramgarh, District: Sikar (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its

appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.40).Masonry Stone (Cheja Pathar) Mining (ML No- 70/2011) of M/s Shri Vijai Singh Meena S/o Shri Prahalad Singh Meena, located at Village – Gangora, Tehsil – Pahari, District – Bharatpur, Rajasthan (1.0ha)**

The proposal of M/s Shri Vijai Singh Meena S/o Shri Prahalad Singh Meena is for Masonry Stone with proposed production capacity of 1,12,320 TPA (ROM) in the mine lease area 1.0ha. The mine is located at Village- Gangora, Tehsil- Pahari, Dist- Bharatpur (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2

Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that “In case of Category ‘B’ projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project.” The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.41). Cheja Pathar (Masonry Stone) Mining (ML No- 47/2006) of M/s Smt. Nilu Pareek W/o Shri Pareek, located at Village – Dalatpura, Tehsil – Dantaramgarh, District – Sikar, Rajasthan (1.0ha)**

The proposal of M/s Smt. Nilu Pareek W/o Shri Pareek is for Masonry Stone with proposed production capacity of 3,33,396 TPA (ROM) in the mine lease area 1.0 ha. The mine is located at Village- Danta, Tehsil- Dantaramgarh, Dist- Sikar (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;

- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.42). Cheja Pathar (Masonry Stone) Mining (ML No.- 437/2006) of M/s Shri Ramakant Pareek S/o Shri Phoolchand Pareek, located at Village – Kantiya, Tehsil – Dantaramgarh, District – Sikar, Rajasthan (1.0ha)**

The proposal of M/s Shri Ramakant Pareek S/o Shri Phoolchand Pareek is for Masonry Stone with proposed production capacity of 2,87,385 TPA (ROM) in the mine lease area 1.0ha. The mine is located at Village- Danta, Tehsil- Dantaramgarh, Dist- Sikar(Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

**(2.43).Cheja Pathar (Masonry Stone) Mining (M.L. No. 39/05) of M/s Shri Ramakant Pareek S/o Shri Phool Chand Pareek, located at Village - Dalatpur, Tehsil – Dantaramgarh, District – Sikar, Rajasthan (1.0ha)**

The proposal of M/s Shri Ramakant Pareek S/o Shri Phool Chand Pareek is for Cheja Pathar (Masonry Stone) with proposed production capacity of 3,65,148 TPA (ROM) in the mine lease area 1.0ha. The mine lease area is located at Village: Daulatram, Tehsil- Dantaramgarh, District- Sikar (Rajasthan). This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF&CC.

The Committee was informed by Project Proponent that they have submitted Form-1 and Pre-feasibility Report online treating the Project as B2 Category as per the EIA Notification, 2006. Environmental Impact Assessment as well as Public Consultation is not required. The EAC viewed that these prescribed exemptions and recommendations are based on provisions of the EIA Notification, 2006 vide para Clause 7.0 sub clause 7(i) I under Stage (1) – Screening it

provides that "In case of Category 'B' projects or activities, this stage will entail the scrutiny of an application seeking prior Environmental Clearance made in Form 1 by the concerned State level Expert Appraisal Committee (SEAC) for determining whether or not the project or activity requires further environmental studies for preparation of an Environmental Impact Assessment (EIA) for its appraisal prior to the grant of Environmental Clearance depending up on the nature and location specificity of the Project." The Committee felt that TORs is not required, nor any formal EIA/ EMP is to be prepared in the instant case as well as Public Hearing is not required in light of less impact of the Project activity on environment. **PP did not submit hard copy or circulated any material to all the members as well as to the Ministry.**

Based on the discussion held in the meeting, EAC **suggested** that the Project Proponent has to submit the following documents for further consideration of the proposal: -

- (i) Form –I along with Pre-Feasibility Report as per EIA Notification, 2006;
- (ii) Letter of Intent/Mine Lease for Mining of minor mineral;
- (iii) Approved Ecofriendly Mining Plan for mining of minor mineral from the State Government;
- (iv) Details of Project Cost;
- (v) Details of protected areas viz. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected monuments, Interstate boundary and Critically Polluted area as identified by CPCB etc. located within 10km radius of the mine lease area;
- (vi) Year wise production details of minerals since 14.09.2006;
- (vii) Details of other mines including lease area located within 500m of the mine lease area duly authenticated by the Mining Department of the State Govt.;
- (viii) Letter of State Government stating the location of mine lease area w.r.t. Aravali Hill Notification;
- (ix) Details of Forest land, if involved and the status of FC;
- (x) List of wild animals sited in Project area or neighborhood ; and
- (xi) Details of Court Case/ litigation pending, if any.

The Committee decided to **defer** the proposal and the proposal be considered **without calling the PP** after receipt of the above mentioned information.

The meeting ended with a vote of thanks to the Chair.

