

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

SUMMARY RECORD OF 26th MEETING OF THE RECONSTITUTED COMMITTEE OF THE EXPERT APPRAISAL COMMITTEE FOR ENVIRONMENTAL APPRAISAL OF MINING PROJECTS CONSTITUTED UNDER EIA NOTIFICATION, 2006.

The 26th 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 **November 24-25, 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 25th EAC Meeting.

The Minutes of the 25th Meeting of EAC held during **November 13-14, 2014** were confirmed and circulated.

Agenda Item No. 2:

Day 1: 24th November, 2014

Consideration of Environmental Clearance Proposals

(2.1).Expansion of production capacity from 0.9 million TPA to 2.32 million TPA (ROM) of Limestone in Kuteshwar Limestone Mine (Right Bank Lease) – Opencast Mining & Crushing & Screening Plant (200 TPH to 650 TPH) by M/s SAIL, located at Village Gairtalai, Marwa & Jararoda, District Katni, Madhya Pradesh (944.89 ha) (Consultant: Bhagvathi Ana Labs Ltd.)-EC

The proposal is for enhancement of Limestone production capacity from 0.9 million TPA to 2.32 million TPA (ROM). The mine lease area is located near Village (s) Marwa, Jararoda, Gairtalai, Tehsil– Vijayaghavgarh, District-Katani, Madhya Pradesh. The Latitudes and Longitudes of the mine lease area are 23°58'25.73" N & 24°00'07.56" N and 80°49'34.12" E & 80°52'01.14" E respectively on toposheet no. 63 D/16, 64 A/13.

The proposal was considered by the Expert Appraisal Committee (Mining) in its meeting held during 13th -15th March, 2013 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. ToRs were issued by the Ministry vide letter no. J-11015/449/2012.IA.II (M), dated 30.04.2013. The Proponent submitted the EIA/EMP report to the Ministry for seeking environmental clearance after conducting Public Hearing.

The Ministry has earlier accorded the environmental clearance to the project vide MoEF letter no. J-11015/34/93-IA II (I), dated 16th June 1995. The certified compliance Report of the conditions stipulated in the earlier EC was submitted by the Regional Office of MoEF, Bhopal vide letter dated 08.09.2014. The Committee deliberated the compliance status at length.

The total mining lease area is 944.89 ha. Out of this, 232.70 ha is Govt. land and 712.19 ha is private 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, vide letter no. 314(3)2011 MCCM (CZ)-S-10/1164 dated 9th September, 2011. Project proponent (PP) reported that 64.50 ha area is presently being used for excavation. The mineable reserves are 95.313 million tonnes and Life of mine is 41 years.

Mining will be fully mechanized opencast method. The mining process involves drilling & blasting, loading and transportation of the excavated material. The proposed working will be by putting DT holes by Wagon Drill Machine & blasting by Slurry explosive along with plain, delayed and Nonel detonators. Overall pit slope will be 45°. The blasted material will be loaded by hydraulic excavators in dumpers & transported to crushing plant for sizing, a 450 TPH Capacity Crushing & Screening Plant will be installed in addition to the existing 200 TPH Plant. The proposed Crushing & Screening Plant will comprise of receiving hopper, primary sizer, secondary sizer, screens and a set of conveyor belts, dust suppression system.

PP informed that presently, limestone is transported from mine to Railway Siding at Khannabanjari by tipper trucks (located on Katni-Singrauli section of West Central Railways). In the proposed expansion of the mine, it has been envisaged to extend the Railway Siding from Khannabajari to Kuteshware Mine. The PP informed that till construction and commissioning of the Railway Siding at the mine, the existing dispatch route will continued. At the end of the life of mine, out of total mining lease area, excavated area will be 189.2 ha that will be converted into water reservoir and 410.537 ha will be reclaimed by plantation. As per approved scheme of mining, total waste generation will be 1048547 cubic meter at the end of the life of the mine. The total water requirement for the project will be 600 KLD per day, industrial water requirement to the tune of 300 KLD shall be met through mine pit water discharge. Balance 300KLD required for domestic consumption shall be met through ground water. The PP informed that Vijayraghavgarh Block of Katni District in which Kuteshwar Limestone Mine falls is a Non-notified area as per CGWB. Application for grant of NOC for ground water drawl has been submitted to CGWB, Bhopal.

Project Proponent reported that there is no Wildlife Sanctuary, National Park, Habitat for Migratory Birds, Tiger Reserve and Critically Polluted Area etc. located within 10 km radius of the mine lease area. The Bandhavgarh National Park is located 11.2Km SE and Bandhavgarh Tiger Reserve is located 11.2 Km S from the MLA. There is no forest in the mine lease area. There are four forests in the study area i.e. Hardua reserve forest (7 Km NW), Karreha Reserve forest (6.9 Km N) Bara reserved forest (5.5 Km NE) and open mixed jungle (4.9 Km NE).

The baseline data was generated for the period during March to May 2013. All the parameters for water and air quality were within permissible limits. The Committee deliberated the issues and was of the opinion that as the base line data was in accordance with the prescribed ToRs and the basic parameters are well within the permissible limits, the base line data could be accepted. The Committee was not satisfied with regard to greenbelt development Report; Plan for utilization of mine pit water; flora and fauna list in the study area and Disaster Management Plan in respect of likely inundation in the mine. The Committee was of the view that PP needs to submit the Revised greenbelt development Report; Plan for utilization of mine pit water; flora and fauna list in the study area and Disaster Management Plan in respect of likely inundation in the mine.

The Public hearing was held on 30.01.2014 which is presided over by Shri Dinesh Shrivastava, Addl. District Magistrate, Katni, Madhya Pradesh. The representative of Regional Office from the Madhya Pradesh Pollution Control Board was present. Major issues raised during Public Hearing were related to employment, water availability, Environmental Protection Measures and construction of alternate road for villagers. The issues raised during the Public Hearing were discussed during the meeting. The Committee noted that PP has not submitted the Action Plan and its Implementation Schedule with Budgetary provisions on the issues raised during Public Hearing and needs to submit the same. The total cost of the project is Rs. 226 Crores. The PP has earmarked Rs. 365 Lakhs towards Environmental Protection Measures and Rs. 68.36 Lakhs per annum towards recurring expenses.

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 Committee:-

- (i) Needs to submit the Ground Water withdrawal permission of CGWA;
- (ii) Needs to submit the Action Plan and its Implementation Schedule with Budgetary provisions on the issues raised during Public Hearing;
- (iii) Need to submit the Revised Greenbelt Development Report;
- (iv) Needs to submit Plan for utilization of mine pit water;

- (v) Needs to submit Revised flora and fauna list in the study area; Plantation Action Plan by selecting species for submerged area between mine pit and the dam as a green belt;
- (vi) Needs to submit Revised Disaster Management Plan in respect of likely inundation in the mine; and
- (vii) Needs to submit Impact of CSR programs (implemented so far around the mine lease area) by making a Survey Report through an Institution of Repute and also submit a 'Need based Action Plan' for the next CSR Program.

RECONSIDERATION OF EC PROPOSALS

(2.2). Samarnaka Quartz and Feldspar mine with production of 1,20,000 TPA (ROM) of Feldspar and 30,000 TPA (ROM) of Quartz by M/s Shri Rajendra Kumar Chandaliya, located at village-Samarnaka, District-Rajasamand, Rajasthan (42.5910ha) (Consultant: APEX Mintech Consultants, Udaipur, Rajasthan)-EC

The proposal of M/s Shri Rajendra Kumar Chandaliya is for opening of new Samarnaka Quartz and Feldspar mine with production of 1,20,000 TPA (ROM) of Feldspar and 30,000 TPA (ROM) of Quartz. The mine is located at Village Samarnaka, District-Rajasamand, Rajasthan.

The Terms of Reference (TOR) were issued by the Ministry vide letter no. J-11015/1030/2007.IA.II (M), dated 25.06.2008 for undertaking detailed EIA study. The Proponent submitted the EIA/EMP report to the Ministry for seeking environmental clearance after conducting public hearing.

The proposal was earlier considered in the EAC meeting held during October 19-21, 2011 wherein the Committee sought information/clarification. Based on the Information submitted by PP vide letter dated 25.11.2013, the Proposal was appraised by the Committee in its meeting held during February 24-25, 2014 wherein the PP could not submit the details and EAC again sought the Clarification/Information. Based on the Information submitted by the PP, the Proposal was considered in this present meeting.

The proposal is for opening of a new mine for production of 0.15 million TPA of quartz and feldspar put together (Quartz 30,000 TPA (ROM) and feldspar 1,20,000 TPA (ROM)). The mine lease area is 42.5910 ha. No forestland is involved. It was reported that Tadgarh Rawoli Wildlife Sanctuary is located within 10 km of the mine lease. The said project was transferred from SEIAA as it becomes category 'A' project due to its location within 10 km of the Sanctuary. Life of the mine is 40 years.

Mine working will be opencast semi-mechanized involving drilling and blasting. It is estimated that 8,50,000 m³ of OB will be generated during the mine life. It was

stated that the area does not fall in Aravali. A certificate from Mining Engineer, Govt. of Rajasthan was submitted in this regard. Water requirement for the project is estimated as 8 kld, which will be obtained from surface water and groundwater. The ultimate working depth will be 10 m bgl (650 mRL). The groundwater table is Reported to vary between 630–635 mRL. Mine working will not intersect groundwater table. At the end of the mine life, an area of 14.9645 ha will be covered under plantation. The baseline AAQ data showed the levels to be within permissible limits. Public hearing has been held on 03.10.2008. The issues raised during public hearing were also considered and discussed during the meeting. It was Reported that there is no court case pending against the project.

The Committee in its meeting held during October 19-21, 2011 sought the following information/clarifications: -

- (i) Wildlife Conservation Plan should be prepared and submitted.
- (ii) NOC from Chief Wildlife Warden for locating the project within 10 km of the sanctuary.
- (iii) Clearance from Standing Committee of National Board for Wildlife for locating the project within 10 km of the sanctuary.
- (iv) Filled in Questionnaire providing relevant information against each Question.
- (v) Occupational health issues to be addressed properly and details furnished.
- (vi) Coordinates of the site to be rechecked and reconfirmed.

The Proponent has submitted the information vide letter dated 25.11.2013. The Committee deliberated the information submitted by the PP and noted that the applicant submitted conservation plan for getting permission from the Wild Life Department, Govt. of Rajasthan and the proposal was considered in 30th meeting of Standing Committee of NBWL. The proposed site is 7 Km away from the notified boundary of Todgarh Raoli Wildlife Sanctuary, Rajasthan.

The PP has not filled the Questionnaire adequately with respect to serial no. 4,23,24,30 & 31 and the Committee was of the view that revised Questionnaire is to be submitted. The Committee noted that the base line data is old and was of the view that the Proponent needs to monitor fresh base line Ambient Air Quality data for one month i.e. March 2014 and compare it with the earlier data and accordingly amend the EIA Report. The deficiencies in the documents particularly not filling the information in the Questionnaire and collecting baseline data without following the guidelines as prescribed, was taken seriously by the Committee and the Consultant was advised to prepare the documents for appraisal with due compliance of manuals, standards, Office memoranda and guidelines issued by the Ministry from time to time. The Committee noted that due to such deficiencies, the appraisal of projects is delayed.

After deliberations in its meeting held during February 24-25, 2014, the Committee deferred the Proposal and sought the following information/clarifications: -

- (i) Proponent needs to monitor fresh base line Ambient Air Quality monitoring data for one month i.e. March 2014 and compare it with the earlier data and accordingly amend the EIA Report;
- (ii) The PP has not filled the Questionnaire adequately with respect to serial no. 4,23,24,30 & 31 and the Committee wanted that revised 'Questionnaire' be submitted; and
- (iii) Details of measures to be adopted for Occupational health issues be provided.

Based on the Information submitted by PP, the proposal was discussed in this present meeting. The point wise replies received are as follows: -

- (i). Proponent has monitored fresh base line Ambient Air Quality monitoring data for one month i.e. March 2014 and compared it with the earlier data. The Committee is satisfied with the data submitted by PP;
- (ii). PP has submitted the revised Questionnaire with the required information;
- (iii). PP has provided details of measures to be adopted for Occupational health related issues.

Based on the presentation and discussion held, Committee **recommended** the Project for Environmental Clearance for mining of Feldspar and Quartz with production capacity of 1,20,000 TPA (ROM) of Feldspar and 30,000 TPA (ROM) of Quartz **subject to (i) submission of duly filled in Form of Annexure** as given in OM J-11013/41/2006-IA.II (I), (Part) dated 20.08.2014 regarding NBWL matter; and (ii) Approved Schedule-I species conservation Plan duly approved by the Chief Wild Life Warden. Further, the Committee also **recommended specific conditions** viz. Implementation of the Recommendations of National Institute of Miners Health for ensuring good occupational environment for mine workers.

(2.3).Acchi Bavri Mine with production capacity of 20,000 TPA (ROM) of Soapstone & 2,40,000 TPA (ROM) of Dolomite by M/s Mahesh Mantri, located at village Semal, Tehsil Nathdwara, District Rajsamand, Rajasthan (129.50ha) (Consultant: Apex Mintech, Udaipur)-EC

The proposal of M/s Mahesh Mantri is for mining of Soapstone with 20,000 TPA (ROM) & Dolomite with 2,40,000 TPA (ROM) capacity. The mine lease area is located

at village Semal, Tehsil Nathdwara, District Rajsamand, Rajasthan. The Latitudes and Longitudes of the Mine Lease area 24°49'32.0" N -24°51'53.6" N and 73°40'06.1" E-73°41'46.0" E respectively.

The proposal was earlier considered by the Expert Appraisal Committee in its meeting held during August 29-31, 2012 to determine Terms of Reference (TORs) for undertaking detailed EIA study. The TORs were issued by the MoEF vide letter no. J-11015/212/2012-IA.II (M) dated 1st November, 2012. The Proponent submitted its application to the Ministry for seeking environmental clearance.

The proposal was earlier considered in the EAC meeting held during August 21-23, 2013 wherein the Committee sought additional information/clarifications. Based on the Information submitted by PP, the Proposal is considered in this present meeting.