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## Annexure-I

<b>S. No.</b>	<b>Terms of Reference (TORs)</b>
1)	Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification, 1994 came into force w.r.t. the highest production achieved prior to 1994.
2)	A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
3)	All documents including approved mine plan, EIA and public hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management and mining technology and should be in the name of the lessee.
4)	All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/toposheet should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
5)	Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large may also be detailed in the EIA report.
6)	Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
7)	The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc should be for the life of the mine / lease period.
8)	Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
9)	Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any,

	should be given.
10)	A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
11)	Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
12)	Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
13)	The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
14)	A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly detailed mitigative measures required, should be worked out with cost implications and submitted.
15)	Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the State Wildlife Department/Chief Wildlife Warden under the Wildlife (Protection) Act, 1972 and copy furnished.
16)	A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any schedule-I fauna found in the study area, the necessary plan for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost. The Conservation Plan for Schedule-I species shall be approved by the Chief Wildlife Warden of the State Government.
17)	Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining

	Dept. Should be secured and furnished to the effect that the proposed mining activities could be considered.
18)	Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
19)	R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village located in the mine lease area will be shifted or not. The issues relating to shifting of Village including their R&R and socio-economic aspects should be discussed in the report.
20)	One season (non-monsoon) primary baseline data on ambient air quality (PM <sub>10</sub> , SO <sub>2</sub> and NO <sub>x</sub> ), water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM <sub>10</sub> , particularly for free silica, should be given.
21)	Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
22)	Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the project.
23)	The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
24)	Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.

25)	Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
26)	Impact of the project on the water quality, both surface and groundwater should be assessed and necessary safeguard measures, if any required, should be provided.
27)	Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
28)	Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
29)	Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
30)	A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the project.
31)	Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered.
32)	Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA report.
33)	Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
34)	A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given.
35)	Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP.

36)	Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
37)	Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
38)	Detailed environmental management plan to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
39)	Public hearing points raised and commitment of the project proponent on the same along with time bound action plan to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
40)	Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the project should be given.
41)	The cost of the project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
42)	Provide a brief background of the project, financial position, group companies and legal issues etc.; past and current important litigations.

List of Participants

- |                                                                      |          |
|----------------------------------------------------------------------|----------|
| 1. Shri M. S. Nagar                                                  | Chairman |
| 2. Dr. S. Subramaniyan                                               | Member   |
| 3. Prof. A. K. Bhatnagar                                             | Member   |
| 4. Dr. L. Ajay Kumar                                                 | Member   |
| 5. Shri P.K. Verdia                                                  | Member   |
| 6. Prof. G.S. Roonwall                                               | Member   |
| 7. Prof. Asha Rajbanshi                                              | Member   |
| 8. Dr. S. K. Peshin                                                  | Member   |
| 9. Dr. V.P. Upadhyay, Director, MoEF<br>Secretary                    | Member   |
| 10. Dr. R. B. Lal, Joint Director, MoEF                              |          |
| 11. Dr. Sonu Singh, Deputy Director, MoEF                            |          |
| 12. Representatives of <b>M/s Tata Chemicals Ltd</b>                 |          |
| 13. Representatives of <b>M/s Smt. Nirmala Ben S. Mehta</b>          |          |
| 14. Representatives of <b>M/s Mahadev Stone Crusher</b>              |          |
| 15. Representatives of <b>M/s Baba Ramdev Stone</b>                  |          |
| 16. Representatives of <b>M/s Shri Surendra Dhaka</b>                |          |
| 17. Representatives of <b>M/s Shri Narpat Sing Godara</b>            |          |
| 18. Representatives of <b>M/s Sh. Bhanwar Singh</b>                  |          |
| 19. Representatives of <b>M/s Baba Ramdev Stone Crusher</b>          |          |
| 20. Representatives of <b>M/s Shri Vidhyadhar Beniwal</b>            |          |
| 21. Representatives of <b>M/s Baba Stone Manpura</b>                 |          |
| 22. Representatives of <b>M/s Shri Shivkumar</b>                     |          |
| 23. Representatives of <b>M/s Shri Meghraj Sharma</b>                |          |
| 24. Representatives of <b>M/s Supreme Marble and Granite Limited</b> |          |
| 25. Representatives of <b>M/s. Bhagwati Grit and Sand Pvt. Ltd</b>   |          |
| 26. Representatives of <b>M/s Supreme Marble and Granite Ltd</b>     |          |
| 27. Representatives of <b>M/s Smt. Ratni Devi</b>                    |          |
| 28. Representatives of <b>M/s Shri Kamlesh Kumar Kumawat</b>         |          |
| 29. Representatives of <b>M/s Shri Raghuveer Singh</b>               |          |
| 30. Representatives of <b>M/s Mahesh Stone Crusher</b>               |          |
| 31. Representatives of <b>M/s A.P. Mineral Development Corp. Ltd</b> |          |
| 32. Representatives of <b>M/s SAIL</b>                               |          |
| 33. Representatives of <b>M/s Penna Cement Industries Ltd</b>        |          |
| 34. Representatives of <b>M/s Misrilall Mines Pvt. Ltd</b>           |          |
| 35. Representatives of <b>M/s Pradhan Industries Ltd.</b>            |          |
| 36. Representatives of <b>M/s Golden Karamjot Stone Crusher</b>      |          |
| 37. Representatives of <b>M/s Shri Dinesh Trikanand</b>              |          |
| 38. Representatives of <b>M/s Mysore Minerals Ltd.</b>               |          |
| 39. Representatives of <b>M/s Smt. Laxmi Kanwar</b>                  |          |
| 40. Representatives of <b>M/s Shri Pushpendra</b>                    |          |
| 41. Representatives of <b>M/s Smt. Ratni Devi</b>                    |          |

42. Representatives of **M/s Shri Chimana Ram Jat**
43. Representatives of **M/s Shree Gajanand Kumawat**
44. Representatives of **M/s Shri Vinod Singh**
45. Representatives of **M/s Shri Phool Chand Pareek**
46. Representatives of **M/s Shri Vijai Singh Meena**
47. Representatives of **M/s Smt. Nilu Pareek**
48. Representatives of **M/s Shri Ramakant Pareek**

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