It is noted that the Committee, while prescribing TORs, exempted the public hearing considering that the minerals being mined are environmentally benign; the incremental impacts consequent on the proposed expansion are not going to be materially different from the impacts placed before the Public on the previous occasion. The Committee while deliberating the issues on PH, noted that it was conducted on 27.08.2008, which is more than three years old. Therefore, the Committee was of the view that PP needs to conduct fresh PH as this is an expansion case and environmental impact needs to be re-assessed.

Total mine lease area is 129.50 ha out of which Govt. waste land is 27.02 ha, Pvt. Waste land is 70.48 ha and Grazing land is 32.00 ha. No Forest Land is involved. The mining method is mechanized opencast and the dimension of benches is 6m height and 9 m width. Water requirement is 13 KLD and source of water is sump water (12KLD) and tube well (1KLD). The mine lease was granted by Govt. of Rajasthan for an area of 129.50 ha for mineral soapstone to Shri Manak Lal Nahar for a period of 20 years w.e.f. 11.09.1969 to 10.09.1989. The Renewal of mining lease granted for 10 years w.e.f. 11.09.1989 to 10.09.1999 & executed on 25.02.1991. The Mineral Dolomite was included vide Govt. order No. PA-5/86/Khan/Gr-I/97 dated 06.06.1998. Transfer of lease in the name of Shri Mahesh Mantri was effective from 15.02.1998 vide Govt. order No. Khan/Raj-I/Pakha/SL-1/88 dt. 15.02.1999. Application of renewal of mining lease was made and the new mining lease is from 11.09.1999 for 20 years. Mining Scheme with Progressive Mine Closure Plan was approved by Supdt. Mining Engineer, Directorate of Mines & Geology vide letter No. SME/UD-Cir/Mine-Scheme/Raj/Major/F/11/10/1295-1301 dated 15.07.2011. The life of mine is 29 years. Mining will not intersect the Ground Water Table.

The Committee noted that Earlier Environment Clearance was granted by MoEF vide letter No. J-11015/186/2005-IA. II (M) dated 22.09.2006 for production of Soapstone (8,500 TPA) & for Dolomite (74,700 TPA). The PP presented the certified compliance Report of the Regional Officer for earlier Environment Clearance which was

forwarded by the RO on 16.08.2012. The Committee noted that the compliance Report is one year old.

PP reported that there is no Wild Life Sanctuary, National Park, Biosphere Reserves, Wildlife Corridors, Tiger /Elephant Reserves within the 10 km of the mine lease area. Three Schedule-I species are reported in the Buffer zone, whereas the conservation plan is prepared for only one Schedule-I species, which too is found inadequate. The Committee was of the view that, PP need to submit the Species specific conservation plan for the identified Schedule-I species with budgetary provisions.

The baseline data was generated for the Months of October 2012 to December 2012. All the parameters for water and air quality were seen to be within permissible limits. The Committee noted that only 5 stations are taken for ambient air quality monitoring and there is no monitoring station in South-East direction.

PP informed that they are undertaking medical checkup for the workers once in three years. The Committee noted that Periodicity of medical checkup (for different types of workers with more vulnerable health records and or working at sites more vulnerable to occupational health hazards) is not adequate; hence the periodicity for medical checkup for the workers (more vulnerable to occupational diseases) in the Core zones need to be more frequent compared to the workers who are not directly involved in the mining activity. In this regard PP needs to provide the details and commitment for the same.

The project cost is 3.0 Crores and the EMP cost is Rs. 13.0 Lakhs towards capital cost and Rs. 7.0 Lakhs per annum is earmarked towards recurring expenses for monitoring.

After deliberations by the EAC in its meeting held during August 21-23, 2013, the Committee deferred and sought the following information/clarifications:

- (i) To conduct fresh Public Hearing as per the provisions of the EIA Notification, 2006;
- (ii) Latest RO Certified Compliance Report for earlier Environment Clearance accorded vide letter No. J-11015/186/2005-IA. II (M) dated 22.09.2006 for production of Soapstone (8500 TPA) & Dolomite (74,700 TPA);
- (iii) To submit Species specific conservation plan for the identified Schedule-I species with budgetary provisions;
- (iv) Details of High Court case or other litigation pending for the project;
- (v) NOC letter from Gram Panchayat for grazing land;
- (vi) Revised Environment policy;
- (vii) Suggestion for plantation of fruit trees like *Sharifaa* etc. and Strip plantation around the periphery needs to be provided;
- (viii) Questionnaire duly filled in;

- (ix) Need for additional monitoring of ambient air quality in the South-West direction of the mine lease area;
- (x) Commitment to enhance the periodicity of medical checkup selectively for the more vulnerable workers;
- (xi) Details of CSR activities.

The Project Proponent has presented the above mentioned information/clarification and the point wise clarifications are as follows:

- (i). A fresh Public Hearing was conducted on 23.07.2014 and presided over by Shri Govind Singh Ranawat, Additional Collector, Rajsamand, at Acchi Bavri Soapstone & Dolomite Mine. There are 111 (one hundred and eleven) Public members were participated during the Public Hearing. A Time-Bound Action Plan, along with fund allocation, has been submitted by the PP.
- (ii). Latest RO certified Compliance Report for earlier Environment Clearance, dated 22.09.2006 for production of Soapstone (8500 TPA) & Dolomite (74,700 TPA) was submitted by the MoEF&CC Regional Office, Lucknow on 26.08.2014.
- (iii). Species specific Conservation Plan for the identified Schedule I species with budgetary provision have been prepared and submitted to the DFO, Rajsamand, on 21st November, 2014. The Conservation Plan is under approval.
- (iv). With regard to details of High Court case or other litigation pending for the project, PP informed that a case related to the boundary dispute with the adjoining lessee is pending with Hon'ble trial Court at Nathdwara. Another case related to the same boundary dispute has been filed with the Hon'ble Jodhpur High Court by the Project Proponent against the Govt. of Rajasthan.
- (v). With regard to NOC Letter from Gram Panchayat for grazing land, PP has informed that the required NOC letter from Nedach Gram Panchayat has been obtained.
- (vi). Revised environmental policy has been framed. Necessary Organizational structure for implementation of the Environmental Policy has been prepared, fixing the duties & responsibilities of the persons concerned.
- (vii). With regard to suggestion for Plantation of fruit trees like Sharifa etc. and Strip plantation around the periphery, PP has informed that a provision has been made for enhancement in plantation of fruit bearing trees like Sharifa, etc., along the roadsides. A proposal also has been made for undertaking a strip plantation around the periphery of the lease hold. A provision of Rs. 4 lakh has been made for setting up of a small nursery over an area of 0.5 ha. A provision also has been made for annual expenditure of Rs. 6.71 lakh for maintenance of

the nursery, cost of seedlings, plantation work and maintenance of the plants.

- (viii). Revised Questionnaire has been resubmitted.
- (ix). Additional monitoring of ambient air quality was conducted in the South-West direction of the mine lease area at village Badwah.
- (x). With regard to commitment to enhance the periodicity of medical checkup selectively for the more vulnerable workers, PP informed that, the following proposals have been made, enhancing the periodicity of medical checkup of the mine workers.
 - a. The workers below 45 years in age will be checked up once in 2 years.
 - b. The workers above 45 years in age will be checked up once in a year.
 - c. The workers engaged in drilling operation who are directly exposed to dust, will be checked up once in a year.
 - d. The drivers of Heavy Earth Moving Machinery will be checked up every year.

The results of medical checkups are duly entered into Form 'O' maintained at the mine office.

- (xi). With regard to Details of CSR activities, PP informed that the highlights of the CSR are given below:
 - a. A sum of Rs. 13,11,800/- has already been spent during last 3 years (2012 to 2014), on activities like construction of additional rooms, levelling up of the school playground, providing scholarships to the students, distribution of books, sweaters, sweets etc., and installation of an RO apparatus at Sr. Sec. School, Nedach; construction of a Drinking water Tank for animals at village Acchi Bavri, and imparting training to the nearby villagers at the common VT centre.
 - b. The PP has a proposal of spending a sum of about Rs.5,00,000/- per year on the activities like Education, Health and Hygiene, Social Upliftment & Skill Development, also covering the commitments made by the Proponent at the time of Public Hearing.

Based on the presentation and discussion held, Committee **recommended** the Project for Environmental Clearance for production capacity of 20,000 TPA (ROM) of Soapstone & 2,40,000 TPA (ROM) of Dolomite **subject to submission of** Schedule-I species specific Conservation Plan, duly approved by the Chief Wild Life Warden.

Further, the Committee also **recommended specific conditions** viz. (i) A

study from an Institution of Repute may be conducted on the impact of Dolomite dust on Crop Productivity for agricultural land located around mines and mitigation measures to be implemented by PP to reduce the impact; (ii) Recommendation by the Institute for Crops most suited in this environment and training to the farmers to switch over to new cropping system which will sustain nutrient loading; (iii) Implementation of the Recommendations of National Institute of Miners Health for ensuring good occupational environment for mine workers; and (iv) Use of effective sprinkler system to suppress fugitive dust on haul road and other transport roads.

(2.4). Enhancement of production of bauxite from 0.15 million TPA to 0.3 million TPA (ROM) for Kujam-II Bauxite mine by M/s Hindalco Industries Limited, located at Village(s) Kujam & Chirodih, Thana-Bishnupur, District-Gumla, Jharkhand (157.38ha) (Consultant: Vimta Labs, Hyderabad)-EC

The proposal is for enhancement of Bauxite Production Capacity from 0.15 million TPA to 0.3 million TPA (ROM) in the mine lease area of 157.38 ha. The mine lease is located near villages Mauza – Kujam & Chirodih, Thana - Bishunpur, Gumla District, Jharkhand. The study area covers 10 km radius around the mine lease area and it lies between Latitudes 23°16'15" to 23°17'30" N, Longitudes 84°17'10" to 84°18'30" E and is covered by topo-sheet no. 73 A/7.

The proposal was considered by the Expert Appraisal Committee (Mining) in its meeting held during 21st February 2012 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by the Ministry vide letter no. -11015/297/2011 – IA.II (M) dated 26th March 2012. The proponent submitted the EIA/EMP Report to the Ministry for seeking environmental clearance after conducting Public Hearing.

The proposal was earlier considered in the EAC meeting held during December 16-17, 2013 wherein the Committee deferred the proposal and sought information/clarifications. Based on the Information submitted by PP, the Proposal is considered in this present meeting.

The mining lease was originally granted over an area of 157.38 ha, vide order no. 3BM II-2-97-1589/M dated 19.08.2005 in the name of M/s Indian Aluminum Company Limited (INDAL) and accordingly the Environment Clearance was obtained vide letter no. J-11015/242/2005-IA.II (M) dated 14.08.2006 for a production capacity of 0.15 million TPA of bauxite. It is reported by the PP that M/s INDAL merged with M/s Hindalco Industries Limited and accordingly the mining Lease deed is executed. PP informed that the Application has been submitted to the MoEF regarding transfer of name in the Environmental Clearance from M/s INDAL to M/s Hindalco vide letter no- HIL/AVP (M)/MoEF-EC/1014, dated 01.03.2012, However, the earlier EC has not been transferred in the name of M/s Hindalco Industries Limited.

The certified compliance Report of the conditions stipulated in the earlier EC was submitted by the Regional Office of MoEF, Bhubaneswar vide letter dated

01.10.2013. The Committee deliberated the compliance status of earlier EC at length and noted that the Regional Office has pointed out the following deficiencies: -

- (i) PP has not prepared the rain water harvesting plan in the mine lease area;
- (ii) The seasonal changes in the ground water level have not been measured and report not submitted (specific EC condition no. ix);
- (iii) Proponent has not submitted the details of compensation paid to the project affected families (specific EC condition no. xvii);
- (iv) Proponent has not compiled the specific EC condition no. (viii) with regard to fencing and protection of area around the water bodies;
- (v) Proponent has not prepared any plan for conservation and protection of flora and fauna in the core zone as mentioned in the general EC condition no. (iii);
- (vi) Proponent has not complied w.r.t. separate environmental management cell and financial closure land development work as mentioned in the general EC condition no. (x) & (xi); and
- (vii) No green plantation has been developed. Needs to submit the details of plantation along with the names of species planted or to be planted;
- (viii) Details of impacts due to other mining activity in the Study Area need to be provided.

The Committee was of the view that the PP needs to submit the details about the above mentioned deficiencies, which may be verified by the RO and accordingly a fresh compliance Report may please be submitted by the RO.

The mine lease area is 157.38 ha. No forest land is involved. Out of 157.38 ha, 140.10 ha is agricultural land, 17.28 ha is waste land. Modified Mining Plan has been approved by IBM vide letter dated 22.07.2011. The life of the mine would be about 13 years. The mine lease will expire on 12.03.2026. The method of mining is opencast mechanized. The blasted material would be sorted out manually, loaded into trucks and sent to the Railway Siding to be transported to their captive Al. Plant at Muri. Proponent reported that at the end of the life of mine, reclaimed area will be 94.91ha (92.71 ha reclaimed by plantation and 2.2 ha converted into water reservoir). As per approved scheme of mining, total waste generation will be 8,04,181 cum at the end of FY 2013-14. It was reported that Ground water will not be intersected during scheme period. The site elevation is about 1068 m above MSL. The total water requirement of Kujam II mine lease is about 23 m³/day. As there are no perennial sources of water on the hill-top, the villagers get potable water from nearby natural springs and hand pumps.

Proponent reported that there is no National Park, Wildlife Sanctuary, Biosphere Reserve, Wildlife corridors, Tiger/Elephant Reserves/Schedule-I species/migratory paths of birds and animals, within 10 km radius of the mining project site. Three

Reserved Forests and Eighteen Protected Forests exist within 10 km radius of mine site.

The environmental baseline data were collected during pre-monsoon season i.e. March 2012–May 2012. The Committee deliberated on the Baseline data and found that the principle environment parameters are well within the permissible limits as prescribed by the CPCB. In ecological study, 327 plants species were recorded during study period. There are no endangered species of fauna reported or observed in the vicinity of the project area. As per 2011 census, the study area consisted of 46,203 persons inhabited in study area of 10 km radius distance from the periphery of the ML area.

Public Hearing was conducted on 11.07.2013 at Government Primary School, Banari village, Teshil-Bisunpur, District-Gumla under the Chairpersonship of Smt. Christina Hansda, AC, Gumla. The representative of Regional Office SPCB was also present. The issues raised during Public Hearing were discussed during the Meeting, which inter-alia, included, local employment, regular water spraying to prevent pollution and socio economic development i.e. water facilities, medical and education etc. As per the villager's requirements, it was informed by the Proponent that they would prefer to take care of local employment, assistance in medical, drinking water and education facilities etc. These have been incorporated in the action plan with budgetary provisions.

The total capital cost of the project is Rs. 8.75 Crores. The Proponent has earmarked Rs. 3.35 Crores towards Environmental Protection Measures Proponent informed that about 3.0 ha land with 6000 samplings will come under greenbelt development plan. Total Rs. 86 Lakhs has been spent for the rural and community development activities during the period of 2005-2013. Proponent has informed that there is no court case/litigation pending against the mining project.

After deliberations by the EAC in its meeting held during December 16-17, 2013, the Committee deferred the proposal and sought the following information/clarifications:

- (i) The details of land use plans as mentioned in the earlier EC are not consistent with the Mining Plan. The Committee was of the view that PP has to submit detailed land use plan and Revised Questionnaire;
- (ii) Details of R&R plan need to be submitted;
- (iii) Details of precautions for protection of Chirodh PF which is adjacent to the mine lease area to be provided;
- (iv) Details of impacts due to other mining activity need to be provided;

- (v) Detailed analysis Report with regard to contamination of crop planted i.e. potato need to be submitted; and
- (vi) The Committee pointed out the deficiencies as stated in the certified compliance Report of Regional Office and as discussed the same. In this context, PP needs to submit the details of remediation of the above mentioned deficiencies, which may be verified by the RO and a fresh compliance Report, may please be submitted by the RO accordingly.

The Project Proponent vide letter dated October 16, 2014 has submitted the above mentioned information and the point wise replies to the queries are given below:

- (i) With regard to land use plan, PP mentioned that Land use reported in the earlier Environmental Clearance dated 14th August 2005 was from the approved mining scheme of the project vide dated 12th April 2005, whereas land use plan given in Questionnaire was from the revised Mining Plan. Revised Mining Plan approved by Controller of Mines, IBM dated 22nd July 2011. Besides, break up of mining lease area (in ha) as per the approved conceptual plan as required in Questionnaire has also been submitted.
- (ii) With regard to details of R&R plan, PP mentioned that there is no displacement of people is involved due to the project. Land acquired is duly compensated as per State Govt. directives from time to time.
- (iii) With regard to details of precautions for protection of Chirodh PF, PP mentioned that Chirodh PF will be protected by fencing around the forest boundary as well as guarding from trespassers. As on date fencing adjacent to lease boundary of Chirodh PF has been done by barbed wire. Length of fencing is around 400 mtrs (in 3 places) for which total expenditure of Rs. 40,000/- is involved: -
- (iv) With regard to impacts due to other mining activity, PP mentioned that the cumulative incremental concentration of PM₁₀ due to the mines in study area is observed to be 40 µg/m³ considering the worst case scenarios that all the four mines are under operation without any control measures in place. The Particulate Matter emissions due to the existing mines are already covered in baseline air quality. With the implementation of all the control measures, the incremental concentrations at the lease boundaries will be about 4.3 µg/m³.
- (v) Heavy metal concentrations in potato with respect to 19 metals were analysed. As per Food Safety and Standards Authority of India, the standards for various metals in foods not specified. It is observed that Lead and Zinc concentrations are higher than the limits.

(vi) Regional Office Bhubaneswar vide letter dated 14.10.2014 has submitted the certified compliance Report on the observation made by EAC as mentioned above. The Committee discussed the comments of Regional Office and was satisfied.

The Committee deliberated at length and **recommended** the Proposal for environmental clearance for enhancement of Bauxite Production Capacity from 0.15 million TPA to 0.3 million TPA (ROM).

The Committee **recommended** additional specific conditions viz. (i) A study from an Institution of Repute may be conducted on the impact of Bauxite dust on Crop Productivity for agricultural land located around mines and mitigation measures to be implemented by PP to reduce the impact; (ii) Recommendation by the Institute for Crops most suited in this environment and training to the farmers to switch over to new cropping system which will sustain nutrient loading; (iii) Implementation of the Recommendations of National Institute of Miners Health for ensuring good occupational environment for mine workers; (iv) Use of mechanical devices with total mechanization and reducing use of explosives; (v) Concurrent reclamation of mined out areas; (vi) Use of effective sprinkler system to suppress fugitive dust on haul road and other transport road and comprehensive study for slope stabilization of mine benches and OB dumps in one year; (vii) Implementation of Action Plan on the Issues raised during Public Hearing; (viii) Implementation of Recommendations of Compliance Report by RO; (ix) Washing of all transport vehicle should be done inside the mining lease; and (x) A comprehensive ore evacuation plan for all existing mines of the PP in the area may be made by streamlining transport of ore based on proper study.

(2.5). Renewal and Enhancement of production capacity of Soapstone & Dolomite to 2,20,000 TPA (ROM) (Soapstone 20,000 TPA and Dolomite 2,00,000 TPA) by M/s S. Sohan Singh Joginder Singh & Co., located at Village Semal, Tehsil Girwa, Distrit Udaipur, Rajasthan (405.462ha) (Consultant: Apex Mintech Consultants, Rajasthan)-EC

The Proposal of M/s S. Sohan Singh Joginder Singh & Co. is for renewal of mine lease which fall due in 2011 and enhancement of production of soapstone and dolomite to 2,20,000 TPA [Soapstone 20,000 TPA (ROM) and Dolomite 2,00,000 TPA (ROM)]. The mine is located at Village Semal, Tehsil Girwa, Distrit Udaipur, Rajasthan in the mine lease area of 405.462ha.

The proposal was considered by the Expert Appraisal Committee (Mining) in its meeting held during December 22-24, 2010 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by the Ministry vide letter no. -11015/324/2010 – IA.II (M) dated 20th January 2011. The proponent

submitted the EIA/EMP Report to the Ministry for seeking environmental clearance after conducting public hearing.

The proposal was earlier considered in the EAC meeting held during January 16-18, 2013 wherein the Committee recommended the proposal. On perusal, it is noted that the certified compliance Report of earlier EC condition has not submitted by the PP. Accordingly the RO was requested to provide the certified compliance Report. Based on the compliance Report submitted by RO, the proposal was placed in the EAC meeting held during December 16-17, 2013 wherein the PP requested to defer the proposal. Further, on the request of PP, the proposal is considered in this present meeting.

Mining lease having an area of 405.462 ha was granted w.e.f. 1.11.1971. No forest land is involved. This lease surrounds another lease of the same lessee i.e. Kalora mining lease from three sides. Presently, the working is in progress in both Semal and Kalora mines of the lessee. The major part of the mining activities is confined in one pit, though many other pits are existing in Semal mining lease. The main pit falls in both Kalora and Semal mines. All the infrastructure of both the leases like Office, Workshop, Staff Quarter, V.T. Centre, Magazine, ANFO mixing shed and other infrastructure falls in Semal mine.

Ministry of Environment & Forests granted Environment Clearance for both the mining leases (Kalora & Semal) by a single order No. J-11015/163/2004 IA. II (M) dated 17.2.2005 for a combined production of 37,500 M.T. of Soapstone & 3,30,000 M.T. per year Dolomite. Consequently, on the present occasion of Mining Lease falling due for renewal, the lessee approached MoEF for a combined E.C. as it was granted earlier. The presentation for getting TOR was made on 17.9.2009, however the lessee was directed to apply for TOR for each of the two mines i.e. Kalora and Semal separately. The lessee acted accordingly and put up a separate application for E.C. of Kalora mines to the State Level Expert Appraisal Committee and completed all the prerequisites for E.C. of Kalora mine, which was granted by SEIAA, Rajasthan on 23.5.2010 vide letter no. F1 (4)/SEIAA/SEAC-Raj/Sectt./Project/Cat. 1(a) B1.(224)/10-11. They are seeking TOR and EC for the Semal M.L. renewal from MoEF, for which purpose, they have submitted the requisite Form I and Feasibility Reports. Ambient Air Quality data was carried for the month of March, April and May, 2011. It was recorded that the Ambient Air Quality data was within permissible limits. Public Hearing was conducted on 13.09.2011 and issues raised by public were addressed by the project proponent with commitment for implementation.

It was observed by the Committee that (i) the AAQ samples, especially SOX and NOX were analysed after 25 days of collection (ii) details on the CSR activities with budgetary provision was not provided (iii) details of outside lease area in between Western and Eastern side of the lease was not provided in Conceptual Plan.

Committee asked Proponent to furnish this information within two days after presentation.

Vide letter dated 17.01.2013 PP submitted requisite clarification to MoEF. The letter clarifies the above issues as (i) a map on topo sheet was submitted showing core and buffer zone of 10 km radius showing western and eastern side barren without any habitation (ii) Details of CSR activities with budgetary provision was submitted (iii) clarification about analysis of AAQ was given in which PP stated that there was a typographical mistake which may please be rectified. Based on the presentation made and discussion held in its meeting held during January 16-18, 2013, the Committee recommended the project for environmental clearance.

The Regional Office, MoEF vide letter dated 02.06.2014, has forwarded the Certified Compliance Report of the earlier EC dated 07.02.2005. The Committee deliberated at length and **recommended** the Proposal for environmental clearance for renewal and enhancement of production capacity of Soapstone & Dolomite to 2,20,000 TPA (ROM) (Soapstone 20,000 TPA and Dolomite 2,00,000 TPA) **subject to submission** Approved Schedule-I species specific conservation Plan duly approved by the Chief Wild Life Warden.

Further, the Committee also **recommended specific conditions** viz. (i) A study from an Institution of Repute may be conducted on the impact of Dolomite dust on Crop Productivity for agricultural land located around mines and mitigation measures to be implemented by PP to reduce the impact; (ii) Recommendation by the Institute for Crops most suited in this environment and training to the farmers to switch over to new cropping system which will sustain nutrient loading; (iii) Implementation of the Recommendations of National Institute of Miners Health for ensuring good occupational environment for mine workers; (iv) Use of dry fog sprinkler system to suppress fugitive dust on haul road and other transport road; (v) Implementation of Action Plan on the Issues raised during Public Hearing; and (vi) Implementation of Recommendations of RO, Lucknow on Compliance Report of earlier EC.

CONSIDERATION OF TOR/EC PROPOSALS

(2.6). Jogiyara Sand and Boulder Mining Project with production capacity 1,85,600TPA (ROM)of M/s Grahwal Mandal Vikas Nigam Ltd., located at Tehsil Yamkeshwar, Distt. Pauri Garhwal, Uttarakhand-TORs

The Committee deferred the proposal as the PP did not attend the meeting.

(2.7). Masonry Stone Mining Project (M.L.No.-06/2013) with production capacity 1,11,750 TPA (ROM) by M/s Hitesh Goyal S/o Shri Surendra Goyal, located at near village - Jugalpura, Tehsil - Neem Ka Thana, District – Sikar, Rajasthan. (1.0 Ha.)

The Proposal of M/s Hitesh Goyal S/o Shri Surendra Goyal is for Masonry Stone (Minor Mineral) Mining Project with production capacity of 1,11,750 TPA (ROM) (M.L.No.-06/2013, Area – 1.0 ha). The Mine is located at village Jugalpura, Tehsil – Neem Ka Thana, District - Sikar, Rajasthan. The geographical extents of mining lease area are: Latitudes: 27°33'37.09" to 27°33'40.9" N, Longitudes: 75° 56' 54.42" to 75° 56'59.69" E. This is a category 'B2' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF & CC.

The mining lease is granted in favour of Shri Hitesh Goyal S/o Shri Surendra Goyal, R/o Village Jaitaran, Tehsil Jaitaran, District Pali (Rajasthan) vide letter no.- ME/ Sikar/ Minor/ M.L. –6/2013/ 7609 Dated 10.06.2013. Method of mining will be opencast semi mechanized. The total mineable reserves are 5,00,000 tonnes. Life of mine is 5 years @ 1,11,750. At the end of life of mine, total excavated area will be 0.82 ha, which will be converted into water reservoir and 0.18 ha will be planted in the lease area. Total water requirement for the project will be 1.0 KLD which will be used for domestic as well as dust suppression purposes and sourced from nearby village. Ultimate working depth is at 380 m RL. Ground water table of lease area is at 370-365 mRL (50-55mBGL). Hence Mining will not intersect groundwater table. There is no National Park, Wild Life sanctuaries, Biosphere Reserves, Tiger Reserves, Wild life Corridors etc. within 10 km radius. The cost of the project is 50 Lacs and Environment Protection Cost is 1 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighbour-hood including provisions for providing alternate grazing land to the villagers; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.8). Marble Mining Project, (M.L. No. 32/2013) with production capacity of 62,820 TPA (ROM) of Marble by M/s Shri Ravindra Agarwal, located at Near Village- Chadwas, Tehsil– Sujangarh, District–Churu, Rajasthan (4.0 ha)

The proposal of Shri Ravindra Agarwal S/o Shri Manghiram Agarwal for Marble Mining Project (ML area 4.0 ha) with production capacity of marble 62,820 TPA (ROM). The mine is located near village Chadwas, Tehsil: Sujangarh, District: Churu (Rajasthan). The geographical extends of mining lease area are: Latitudes - 27°45'37.5" N to 27°45'46.4" N; Longitudes - 74°21'46.7"E - 74°21'55.8"E and is covered by Survey of India Toposheet No. 45I/5, 45 I/6. 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 4.0 ha which is a private land. The original grant of mining lease in favor of Shri Ravindra Agarwal. Registration of mining lease made on 3/10/2013. Lease period of 30 years w.e.f. 04/10/2013. Presently mine is non-operational. The Mining plan with progressive mine closure plan has been approved by SME, Bikaner Circle, Bikaner vide letter no. SME/BKN/CC-II/M.P./M.L. 32/13/4123 dated 30/09/2013 in favor of Shri Ravindra Agarwal S/o Shri Manghiram Agarwal. The excavated area about 3.41 ha, out of which area about 2.91 ha will be used in backfilling & reclaimed by plantation and area about 0.50 ha converted in to water reservoir and rest area used as plantation along the periphery of the lease.

Mining will be carried through opencast semi mechanized method. Blasting will be carried out only as and when required. It is reported by the PP that total mineable reserves are 30,00,000 Tonnes. Life of mine is 47 years @ 62,820 TPA. Bench height will be 6 m & width 6 m. Total water requirement will be 10.0 KLD which will be met through tanker supply from nearby villages. Ultimate working depth is 25 m. The estimated cost of the project is Rs. 30 crore and cost for Environmental Protection Measures are Rs. 2.5 lac as capital cost and Rs. 1.50 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.9). Minor Mineral Limestone (Building Stone) M.L. No. –02/2013 Mining with production capacity 3,75,612 TPA (ROM) of M/s Deejay Mining & Exports (P) Limited, located at Village Durajanpur, Tehsil Ramganjmandi, Distt. Kota, Rajasthan (4.0ha.) (Consultant - Enkay Enviro Services Pvt. Ltd., Jaipur)

The proposal is of M/s Deejay Mining & Exports (P) Ltd., Bazar No. 1 Tehsil: Ramganj Mandi; District: Kota (Rajasthan) for Limestone Mine with production capacity of 3,75,612 TPA of ROM in the mine lease area of 4.0 ha. The mine is located at Khasra No. – 39,40,44,45,46,47,50,51,56,58,59 Village – Durjanpura, Tehsil - Ramganj Mandi, District –Kota, Rajasthan for an area of 4.0 ha. The geographical co-ordinates of the site are Latitude: 24°37'39.50" to 24°38'4.7"N and Longitude: 75°59'55.2" to 75°59'40.8" E and is covered by Survey of India Toposheet No. 45P/ 14. This is a category "B" project as the tenure of SEIAA, Rajasthan has expired and the proposal is being examined in the MoEF&CC.

The Mining Lease area of 4.0ha which is Khatedari land. The Mining Plan along with Progressive Mine Closure Plan has been approved by SME/Kota/CC-II/MP/13/7159 dated 15.07.2013 under RMMC Rules. Mining will be carried out through semi - mechanized open-cast method. Blasting is required only for removing of overburden and controlled blasting will be adopted. It was reported by the Project Proponent that total waste of about 15,22,849 cu.m. would be generated during the first five year. The generated waste will be used in the road maintenance and backfilling. The total water requirement for the project will be 12.0 KLD, which will be met from stored rain water in mines pits of ASI Company. Life of mine is 7.0 years. The Letter of Intent has been issued in favour of Deejay Mining & Exports (P) Ltd. vide letter dated 19.07.2013.

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. 2.0 crore and cost for Environmental Protection Measures are Rs. 1.0 lac as capital cost and Rs. 1.00 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted; and
- (ii) Year wise production details of minerals since 14.09.2006.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.10). Masonry Stone (Cheja Pathar) Mining Project (ML No 194/05, ML Area: 1 ha) with production capacity 1,50,000 TPA (ROM) of Masonary Stone by M/s Shri Manoj Kumar, located at Near Village: Bhudoli (Khora), Tehsil-Neem Ka Thana, District- Sikar Rajasthan (1.00 ha)

The proposal of M/s Shri Manoj Kumar is for Mining of Cheja Pathar (Masonry Stone) (M.L. No. 194/2005, M.L. Area 1.0 ha,) with proposed production capacity of 1, 50,000 TPA). The mine is located at Near Village: Bhudoli (Khora), Tehsil –Neem Ka Thana, District-Sikar (Rajasthan). The geographical extends of mining lease area are: : Latitude 27°39'43.13"N to 27°39'46.49"N, Longitude - 75°46'26.82"E to 75°46'30.52"E and is covered by Survey of India Toposheet No. 45 M/13. 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 1.0 ha which is Government waste (Non forest) land. The mining lease grant in favour of Shri Ashish Singh Katewa S/o Shri Surendra Singh Katewa, R/o 38- Kanti Nagar Near Polo victory Jaipur, (Rajasthan) on 25/09/2006 and Mining lease transfer in favour of Shri Manoj Kumar S/o Shri Ram Kumar. The Consent to Operate has been issued by Rajasthan State Pollution Control Board, vide letter no. F(Mines)/Sikar(Neem ka Thana)/303(1)/2009-2010/442-443 dated 14/06/2013.

The mining will be done by open cast semi mechanized method using drilling, blasting of small diameter holes and loading of mineral by tyre mounted excavator. Controlled blasting by adopting all the safety measures as per mines act and with the permission of DGMS. Out of the total 1.0 ha lease area, about 0.80 area will be excavated and will be converted as water reservoir and remaining 0.20 ha will be used in Green belt on around the lease. It was reported by the Project Proponent that at the conceptual stage, total waste material will be sold to road construction vendors. Total water requirement for the project will be 2.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 25 mRL (Mining will not intersect groundwater table level). Ground water table is 60-65 m bgl. Life of mine is 5 years @ 1,50,000 TPA. The estimated cost of the project is Rs. 10 Lakh and cost for Environmental Protection Measures are Rs. 0.5 Lakh as capital cost and Rs. 0.50 Lakh 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;

- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.11). Minor Mineral Limestone (Building Stone) (ML No. 04/2010) with production capacity 2,10,118 TPA (ROM) by M/s Status Impex Private Limited, located at Village Kumbklot, Tehsil Ramganj Mandi, Distt. Kota, Rajasthan. (4.5058 ha.)-Consultant - Enkay Enviro Services Pvt. Ltd., Jaipur)

The proposal of M/s Status Impex (P) Limited is for Limestone Mine with production capacity of 2,10,118 TPA of ROM in the mine lease area of 4.5058 ha. The mine is located at Khasra No. – 236, 241, 242, 243, 244, 245, 248, 253, 254, 255, 256, 257, 258 Village – Kumbhkot, Tehsil - Ramganj Mandi, District –Kota, Rajasthan for an area of 4.5058 ha. The geographical co-ordinates of the site are Latitude: 24°37'32.30" to 24°37'34.8"N and Longitude: 75°59'57.2" to 75°59'57.2" E and is covered by Survey of India Toposheet No. 45P/ 14. 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.

The Mining Lease area of 4.5058 ha. is Khatedari land (4.0848 ha.) and government land (0.4210 ha.). The Mining Plan along with Progressive Mine Closure Plan has been approved by SME/ KOTA/CC-I/MP/13-14/1670 dated 07.03.2014 under RMMC Rules. Mining will be carried out through semi - mechanized open-cast method. Blasting is required only for removing of overburden and controlled blasting will be adopted. It was reported by the Project Proponent that total waste of about 9,56,652 cu.m. would be generated during the first five year. The generated waste will be used in the road maintenance and backfilling. The total water requirement for the project will be 10.0 KLD, which will be met from stored rain water in mines pits of ASI Company. Life of mine is 09.0 years. The Letter of Intent has been issued in favour of M/s Status Impex (P) Limited. vide letter no. vEv@ कोटा-व्रत/प -269(2010)/ 1008 dated 07.02.2014.

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. 2.0 crore and cost for Environmental Protection Measures are Rs. 1.0 lac as capital cost and Rs. 1.00 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted; and
- (ii) Year wise production details of minerals since 14.09.2006.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.12) Minor Mineral Limestone (Building Stone) with production capacity 3,35,724 TPA (ROM), lease area 4.0 ha. (M.L. No. – 05 / 2013) by M/s Deejay Mining & Exports (P) Limited, located at near Village – Kumbhkot, Tehsil – Ramganj Mandi, District - Kota, Rajasthan. Consultant - Enkay Enviro Services Pvt. Ltd., Jaipur)

The proposal is of M/s Sampoorna Exports (P) Limited, Bazar No. 1 Tehsil: Ramganj Mandi; District: Kota (Rajasthan) for Limestone Mine with production capacity of 3,35,724 TPA of ROM in the mine lease area of 4.0 ha. The mine is located at Khasra No. – 220, 222, 227, 228, 236, 236, 236/717, 237, 237/718, 238, 242 Village – Kumbhkot, Tehsil - Ramganj Mandi, District –Kota, Rajasthan for an area of 4.0 ha. The geographical co-ordinates of the site are Latitude: 24°37'38.95" to 24°37'52.8"N and Longitude: 75°59'48.88" to 75°59'47.40" E and is covered by Survey of India Toposheet No. 45P/ 14. 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.

The Mining Lease area of 4.0ha. is Khatedari land. The Mining Plan along with Progressive Mine Closure Plan has been approved by SME/ KOTA/SME,MP/13/7470 dated 19.07.2013 under RMMC Rules. Mining will be carried out through semi - mechanized open-cast method. Blasting is required only for removing of overburden and controlled blasting will be adopted. It was reported by the Project Proponent that total waste of about 14,96,536 cu.m. would be generated during the first five year. The generated waste will be used in the road maintenance and backfilling. The total water requirement for the project will be 12.0 KLD, which will be met from stored rain water in mines pits of ASI Company. Life of mine is 7.0 years. The Letter of Intent has been issued in favour of M/s Sampoorna Exports (P) Limited. vide letter no. vEv@ कोटा-व्रत/प -71(2013)7561 dated 23.07.2013. 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. 2.0 crore and cost for Environmental Protection Measures are Rs. 1.0 lac as capital cost and Rs. 1.00 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted; and
- (ii) Year wise production details of minerals since 14.09.2006.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.13) Masonry Stone and G.S.B. Mine with production capacity 1,20,000 TPA (ROM) by M/s Zignego Company INC & GHV (India) Pvt. Ltd. (Khasra No. – 1147/ 780, 1148/ 780, 1150/ 780, 1153/ 780), located at Village – Chavandiya, Tehsil – Kotri, District – Bhilwara, Rajasthan (0.7917 ha) (Consultant - Enkay Enviro Services Pvt. Ltd., Jaipur)

The proposal is of M/s Zignego Company INC & GHV (India) Pvt. Ltd. for Masonry Stone and G.S.B. Mine with production capacity of 1,20,000 TPA in the mine lease area of 0.7917 ha. The mine is located at Khasra No. – 1147/ 780, 1148/ 780, 1150/ 780, 1153/ 780, Village – Chavandiya, Tehsil – Kotri, District – Bhilwara, Rajasthan. The geographical co-ordinates of the site are Latitude: 25°19'45.40" to 25°19'49.50" N and Longitude: 74°45'51.0" to 74°45'54.7" E and is covered by Survey of India Toposheet No. 45 K/15. This is a category "B" project as the tenure of SEIAA, Rajasthan has expired and the proposal is being examined in the MoEF&CC.

The Mining lease area of 0.7917 ha. is private khatedari land. The Simplified Mining Scheme has been approved by Mining Engineer, Department of Mines and Geology, Bhilwara. Mining will be carried out through semi - mechanized open-cast method. Blasting is required only for removing of overburden. It was reported by the Project Proponent that total waste of about 10,525.8 T would be generated during the first five year. The generated waste will be used for construction of National Highway. The total water requirement for the project will be 5.0 KLD, which will be met through tanker supply from nearby villages. Life of mine is 2.5 years. A letter has been obtained addressed by the Mining Engineer from the Office of DMG, Bhilwara in favor of M/s Zignego Company INC & G.H.V. (India) Pvt. Ltd. vide letter dated 14.05.2014 to excavate the mineral masonry stone and G.S.B. 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. 30 Lacs and cost for Environmental Protection Measures are Rs. 75,000 as capital cost and Rs. 50,000 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted; and
- (ii) Year wise production details of minerals since 14.09.2006.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.14) Granite Mine by M/s Shree Bhagwati Granite Pvt. Ltd. (ML No. – 531/12), located at Village – Sakadara, Tehsil & District – Pali, Rajasthan (3.0 ha) (Consultant - Enkay Enviro Services Pvt. Ltd., Jaipur)

The proposal is of M/s Shree Bhagwati Granite Pvt. Ltd. for Granite Mine with production capacity of 80,035 TPA in the mine lease area of 3.0 ha. The mine is located at Khasra No. – 364/ 7, 368/ 7, Village - Sakadara, Tehsil & District – Pali, Rajasthan for an area of 3.0ha. The geographical co-ordinates of the site are Latitude: 25°34'24.2" to 25°34'33.95" N and Longitude: 73°03'18.65" to 73°03'22.39" E and is covered by Survey of India Toposheet No. 45G/ 2. 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.

The Mining Lease area of 3.0ha which is private waste land. The Mining Plan along with Progressive Mine Closure Plan has been approved by SME/ JDR vide letter no. 2488 - 2492 dated 07.03.2013 under RMMC Rules. Mining will be carried out through semi - mechanized open-cast method. Blasting is required only for removing of overburden and controlled blasting will be adopted. It was reported by the Project Proponent that total waste of about 4,44,435 tonnes would be generated during the first five year. The generated waste will be used in the road maintenance and stacking in the dump. The total water requirement for the project will be 6.0 KLD, which will be met through tanker supply. Life of mine is 8.0 years. The Letter of Intent has been issued in favour of M/s Harikripa Granite Pvt. Ltd. vide letter dated 28.01.2013. 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. 1.50 lac as capital cost and Rs. 1.00 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted; and
- (ii) Year wise production details of minerals since 14.09.2006.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.15) Soil Mine (Minor Mineral) with production capacity 50,000 TPA (ROM) by M/s Zignego Company INC & GHV (India) Pvt. Ltd., (Khasra No. – 377/266), located at Village – Bhar Ji Ka Khera, Tehsil – Mandalgarh, District – Bhilwara, Rajasthan (0.9931 ha) (Consultant - Enkay Enviro Services Pvt. Ltd., Jaipur)

The proposal is of M/s Zignego Company INC & GHV (India) Pvt. Ltd. for Soil Mine with production capacity of 50,000 TPA in the mine lease area of 0.9931 ha. The mine is located at Khasra No. – 377/266, Village – Bhar ji ka khera, Tehsil – Mandalgarh, District – Bhilwara, Rajasthan. The geographical co-ordinates of the site are Latitude: 25°11'12.6" to 25°12'15.7" N and Longitude: 75°06'45.6" to

75°06'50.1" E and is covered by Survey of India Toposheet No. 45 O/4. This is a category "B" project as the tenure of SEIAA, Rajasthan has expired and the proposal is being examined in the MoEF&CC.

The Mining lease area of 0.9931 ha. is Private land. The Simplified Mining Scheme has been approved by M.E., DMG, Bijauliya (Bhilwara). Mining will be carried out through semi - mechanized open-cast method. No Drilling and blasting will be done for soil mining. It was reported by the Project Proponent that there will not be any waste generation. The generated waste will be used for construction of National Highway. The total water requirement for the project will be 5.0 KLD, which will be met through tanker supply from nearby villages. Life of mine is 2.0 years. Letter of Intent has been obtained from the Office of DMG, Bijauliya, Bhilwara in favour of M/s Zignego Company INC & G.H.V. (India) Pvt. Ltd. vide letter dated 18.07.2014 to excavate the mineral soil. 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. 30 Lacs and cost for Environmental Protection Measures are Rs. 75,000 as capital cost and Rs. 50,000 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted; and
- (ii) Year wise production details of minerals since 14.09.2006.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.16). Quartzite & Cheja Pathar (Masonry Stone) Mining Project [M.L. No. 323/2004] with production capacity 2,00,000 TPA (ROM) by M/s Subhash Chand S/o Shri Shivcharan Dagar, located at Village: Nangliya Gujarwas, Tehsil: Kherti, District Jhunjhunu, Rajasthan (1.0ha.)

The proposal of M/s Subhash Chand is for Quartzite & Cheja Pathar (Masonry Stone) Mining Project (M.L. No. 323/2004, M.L. Area 1.0 ha,) with proposed production capacity of 2,00,000 TPA (ROM) of Quartzite & Cheja Pathar (Masonry Stone). The mine is located at Near Village: Nanglia Gujarwas, Tehsil –Khetri, District- Jhunjhunu (Rajasthan). The geographical extends of mining lease area are: : Latitude 27°58'28.05"N to 27°58'32.42"N, Longitude - 75°54'12.84"E to 75°54'18.59"E and is covered by Survey of India Toposheet No. 45 M/13. 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 1.0 ha which is Government waste (Non- forest) land. The mining lease grant in favour of Shri Rohitash Kumar Gujar S/o Shri Manglaram Gurjar, R/o Badalwas Tehsil Khetri, District: Jhunjhunu (Rajasthan) on 6/09/2005 and Mining lease transfer in favour of Shri Subhash Chand S/o Shri Shivcharan Dagar. The simplified Mining Scheme has been approved by Superintendent Mining Engineer, Department of Mines and Geology, Jaipur Circle, Jaipur vide letter no. SME/JAI/Mining Plan/ P-181/14/766 dated 25.04.2014. The mining will be done by open cast semi mechanized mining method by drilling, blasting of small diameter holes and loading of mineral by tyre mounted excavator. Controlled blasting by adopting all the safety measures as per mines act and with the permission of DGMS.

PP reported that out of the total 1.0 ha lease area, about 0.94 area will be excavated and will be converted as water reservoir and remaining 0.06 ha will be used in Green belt on around the lease. Total water requirement for the project will be 2.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 25 mRL (Mining will not intersect groundwater table level). Ground water table is 70-80 m bgl. Life of mine is 4 years @ 2, 00,000 TPA. The estimated cost of the project is Rs. 10 Lakh and cost for Environmental Protection Measures are Rs. 0.5 Lakh as capital cost and Rs. 0.50 Lakh 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.17). Bajri Mining Project with production capacity 1,10,000 TPA (ROM) (M.L. No. 30/2012) by M/s Smt. Baya Devi, located at near villages-Firozpura Charna, Tehsil & District-Nagaur, Rajasthan (2.1577ha).

The proposal of M/s Smt. Baya Devi is for Bajri Mining Project with production capacity 1,10,000 TPA (ROM) in M.L. No. – 30/2012, M.L Area 2.1577 ha. The mine

lease is located Near Village – Firozpura Charna, Tehsil & District - Nagaur (Rajasthan). The geographical extends of mining lease area are: Latitude : 26°59'24.71"N to 26°59'28.79"N, Longitude: 73°56'6.86"E to 73°56'14.47"E.

The mining lease grant in favour of Smt. Baya Devi, W/o Shri Sukh Ram Khoja, Village - Gagwana, Tehsil & District – Nagaur (Rajasthan) over an area of 2.1577 hectares by State Govt. Department of Mines and Geology letter No. AME/Ajm/Minor/Nagaur/M.L-30/2012/4170 dated 30-12-2013. Senior Geologist, Nagaur, vide letter dated 16.05.2013 confirmed that it is Friable sandstone deposit i.e. Bajri found in privately owned land. Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 1213707.5 Tones. Life of mine is 11 years @ 1,10,000 TPA. A void of 1.90 ha at a depth of 12m which is proposed to be converted into a water body. Total water requirement for the project will be 4.5 KLD. The cost of the project is 30 Lacs and Environment Protection Cost is 5.5 Lac per annum. There is no court case/ litigation pending against the project and no violation.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;

- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.18). Cheja Pathar (Masonry Stone) Mine with production capacity 1,50,000 TPA (ROM) (M.L. No. 274/05) by M/s Chevron Minerals & Mines Pvt. Ltd., located at Village – Bukri ki Dhani, Tehsil – Khetri, Distt. – Jhunjhunu, Rajasthan (1.0 ha)

The proposal of M/s Chevron Minerals & Mines Pvt. Ltd. is for Cheja Patthar (Masonry Stone) Mining Project (ML area 1.0 ha) with production capacity of Cheja Patthar 1,50,000 TPA (ROM). The mine is located at village: Bukri Ki Dhani (Tan Papurna), Tehsil –Khetri, District-Jhunjhunu (Rajasthan). The geographical co-ordinates of site area are: Latitude 27°55'13.67"N to 27°55'19.79"N, Longitude - 75°49'01.37"E to 75°49'06.46"E and is covered by Survey of India Toposheet No. 45 M/13. 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 is of 1.0 ha which is a Govt. Waste land (Non-forest). The original grant of mining lease in favor of Shri Rajesh Chauhan S/o Shri Sharvan Singh Chauhan was sanctioned on 09/10/2006. Registration of lease agreement made on 16/10/2006. Lease period of 20 years w.e.f. 09/10/2006. Title transfer in favor of present lease by order dated 16/06/2009. Lease deed executed on dated 10/07/2009. Consent to operate has been issued by Rajasthan State Pollution Control Board, vide letter No. F(Mines)/Jhunjhunu(Khetri)/23(1)/2008-2009/1366-1368 dated 16/09/2009.

The Simplified Mining Scheme has been approved by Superintending Mining Engineer, circle, Jaipur Circle in favor of M/S Chevron minerals and Mines Pvt. Ltd. on dated 02/05/2014. Out of the total 1.0 ha lease area, about 0.80 area will be excavated and will be converted as water reservoir and remaining 0.20 ha will be used in Green belt on around the lease. Mining will be carried through opencast semi mechanized method. Blasting will be carried out only as and when required. It is reported by the PP that total mineable reserves are 831735 Tonnes. Life of mine is 6

years @ 150000 TPA. Bench height will be 6 m & width 6 m. It is reported by the PP total waste material will be sold to road construction vendors. Total water requirement will be 3.0 KLD which will be met through tanker supply from nearby villages. Ultimate working depth is 25 m. The estimated cost of the project is Rs. 10 Lacs and cost for Environmental Protection Measures are Rs. 0.5 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ;
- (v) Association submitting a letter to the Mines Department/SPCB for initiation of cluster EIA and Regional EMP in respect of all mines in this area; and

(vi) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.19). Cheja Pathar (Masonry Stone) with production capacity 1,50,000 TPA (ROM) (M.L. No. 338/2005) by M/s Shri Vijendra Singh S/o Shri Bahadur Singh, located at Village - Bukri ki Dhani, Tehsil – Khetri, Distt. – Jhunjhunu, Rajasthan (1.0 ha)

The proposal of M/s Shri Vijendra Singh is for mining of Cheja Pathar (Masonry Stone) with production capacity 1,50,000 TPA (ROM) in M.L. No. 338/2005, ML Area 1.0 ha. The mine is located at Near Village: Bukri ki dhani (Tan Papurna), Tehsil - Khetri, District Jhunjhunu (Rajasthan). The geographical extends of mining lease area are: Latitude: 27°55'18.40"N to 27°55'23.23"N, Longitude: 75°49'1.69"E to 75°49'6.71"E and is covered by Survey of India Toposheet No. 45 M/09. 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 1.0 ha which is Government waste (Non forest) land. The mining lease was granted in favour of Smt. Laxmi Kumari w/o Shri Prem Singh Chauhan R/o- Bardod Tehsil-Bahrod District- Alwar (raj) on 13/10/2006. The mining lease was transferred in favor of Shri Vijendra Singh S/o Shri Bahadur Singh, R/o B-2 Sainik Basti, and Tehsil & District- Churu on 10/07/2009. Consent to operate has been issued by Rajasthan State Pollution Control Board, vide letter no. F (Mines)/Jhunjhunu (Khetri)/24(1)/2008-2009/1396-1398 dated 16/09/2009.

The simplified Mining Scheme has been approved by Superintendent Mining Engineer, Department of Mines and Geology, Jaipur Circle, Jaipur vide letter no. SME/JAI/Mining Plan/ P-581/13/944 dated 02.05.2014. Mining will be carried out through semi-mechanized open-cast method. Blasting shall be done on contractual basis by license person/agency with controlled blasting by adopting all the safety measures as per mines act and with the permission of DGMS. At the end of life of mine, total excavated area will be 0.72 ha which will be converted into water reservoir and rest area about 0.28 ha will be used in plantation on periphery of the lease boundary. It was reported by the Project Proponent that at the conceptual stage, total waste material of about 16380 cum which also be sold as second grad mineral. Excavated area will be converted in water reservoir at the end of life of mine. Stripping ratio is 1:0.03.

Total water requirement for the project will be 3.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 30 mbgl. (Mining will not intersect groundwater table level). Life of mine is 5 years @ 1,50,000 TPA. The estimated cost of the project is Rs. 10 Lakh and cost for Environmental Protection Measures are Rs. 0.50 Lakh as capital cost and Rs. 0.50 Lakh 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.20). Granite Mine with production capacity 60,000 TPA (ROM) [M.L. No. 24/2013 & MLA 3.0ha] by M/s Sh. Vijay Kumar Soni, located at Village – Jotaya, Tehsil – Sarwar, Distt. – Ajmer, Rajasthan (3.0 ha)

The proposal of M/s Sh. Vijay Kumar Soni is for mining of Granite (Minor Mineral) with production capacity 60,000 TPA (ROM) in M.L. No. – 24/2013 & M.L. Area-3.0 ha. The mine lease is located Near Village - Jotaya, Tehsil-Sarwar & District –Ajmer, Rajasthan. The geographical extends of mining lease area are: Latitude: 26°6'11.21"N to 26°6'71.72"N N, Longitude: 74°52'9.64"E to 74°52'17.64"E. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF & CC.

Mining lease was grant in favour of Shri Vijay Kumar Soni, R/o- Village-Dodiyana, Tehsil – Degana, District- Nagaur (Rajasthan), vide letter dated 7/8/2013. Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 14, 34, 582 tones. Life of mine is 24 years @ 60,000 TPA. At the end of life of mine, total excavated area will be 1.9125 ha which will converted into water reservoir and 0.9847 ha land will be planted within lease area. Total water requirement for the project will be 5.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 346 mRL (30m BGL). Ground water table of lease area 306-301 (70-75mBGL). Mining will not intersect groundwater table. The cost of the project is 30 Lacs and Environment Protection Cost is 0.60 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of

negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.21). Masonary Stone (Minor Mineral) with production capacity of 30,000 TPA (ROM) [M.L. No. - 418/2010] by M/s Shri Ranjeet Singh, located of village - Telewali Ki Dhani (Tan Toda), Tehsil - Neem Ka Thana, District – Sikar, Rajasthan (1.0 Ha)

The proposal of M/s Shri Ranjeet Singh is for Masonry Stone Mining Project, in M.L. No. – 418/2010, M.L. Area 1.00 ha. The mine lease is located Near Village – Telewali Ki Dhani, Tehsil -Neem Ka Thana, District – Sikar (Rajasthan). The geographical extends of mining lease area are: Latitudes : 27°37'34.89"N to 27°37'43.75"N, Longitudes: 75°54'35.07"E to 75°54'39.92"E. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF & CC.

Mining lease was granted in favour of Shri Ranjeet Singh S/o Shri Hanumana Ram Jat, R/o – Village & Post Lodsar, Tehsil- Sujangarh, District-Churu (Raj.) over an area of 1.00 hectare by Mining Engineer, Mines & Geology Department, Government of Rajasthan, Jaipur vide Letter dated 02/11/2012.

Method of mining will be opencast semi mechanized mining method. The total

mineable reserves are 219915 Tones. Life of mine is 8 years @ 30,000 TPA. At the end of life of mine, total excavated area will be 0.7125 ha. which will be converted into water reservoir and 0.33 ha land will be planted within lease area. Total water requirement for the project will be 5.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 450 mRL (32 mbgl). Ground water table of lease area 440-435 mRL (42-47mBGL). Mining will not intersect groundwater table. The cost of the project is 20 Lacs and Environment Protection Cost is 0.40 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.22). Granite Mining Project with production capacity 50,000 TPA (ROM) (M.L. No.-25/2013) by M/s. Balaji Granites, located at Near village - Katsura, Tehsil - Kishangarh, District - Ajmer Rajasthan (1.8452ha)

The proposal of M/s. Balaji Granites is for Granite Mining Project with production capacity 50,000 TPA (ROM) in M.L. No. – 25/2013, M.L. Area 1.8452 ha. The mine is located Near Village – Katsura, Tehsil -Kishangarh, District – Ajmer (Rajasthan). The geographical extends of mining lease area are: Latitude: 26°29'18.09"N to 26°29'22.17"N, Longitude: 74°58'21.49"E to 74°58'28.9"E. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF & CC.

Mining lease was granted in favour of M/s Balaji Granites, F-208, IV phase, Riico Industrial area, Madanganj, Kishangarh, Distt. Ajmer (Raj.) over an area of 1.8452 hectares by Mining Engineer, Mines & Geology Department, Government of Rajasthan, Jaipur vide Letter dated 13/2/2014. Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 456600 Tones. Life of mine is 9 years @ 50,000 TPA. At the end of life of mine, total excavated area will be 1.530 ha which will converted into water reservoir and 0.1 ha land will be planted inside and 0.4 ha will be planted outside of the lease area. Total water requirement for the project will be 5.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 383mRL (16 mbgl). Ground water table of lease area 359-349 mRL (40-50mBGL). Mining will not intersect groundwater table. The cost of the project is 50 Lacs and Environment Protection Cost is 1.0 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of

negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.23). Cheja Pathar (Masonry Stone) with production capacity 1,50,000 TPA (ROM) (M.L. No.-339/2005) by M/s Shri Vijendra Singh S/o Shri Bahadur Singh, located at Near Village: Bukri ki dhani (Tan Papurna), Tehsil - Khetri, District Jhunjhunu (Rajasthan) (1.0 ha)

The proposal of M/s Shri Vijendra Singh is for Cheja Pathar (Masonry Stone) Mining Project with production capacity 1,50,000 TPA (ROM) in M.L. No. 339/2005 & ML Area 1.0 ha. The mine is located at Near Village: Bukri ki dhani (Tan Papurna), Tehsil - Khetri, District Jhunjhunu (Rajasthan). The geographical extends of mining lease area are: Latitude: 27°55'5.14"N to 27°55'9.72"N, Longitude: 75°48'58.29"E to 75°49'2.42"E and is covered by Survey of India Toposheet No. 45 M/09. 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 1.0 ha which is Government waste (Non forest) land. Mining lease was granted in favour of Smt. Laxmi Kumari w/o Shri Prem Singh Chauhan R/o- Bardod Tehsil-Bahrod District- Alwar (raj) on 13/10/2006. The mining lease was transferred in favor of Smt Shri Vijendra Singh S/o Shri Bahadur Singh, R/o B-2 Sainik Basti, and Tehsil & District- Churu on 10/07/2009. The simplified Mining Scheme has been approved by Superintendent Mining Engineer, Department of Mines

and Geology, Jaipur Circle, Jaipur vide letter no. SME/JAI/Mining Plan/ P-582/13/930 dated 02.05.2014.

Mining will be carried out through semi-mechanized open-cast method. Blasting shall be done on contractual basis by licenses person/agency with controlled blasting by adopting all the safety measures as per mines act and with the permission of DGMS. At the end of life of mine, total excavated area will be 0.72 ha which will be converted into water reservoir and rest area about 0.28 ha will be used in plantation on periphery of the lease boundary. Total water requirement for the project will be 3.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 30 mbgl. (Mining will not intersect groundwater table level). Life of mine is 6 years @ 1,50,000 TPA. The estimated cost of the project is Rs. 10 Lakh and cost for Environmental Protection Measures are Rs. 0.50 Lakh as capital cost and Rs. 0.50 Lakh 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;

(iv) List of wild animals sited in Project area or neighborhood ; and

(v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

Day 2: 25th November, 2014 (Tuesday)

(2.24) Pachayra Sand Mining in River Yamuna of M/s Arvind Dhawan Budh Singh located at Village-Pachayara, Tehsil-Ghaziabad, District Ghaziabad, U.P. (8.91ha)(1.6 lakh TPA)(Consultant: Grass Roots Research & Creation India (P) Ltd.)

The proposal is for opencast Sand Mining with proposed production of 1,60,000 TPA located at Village: Pachayra, Tehsil: Ghaziabad, District Ghaziabad, Uttar Pradesh. The co-ordinates are: Latitude: 28°47'55.035" N to 28°47'34.707" N and Longitude: 77°12'25.998" E to 77°12'24.464" E.

The proposal was considered by the Expert Appraisal Committee in its meeting held on 15th May, 2013 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by MoEF vide letter no. J-11015/99/2013-IA.II (M) dated 31st July, 2013. The proponent submitted its application for seeking environmental clearance after conducting public hearing to the Ministry on 19th September, 2014.

The lease was granted to Mr Arvind Dhawan & Mr. Budh Singh on 25.07.2005 for a period of three years. However, mining was stopped for a period of 322 days, for which lessees has appealed to consider the fact and to provide the lapse period for mining. District Magistrate, Ghaziabad vide letter dated 10.10.2012 has granted the lapse period of 322 days to the lessee w.e.f. 10.10.12.

The mine plan is approved by Directorate of Geology and Mining, U.P dated 17.06.2014. The entire mine lease area lies on the river bed. The mining process is opencast river bed mining of minor minerals. Before the mining process, lease area will be demarcated with wooden planks. Mining is proposed to be carried out in semi mechanized method i.e. excavation will be done manually but excavators will be used for loading purpose. Permission for this has been granted by Directorate General of

Mines Safety, Ghaziabad region, Ghaziabad, vide Letter No. S29024/GR/UP/GZB/0001/PERM/413 dated 04.02.2013. 50 m of width of the river for bank protection & 10 m from the stream flow as stability zone. Drilling and blasting is not required. During the entire lease period, the deposit will be worked from the top surface to 1.5 m bgl or above the ground water level whichever comes first.

No solid waste will be generated during mining as the entire material is saleable. Total water requirement of the area is 1.66 KLD. Water will be obtained from the nearby area from the nearby sources. At no point of time, mining will intersect with ground water level. It was reported by the PP that there is no protected area located within the 10 km radius of the mine.

Baseline studies were carried out during winter season 2013-2014 (October, 2013 to December, 2013). All the parameters for air, water, soil & noise quality were within permissible limits. The public consultation for this project was held on 10th July, 2014 at village- Pachayra, Teh-Ghaziabad, Dist- Ghaziabad. Action plan with budgetary provision for the points raised during Public Hearing are incorporated in the Project Report. The cost of the project is Rs 25 Lakhs and Rs 5.3 lakh (Capital) is allotted for EMP implementation.

Based on the presentation made and discussions held, the Committee desired that the Proponent shall furnish the following information/clarification for further consideration by the Committee: -

- (i) The lease deed documents shall be submitted the clarification may be submitted about the validity of lease as Collector has granted the lapse period of 322 days to the lessee w.e.f. 10.10.12.
- (ii) The issues related to the disaster management and safety shall be addressed.
- (iii) Mine site is located in the critically polluted area, therefore; comments of SPCB shall be provided with respect to location of mine site and its impact on the pollution load of the area.
- (iv) The mine site is located in the CPA however, the value of PM10, SOx, NOx are very low. An explanation on this shall be provided.
- (v) One month baseline data shall be collected and reports shall be submitted.
- (vi) Revised Questionnaire shall be submitted.
- (vii) The public hearing was attended by only one person and action plan talks about the allocation of Rs. 50,000 for channelization of the river. An explanation shall be provided.
- (viii) Legible public hearing proceeding in English language shall be submitted.

The Committee decided that the Proposal be **deferred** till the aforesaid information is submitted by the PP.

(2.25) Mining of Silica boulder for processing and manufacturing of silica sand of M/s Mohunta Mining of Manufacturing Co. Pvt. Ltd. Located at village Mauza Bathri, Tehsil-Haroli, District Una, Himachal Pradesh(8.9835ha) (54000 MT/annum) (Consultant: M/s Udaipur Mintech Pvt. Ltd).

The proposal of M/s Mohunta Mining of Manufacturing Co. Pvt. Ltd. is for proposed production of 54,000 TPA of Silica Boulders (ROM) in the lease area of 8.9835 ha. The area is located at - Mauza – Bathri, Tehsil – Haroli, District – Una (Himachal Pradesh). The applied lease area lies between Latitudes & Longitudes 31° 19' 05" :: 31° 19' 00" N and 76° 16' 48" :: 76° 16' 56" E respectively. The Project is category 'B'. The Proposal was considered in MoEF as the SEIAA, Himachal Pradesh is yet to be constituted.

The proposal of TORs was considered by the Expert Appraisal Committee (mining) in its meeting held during June 2011, and reconsidered in August, 2012 for undertaking detailed EIA study. The TORs were prescribed by the Ministry vide letter no. J-11015/99/2011-IA.II (M), dated 08.11.2012. The Proponent submitted the present EIA/EMP Report for proposed production to the Ministry for seeking Environmental Clearance after conducting Public Hearing.

M/s. Mohunta Mining & Manufacturing Company Private Limited was granted mining lease over an area of 8.9835 hectares, at – Mauza Bathri, Tehsil Haroli, District Una, Himachal Pradesh for mineral Silica Boulders/Bajri Stone and sand processing and Manufacturing of silica sand in Khasra No. 303, 304, & 305 (Private Land) on 01.04.2008 by Govt. of H.P. vide letter no Udhoyg-Bhu(Khani-4)Major –160/06-25 for a period of 20 years. The Mining Lease was executed on 25.10.2008 for 20 years.

The collection of silica boulder shall involve shoveling by simple hand-tools manual sorting/ picking and stacking at site and loading into tractor – trolleys for transporting them to crusher site. No blasting is involved. The mining cum environment management plan/ mine closure plan of major mineral lease for collection/extraction of silica boulder is approved vide letter no. Udhoyg - Bhu (Khani-4) Major-160/2006-6383 on 07.10.2008.

Total water requirement is 6.5 KLD which will be sourced from dug well/ tube well situated in nearby village through water tankers. Approximately 18,697 cum of waste shall be generated every five years as silt and clay. Waste will be stacked in north side of the lease area. It will be used in the nearby area for leveling and spreading over agriculture land. Area covered by the waste dump will be 0.42 hectares at the end of operational phase. Excavated area will be 4.30 ha. at the end of operational phase. Waste dump area will be only 0.42 ha. Plantation will be carried out within the lease area over an area of 1.28 Ha. with suitable species.

There is no National Park, Wild Life Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Elephant Reserve, Bio-sphere Reserve located within 10 km radius of the mine lease. The project is located in seismic zone – IV. There is no Schedule-I species found in the study area.

The Base line data was generated for the period during summer season i.e. March– May 2013. All the parameters for water and Air quality were within the permissible limits. Public Hearing was held on 30.07.2014 which was chaired by Additional District Collector, Una (H.P.). The Committee discussed the issues raised during Public Hearing.

The total cost of the project is 25.0 Lacs. The Project Proponent has earmarked Rs 7.0 lac per annum as recurring cost towards Environmental protection measures. Rs. 1.0 lac/year has been earmarked towards Socio-economic Welfare measures for the nearby village. There is no court case /litigation pending against the project.

Based on the presentation made and discussions held, the Committee desired that the Proponent shall furnish the following information/clarification for further consideration by the Committee: -

- (i) Action plan for Public Hearing along with the budgetary provisions shall be submitted.
- (ii) The mine lease, EIA report and mine plan are not compatible with each other, therefore; clarification shall be submitted in respect of production of proposed six minerals. All related documents shall be made compatible and re-submitted.
- (iii) The project is located in seismic zone – IV, the safeguard measures may be suggested.

The Committee decided that the Proposal be **deferred** till the aforesaid information is submitted by the PP, whereafter the proposal may be considered without calling the Proponent.

(2.26) Ullikallu Dolomite Mine of M/s Ullikallu Dolomite Mine Pvt. Ltd., village Ullikallu, Singanamala Mandal, District Ananthapur, Andhra Pradesh (67.017ha) (1,00,550TPA) Consultant: Pioneer Enviro Laboratories consultants Ltd.)

The proposal is for Opencast Manual mining of Dolomite proposed by Smt. K. Lalithamma at Survey No.64/1, Village Ullikallu, Mandal Singanamala, District

Ananthapur Andhra Pradesh (67.017 ha). The Latitudes - 14°52'30" to 14°53'13"N and Longitudes – 77°48'02" to 77°49'07" E.

The proposal was considered by the Expert Appraisal Committee in its 29-31st of August, 2012 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by MoEF vide letter No. J-11015/188/2012-IA-II. (M) dated 02nd November, 2012. The proponent submitted EIA/EMP report to the Ministry on 31.10.2014 for seeking environmental clearance after conducting public hearing.

In addition, PP made following submissions. The Committee agreed to the submissions made by PP:

- Form-1 & PFR have been submitted to MoEF for Dolomite mining in an ML area of 67.017 Ha. in Sy. No. 64/1 of Ullikallu Village, Singanamala Mandal, Ananthapur District, Andhra Pradesh in the Title of "Ullikallu Dolomite Mine Private Limited" requesting for issue of TOR.
- The actual Lessee name in the memo issued by Industries and Commerce (M-III) Department Govt. of Andhra Pradesh & in the approved Mining Plan is "K. Lalithamma". However in the Form-1 submitted to the MOEF, the name of application has been specified as "Ullikallu Dolomite Mine Private Limited" instead of "K. Lalithamma" inadvertently as the project with the name of the village "Ullikallu". However Mine Owner has been specified as K. Lalithamma in the Form-1 & PFR.
- Sy No. in TOR letter was mentioned as 67/1 inadvertently instead of 64/1 (in accordance with Memo issued by Govt. of Andhra Pradesh, Form-1 & PFR submitted to MOEF).
- Draft EIA report has been prepared and submitted to A.P. Pollution Control Board for conducting public hearing and press notification issued by APPCB mentioning name of the owner Smt. K. Lalithamma.
- Accordingly A.P. Pollution Control Board has conducted Public Hearing on 05-02-2013. APPCB Kurnool has issued a letter confirming that the Public hearing has been held for Smt. K. Lalithamma Mine Owner vide letter No. Lr. No. Gen-56/PCB/RO/KNL/PH/2014-425 dated 02-09-2014.
- It is here by informed that the Draft EIA Report has been prepared by M/s. Pragathi Labs & Consultants Pvt. Ltd., Hyderabad who assisted PP till the public hearing. Subsequently lessee decided to change the Environmental Consultant to Pioneer Enviro Laboratories & Consultants Private Limited, Hyderabad.

The mine lease area is 67.017 Ha, which is Govt. waste land. The Mining plan is approved by Joint Director of Mines & Geology, Government of Andhra Pradesh Kadapa vide Mining plan approval Letter No. 5027/MP – TDP /2008 dated 20-11-2008. The Mining operations are proposed to be carried out by simple opencast method by forming benches manually. It is also proposed to commence the Mining operations on

the Southwestern flank in between 165 MRL where the mineral is exposed on the surface without any over burden. As the mineral is well jointed, higher range of blasting is not required to separate it into huge blocks. In the first stage, the mining operations will be commenced from 165MRL so as to make the level 160MRL. Then the regular benches will be formed from one level to other by forming a slice of 1.5m thick as per statute.

The working is proposed on higher elevations, no ground water interception during the mining operations is envisaged. Waste will be in the form of removal of top skin on the mineral, which is around 10% during the recovery of Mineral. This will be around 22,345 cum. This total waste (22345 cum) will be stacked in the 7.5m buffer zone (a non-mining area) by covering an area of 11,175 m² to a height of 2.0m. This waste will be stabilized by plantations. Water required for proposed mining activity will be 20 KLD and it will be met from ground water source. The area falls under safe zone as per CGWA, no permission is required in safe zone for water drawl upto 1000 KLD.

It was reported by the PP that there are no Wild Life Sanctuary/Tiger Reserve/National Park/Schedule I species etc. within 10 km of the mine lease area. One season baseline data has been collected from March 2011 to May, 2011 by M/s. Pragathi Labs & Consultants Pvt. Ltd. and data has been incorporated in the Draft EIA Report for Public hearing. After Public hearing M/s. Pioneer Enviro Laboratories & Consultants Pvt. Ltd. collected the baseline data from March, 2014 to May, 2014 within 10 km radius of the study area. All the parameters for water and air quality were within permissible limits.

The Public Hearing for the Proposed Project was conducted at proposed site of Sy. No. 64/1, Ullikallu Village, Singanamala Mandal, Ananthapur District, Andhra Pradesh on 05/02/2013. The Public Hearing was chaired by Shri. M. Sudarshan Reddy, District Revenue Officer & Addl. Dist. Magistrate, Ananthapur District, Andhra Pradesh. The issues raised during public hearing were also considered and discussed during the meeting, which inter-alia, included that priority to local people in employment, effective implementation of measures to control dust pollution, water conservation measures, Village development activities and do not the harm nearby fields and social development of village. As per the villager's requirements, it was informed by the PP that they would give priority to local employment and implement all the measures to control dust pollution. These have been incorporated in the Project Plan with budgetary provisions.

The cost of the project is Rs. 20.4 Lakhs. Cost for Environmental protection and occupational health is Rs. 7.0 Lakhs. For CSR Rs. 2.0 Lakhs/annum will be allocated. It was reported by the PP that no court case is pending or any violation has been done by the proposed project.

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 conditions** viz. (i) A study from an Institution of Repute may be conducted on the impact of Dolomite dust on Crop Productivity for agricultural land located around mines and mitigation measures to be implemented by PP to reduce the impact; (ii) Recommendation by the Institute for Crops most suited in this environment and training to the farmers to switch over to new cropping system which will sustain nutrient loading; (iii) Implementation of the Recommendations of National Institute of Miners Health for ensuring good occupational environment for mine workers; and (iv) Use of dry fog sprinkler system to suppress fugitive dust on haul road and other transport road.

RECONSIDERATION OF EC PROPOSALS

(2.27) Iron Ore Mine of M/s K. Rajamohan Reddy and 0.3 MTPA Beneficiation Plant (Production of 0.5 MTPA Iron Ore & Throughput of 0.3 MTPA) located at Village Pendlamarri, Mandal Kadapa, Andhra Pradesh (88.95ha)(Consultant: M/s Golbal Enviro Labs)

The proposal is for Iron Ore Mining with proposed production of 0.5 MTPA & Throughput of 0.3 MTPA Beneficiation iron ore by M/s. K. RAJA MOHAN REDDY, located at S.No.320 of Chabali Village, Pendlimarri Mandal, Kadapa district of Andhra Pradesh. The Latitude and Longitude of the site is 14^o 28' 06.4"N to 14^o 29' 01.1" N and 78^o 35'22.1" E to 78^o 36'12.7" E.

The proposal was considered by the Expert Appraisal Committee in its meeting held during September 22, 2011 to determine the Terms of Reference (TOR) for undertaking detailed EIA study. The TORs were issued by MoEF vide letter no. J-11015/164/2011 – IA. II (M), Dated on 14th February 2011. The proponent submitted its application to the Ministry on 10th September, 2012 for seeking environmental clearance after conducting public hearing.

The total mining lease area falls under revenue category. The mining lease was granted for 20 years with effect from 07.12.2001 to 06.12.2021. The mining plan was approved by Indian Bureau of Mines, vide letter no. 659 (386)/Iron/2000/CDP/ Dated 20/1/2001 for production of iron ore with production capacity of 50,000 TPA and mining operations were started since 03-11-2003. The lessee enhanced the iron ore production from 50,000 TPA to 5,00,000 TPA with effect from 2007-08 and for this purpose Modifications in Approved Mining Plan was Approved by Indian Bureau of Mines vide letter No. 659 (386)/Iron/2000/CDP/ Dated 23/1/2008 and subsequently the mining scheme was approved by Indian Bureau of Mines, vide letter no. 659 (386)/Iron/2000/CDP/ Dated 28/3/2011 for an annual production of 0.5 Million TPA (5,00,000 TPA) of Iron Ore.

It is reported by the Project Proponent (PP) that the mine working will be Semi mechanized Opencast Method using Drilling & Blasting. The iron ore will be treated in

a beneficiation plant with Reduction–roasting method using Rotary kiln, ball mills, coarse & fine magnetic separators- This method converts the hematite ore into magnetite ore. The Fe content can be increased to 66% & the Un-recovered Fe in the tailings will be 8-10%. Life of the mine is 9.48 years. The beneficiation plant is within the lease area. The water requirement is estimated as 377kld, which will be obtained from groundwater. The PP has applied to CGWB for water withdrawal from ground water source.

The main raw material, i.e., low grade iron ore of 50% Fe on an average, will be supplied from the captive mine by dumper trucks. The distance between raw material storage area & the mining area is less than 500 metres.

About 79,000 TPA of mud (slime) is expected to be generated from beneficiation plant, which has left-over Fe contents of 10%. About 45,000 TPA of Coal Ash & about 3,000 TPA of gypsum (calcium sulphate) will be generated and get mixed with the tailings, making the total quantity of solid wastes 86,500 tons. Out of 86,500 TPA of solid waste 50% will be used for clay brick making plants and 50% will be used for land-filling in the mined out area.

Ground water is at 50m below General ground level of 170m and the mining operations shall be to a depth of 20m from 180m R.L and will not intersect the ground water regime. It was reported by the PP that there are no National Park, Wildlife Sanctuary, Archaeological and Historical important sites within 10 km from the project area. Papagni river (Ephemeral) is located 1.8 km and Gangannapalli Reserver Forest is located at a distance of 8. 6km from ML area.

Baseline studies were carried out during December 2011 – February 2012. All the parameters for water and air quality were within permissible limits. The Public Hearing for the Proposed Project was conducted at Project site on 07.08.2012. The PH was chaired by Sri. G. Joshi Babu – Chairman, Addl. Joint Collector & Addl. District Magistrate, Kadapa District. 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 discharge of effluent from the mine lease area, preventing the silt from ML area flowing into the agricultural lands, air pollution control measures 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 for 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. 39.44 crores. It was reported by the PP that there is no court case/litigation pending against the project.

The proposal was considered in the EAC meeting held during the meeting held during 16-18th January, 2013 wherein Committee sought following information:

- (i) Details of the tailing pond design may be furnished.
- (ii) The Environment Management cell set up needs to be strengthened with persons having qualifications/specialisation in environment protection.
- (iii) The budgetary provision for occupational health and safety/ may be enhanced.
- (iv) Details of plantation on wasteland may be given.
- (v) Measures to prevent surface runoff and water conservation with due emphasis to raise water table may be provided.
- (vi) Details of land use, flora, fauna including endangered and endemic species may be furnished.
- (vii) Measures for proper utilization of wasteland for social purpose to be submitted.
- (viii) Compliance of TOR to be submitted.

On submission of the information, the proposal was considered in the EAC meeting held during July 22nd-24th, 2013. The project proponent submitted following information:

- a) Large Plate & Frame type filters would be used instead of a tailing pond for squeeze drying the tailings.
- b) A separate wing "Environmental Management Cell (EMC)" will be formed to look after the inspection / monitoring requirements. The mine management will undertake the control measures in coordination with the State Forest Department, Regional APPCB and Environmental consultant. The management of environment shall be made an integral part of the major activities of mining. Integrated land, water and afforestation program may be allotted to a reputed professional contracting firm through outsourcing.
- c) Proposed Budget for Occupational Health & Safety is 115.50 lakhs for 280 workers for awareness, insurance, emergency purpose (revolving fund), safety equipments, medical checkup lab, medicines to workers & their families. In addition to budget for occupational health & safety an amount of Rs. 2.00 Crores is earmarked for CSR activities and will be spent over a period of 5 years for the proposed project.
- d) and e) proposed to undertake an integrated land, water, wasteland utilization and afforestation programme. It involves integration of physical or engineering systems and biological systems for sustainable development. The main objectives of the programme are:

1. Rain water harvesting and ground water recharge
2. Soil erosion and flood control
3. Afforestation and wasteland development

- f) Survey of flora and fauna 88.395 Ha iron Ore mine and its buffer zone was undertaken by Prof.K.B.Reddy, Retd. Professor of Environmental Sciences, Acharya Nagarjuna University and his team. No rare, endangered, endemic, threatened (RRET) species of plants or animals were recorded in the study area.
- g) The waste land forms part of the mine lease area and any part of the Mine lease area cannot be delineated directly for any social purpose. In order to maximize the utilization of the waste land, the beneficiation plant is also planned in this area. The remaining area shall be suitably afforested as per the afforestation program.
- h) TOR compliance was submitted.

Based on discussions the Committee sought following information:

- (i) Details of health checkup of the workers w.r.t. frequency, number of workers in buffer zone.
- (ii) Preventive measures to be adopted for workers health.
- (iii) Credible action report from concerned State Government with regard to the violation of Environmental (Protection) Act, 1986.

On submission of the information the proposal was considered in the present meeting. It was brought to the notice of the Committee that a few complaints have been received against the project. The complaints were discussed during the meeting. Based on the presentation made and discussions held, the Committee desired that the Proponent shall furnish the following information/clarification for further consideration by the Committee without calling the PP: -

- (i) The Compliance of the Directions issued under the section 5 of the EPA.
- (ii) The status of 18.623 ha of the land as mentioned in the complaint against the project (a copy of the complaint to be provided to PP).
- (iii) Copy of court case wherein the credible action against the project has been taken.
- (iv) Permission for drawl of water from CGWA.

The Committee decided that the Proposal be **deferred** till the aforesaid information is submitted by the PP.

(2.28) Pellet Plant (1.0 MTPA) with Upstream Slime Beneficiation facilities at Iron Ore Complex (IOC) Dalli –Rajhara, District-Balod, Chhattisgarh of M/s Steel Authority of India Ltd. (19ha), (Consultant: NEERI).

The Proposal is for setting-up 1 MTPA Pellet Plant with upstream slime beneficiation facilities at Iron Ore Complex (IOC) Dalli- Rajhara of M/s Steel Authority of India Ltd (19 Ha) in the Balod District of Chhattisgarh state. The area is acquired by Bhilai Steel Plant, as a non-agricultural waste land and non-forest revenue land. The area is covered under Survey of India Toposheet No. 64H/2 and lies between Latitude from 20°34'40.651" N to 20°34'56.671" N and Longitudes from 81°02'09.043" E to 81°02'36.637" E.

The proposal was considered by the Expert Appraisal Committee (non-coal mining) in its 5th meeting held during 13-15th March 2013, to determine the Terms of Reference for undertaking detailed EIA study. The TOR was issued by MoEF vide letter No. J-11015/437/2012-IA.II (M), dated 14th May, 2013.

It is a proposal to set up a 1 MTPA pellet plant with upstream beneficiation facilities in the 19 Ha, acquired land of Bhilai Steel Plant & the total area is outside the mining lease. The proposed project area of 19 Ha is at Iron Ore Complex, Dalli-Rajhara of SAIL in Balod District. It is at a distance of 95 km from Durg railway station. Hitkasa tailing dam, the major source of slime is adjacent to the proposed site. The proposed site is located on the North-Western valley of Dalli-Rajhara range. Area generally is a flat terrain.

The proposed slime beneficiation consists of beneficiation of low grade iron slimes generated in course of beneficiation of iron ore. The slime will be beneficiated using state-of-the-art techniques like jigging, spiralling, magnetic separation (WHIMS) etc. The pelletisation process includes storage and handling of raw materials; grinding, proportioning and mixing; balling, induration and cooling; & finished product storage and dispatch.

For 1.0 MTPA (3125 TPD) pellet plant, the raw materials like - Iron ore fines (1105600 TPA), Limestone (19200 TPA), Coke Breeze (19200 TPA) and Bentonite (19840 TPA) respectively will be received directly in the pellet plant and stored in raw material bunkers of respective grinding units. Storage capacity of each material shall be based on 15 days requirement. The grinding of iron ore fines will be carried out in the beneficiation plant.

The total waste generated will be 1.19 MTPA. The total water requirement for the proposed project will be 1140 m³/h and the water recovered from the system will be 1044.70 m³/h, taking into the account of water loss due to spillage, domestic & drinking purpose etc. The makeup water will be 188.10 m³/h which is about 4515 m³/day & 14,44,800 m³/year (320 working days per year). The total water

requirement will be provided from existing "Boridih" Dam of Iron Ore Complex of Bhilai Steel Plant.

It was reported by PP that no National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves/Protected area/Critically Polluted Areas (existing as well as proposed) exist within 10 KM Radius. In the study area four schedule-I species, Monitor Lizard, Python, Peafowl and Sloth Bear were recorded.

Baseline studies were carried out during summer season (March-May 2013). All the parameters for water and air quality were within permissible limits. The Public Hearing for the proposed Project was conducted at "Bital" village on 15.01.2014. The Public Hearing was presided over by Shri Alok Pandey, ADM-Balod district of Chhattisgarh State. The issue raised during Public Hearing were considered and discussed in details during the meeting, which inter-alia included that there will not be any type of discharge of effluent from the proposed Project area, preventing the slit flowing into the agricultural land, air pollution control measures to be adopted, raising of trees through development of green belt in & around proposed area and sprinkling of water etc. It was informed by the PP that the local employment, health service, education and assistance in vocational training etc will be given due attention. These have been incorporated in the EIA/EMP report with budgetary provisions. The estimated cost of the project is 812.18 Crores. It was informed by PP that no court case is pending relating to the proposed project.

The proposal was considered in the EAC meeting held during 28-30th May, 2014 wherein the Committee sought the following additional information:

- (i) The Proposal was opposed in the Public Hearing. Therefore the reasons therefor may be clarified/rectified and the consequent Revised Action Plan, incorporating the accepted points during Public Hearing shall be submitted.
- (ii) The species specific conservation plan dully approved by Chief Wildlife Warden of the State Govt. shall be submitted.
- (iii) Revised Questionnaire for the proposal shall be submitted.

On submission of the information proposal was considered in the present meeting. The PP informed that major issue raised are for employment. In addition SAIL constituted A senior level committee on 15/06/2014 to study the issue and prepare the action plan to address the issues raised during public hearing. The Committee members interacted with the villagers in the buffer zone area during July-August'2014. Committee observed following facts which lead to the adverse public hearing outcome:

- a. The economy of the Dalli-Rajhara region mainly depends upon the mining activities of SAIL, Bhilai Steel Plant as there is no industry adjacent to the region.

- b. Due to insufficient infrastructure, medical and educational facility provided by State Government, people living in the region expect more from SAIL, Bhilai Steel Plant.
- c. Over the years due to change in mining operation from manual mode to mechanization mode an adverse impact in the economy was observed in the region.
- d. Since this type of project is probably coming first time in India, people who attended PH misunderstood the concept of the project which is basically aimed for limiting the adverse environmental impact by utilizing accumulated slime at tailing pond.
- e. "Gram Panchayat" executive body members meetings were organized at two nearby villages from proposed project i.e. at "Bital" Gram Panchayat on 22.06.2014 & at "Dhobedand" Gram Panchayat on 04.07.2014. Gram Panchayats issued letters in support of this project.
- f. It has been deliberated during meetings that the main Raw Materials to be used for the proposed pellet plant project is Iron ore Slime, which are available at BSP tailing dam. No fresh area shall be broken up for raw materials.
- g. Utilization of the same will not only lead to attaining the goal of mineral conservation but also eliminate the chances of water contamination as it will increased the capacity of tailing pond.

The SAIL has allocated a fund of Rs. 1336.00 Lakhs on issues raised on Public Hearing. In addition the species specific conservation plan dully approved by Chief Wildlife Warden vide letter dated 27.08.2014 was also submitted along with the revised questionnaire.

Based on the information submitted, presentation made by the Proponent and discussions held, the Committee **recommended** the proposal for environmental clearance with additional specific conditions:

- i. Project to carry out the study on impact of CSR programs implemented so far around the mine lease area by making a Survey Report through an Institution of Repute and need based Action Plan for next CSR Programs within one year;
- ii. A study from an Institution of Repute may be conducted on the impact of dust on Crop Productivity for agricultural land located around mines and mitigation measures to be implemented by PP to reduce the impact;
- iii. Recommendation by the Institute for Crops most suited in this environment and training to the farmers to switch over to new cropping system which will sustain nutrient loading;
- iv. Project to regularly conduct water audit and ensure enhancing water use efficiency;
- v. M/s SAIL to make R&D efforts for enrichment and utilization of low/sub-grade iron ore.

- vi. Implementation of the Recommendations of National Institute of Miners Health for ensuring good occupational environment for mine workers; and
- vii. Use of dry fog sprinkler system to suppress fugitive dust on haul road and other transport road.

CONSIDERATION OF TOR

(2.29) Barwas Limestone Mine of M/s Jakra Mines & Minerals located at near Village- Baras, Tehsil- Paonta Sahib, District- Sirmour, Himachal Pradesh. (8.91ha) (75000 Tons/ Annum of Limestone) (Consultant: M/s Udaipur Min-Tech Pvt. Ltd.)

The proposal is for mining of Limestone with production capacity of 1,25,000 TPA in the mine lease area of 8.91 ha. The applied area is Private Land near village Barwas, Tehsil – Paonta Sahib, District – Sirmour, H.P. The lease area is located between 30°35' 53" : 30° 36' 08" North Latitudes and 77°39'06" : 77°39' 26" East Longitudes and is in Survey of India Toposheet No. 53 F/10. It was reported by the PP that no National Park, Wildlife Sanctuary etc exists within 10 km radius of the project site.

The Project is category 'B' as the Inter State Boundary of UK & H.P. is located at 8.0 km from mine lease boundary. The Proposal was considered in MoEF as the SEIAA, Himachal Pradesh is yet to be constituted. The proposal for TORs was considered by Expert Appraisal Committee in its meeting held during Dec. 22-23, 2011 & TOR was issued vide letter no. J-11015/230/2011-IA.II(M) dated 30th March, 2012. The project Proponent vide letter dated 16.7.2014 and 04.08.2014 requested to extend the validity of the TORs; as they anticipated delay in conducting public Hearing by HPCB. The project was discussed in the 23rd meeting of EAC held on 25.09.2014 (Item no. 2.20 dated 25.09.14) for extension of TOR.

The Committee advised to submit the Form-I & PFR for fresh TOR. The PP submitted the Form-I and PFR which were considered in this meeting for prescribing TOR. The Committee was of the view that in light of the O.M. No. J-11013/41/2006-IA.II(I) dated 07.11.2014, the validity of TOR is now for three years which may be extended for one more year with proper justification. The Committee therefore **recommended** the earlier proposal of PP for extension of validity of TOR.

(2.30) Bhimgoda Limestone Mine of M/s K.N. Cement located near Village- Kamroo, Tehsil- Paonta Sahib, District- Sirmour, Himachal Pradesh (24.60ha)(80,000TPA) (Consultant: M/s Udaipur Min-Tech Pvt. Ltd.)

The proposal is for mining of Limestone with production capacity of 80,000 TPA in the mine lease area of 24.60 ha. The applied area is waste land near village

Kamroo, Tehsil – Paonta Sahib, District – Sirmour, H.P. The lease area is located between 30° 36' 41" to 30° 37' 14" North Latitudes and 77° 40' 53" to 77° 41' 28" East Longitudes and falls in Survey of India Toposheet No. 53 F/10. It was reported by the PP that no National Park, Wildlife Sanctuary, etc. is located within 10 Km radius of the project site. Earlier ToR was issued by MoEF vide order no. J-11015/228/2008-IA.II(M) on dated 25.11.2008.

The PP applied to MoEF, on dated 23/08/2013 for extension of validity of ToR, because public hearing could not be conducted. Further the Final EIA / EMP report was submitted in MOEF, New Delhi on dated 28.01.2014 i.e. after the expiry of TOR. The proposal for extension of validity of TOR was considered in 12th EAC meeting held on 31st Oct. & 1st Nov. 2013. Committee informed the PP, that no further extension of ToR can be granted. This was also informed to PP vide letter no. J-11015/228/2008/IA-II(M), 15.01.2014. Therefore, the application for fresh TOR (Form I & PFR) was submitted to MoEF, New Delhi on 09.10.2014.

The Project attracts the General Condition, According to EIA Notification 2006, i.e. Inter State Boundary of UK & H.P., falls within the buffer zone. EC application has been submitted for ToR to MoEF, New Delhi, under category "A".

Originally, the lease was sanctioned to Shri A.K. Sood for a period of 20 years. Later Shri A.K. Sood transferred the lease to M/s K.N. Cement. M/s K.N. Cement appointed Mr. Naseem Khan as Agent, who started mining operation. The lease was granted for a period of 20 years from 14.03.1977 to 13.03.1997 over an area of 24.60 Hect. The lease was further renewed for next 20 years for period 14.03.1997 to 13.03.2017.

The mining will be carried out by open cast semi-mechanized method with drilling and blasting. No developmental work (overburden removal) is involved except the formation of benches for extraction of mineral. The loading of sorted mineral will be done in the Dumpers and then transported to various buyers and plants. Total water requirement in the mine will be about 6.5 KLD for drinking, dust suppression and plantation. The estimated cost of the project is Rs. 30 Lacs. Based on the information furnished and presentation made by the Project Proponent and discussions held, the Committee **prescribed** the TORs as per Annexure-I.

(2.31) Newari Limestone Mines of M/s Adhunik Corporation limited located at Newari, Phulwari, Bambariya&Garrabhata villages, tehsil Shimga and Palari, District Baloda Bazar, Chhattisgarh. (249.410 ha)(1.5 MTPA)

The Proposal was **deferred** as the Project Proponent did not attend the meeting.

(2.32) Quartzite Mines of M/s K. Janardhana Naidu located at Village-Peddamarika, Mandal –Parvathipuram, District-vizianagaram, Andhra Pradesh (Lease area 45.00, Broken up 0.87)

The Proposal was **deferred** as the Project Proponent did not attend the meeting.

(2.33) Silica Sand and Quartzite Mine of M/s Shaik Jamal Vali located at Vilage-Uppaluru, Mandal-Muddanur, District- Kadapa, Andhra Pradesh (174.83, 31,151 TPA)

The Mine Lease area is located at Sy. No 894 of Uppaluru Village, Muddanuru Mandal, Kadapa District of Andhra Pradesh. The Mine Lease area is a Latitude in between 14°35'47" and 14°36'26" and a Longitude in between 78°22'13" and 78°22'56". The mine will be operated by manual opencast method by using drilling & blasting. The proposed production is 31,151 tons of silica sand and quartzite per year.

The lessee, has applied for grant of mining lease for Silica Sand and Quartzite over an extent of 174.83 Hectares in Survey Nos. 894 of Uppaluru Village, Muddanuru Mandal, Kadapa District of Andhra Pradesh. Based on the recommendation of the Director of Mines and Geology, the Government of Andhra Pradesh have proposed to grant Mining lease for quartzite/ Silica sand with a request to submit the approved mining plan vide GOVT. Memo No 19367 / MIII(1)/2007-1, dated: 16.12.2008. For this purpose a mining plan has been prepared and obtained approval from Joint Director of Mines & Geology, Cuddapah Zone vide their approval letter no. 918/MP – YGL/2009 Dated 09/02/2009.

The water requirement for this proposed mining activity will be for Dust suppression purpose: 8.0 KLD, Domestic purpose: 1.0 KLD and Greenbelt purpose: 1.0 KLD. It is reported by the project proponent that there is no court case / litigation is pending against the project. The estimated cost of the Project is 51.50 lakhs. Based on the information furnished and presentation made by the Project Proponent and discussions held, the Committee **prescribed** the TORs as per Annexure-I.

(2.34) Mineral Beneficiation of M/s Vedanta Washery & Logistic Solutions Pvt. Ltd. Located at Village-Kunkuni, Tehsil-Kharsia, District Raigarh, Chhattisgarh(1.2 MTPA Iron Ore & iron Ore fines Beneficiation unit ha).

M/s. Vedanta Washery & Logistic Solutions Pvt. Ltd. proposed to establish 1.2 MTPA Iron ore & Iron ore fines beneficiation unit along with 4.0 MTPA wet type Coal washery at Kunkuni, Tehsil Kharsia, District Raigarh, Chhattisgarh. Latitude and Longitude of the project site is 21°59'15.21"N 83°10'39.68"E.

The project is envisaged for the both Iron ore Beneficiation plant & coal washery plant in 33.87 acres of land. It was reported by the PP that there is no wildlife Sanctuary, Bird Sanctuary, Tiger Reserves, National Park, etc. within 10 km of the proposed project site. Rabo RF, Burha Pahar RF, Basnajhar RF, Bargarh RF are present with within 10 Km. radius of the project site.

Separate Form-1 & PFR have been submitted for establishment of 4.0 MTPA Coal Washery to EAC (Coal Mining) on 16th April 2014 and same is under process. Low grade Iron ore/Iron ore fines from the source with Fe content ranging from 40% to 56 % will be bought to the site, and will be beneficiated to increase Fe content to 63 %.

Water required for the Coal Washery will be 1920 cum/day and for Iron ore beneficiation will be 280 cum/day. Total Water required for the proposed project will be 2200 cum/day. Water required will be sourced from the Ground water & Mand river. Closed circuit system will be adopted in the proposed project, hence no effluent will be generated from the proposed project. Only waste water generated will be sanitary waste water (16 cum/day) which will be treated in septic tank followed by soak pit.

Tailing will be generated from the proposed iron ore beneficiation unit. These rejects will be given to nearby cement plant and ceramic industries. Total project cost envisaged for the entire project is Rs.45.0 Crores and recurring expenditure for Environmental Protection measures will be Rs.20 lakhs per annum. It was reported by the PP that there is no court case and no violation of any statutory rules.

Based on the information furnished and presentation made by the Project Proponent and discussions held, the Committee **prescribed** the following TORs:

1. The alternate sites considered, the relative merits and demerits and the reasons for selecting the proposed site.
2. Details of the technology and process involved in the project.
3. Location of the proposed plant w.r.t. the source of raw material and mode of transportations of the ore from mines to the beneficiation plant.
4. Treatment of run of from the fines/waste dump.
5. Estimation of the fines going into the washings and its management.
6. Details of the equipment, settling pond etc.
7. Detailed material balance to be provided.
8. Source of raw material and its transportation. Steps proposed to be taken to protect the ore from getting air borne.
9. Management and disposal of tailings and closure plan of the tailing pond, if any, after the project is over.

10. The water requirement for the project, its availability and source to be furnished. A detailed water balance should also be provided. Fresh water requirement for the project should also be indicated.
11. A copy of the document in support of the fact that the Proponent is the rightful lessee of the unit should be given.
12. All documents including EIA and public hearing should be compatible with one another in terms of the production levels, waste generation and its management and technology and should be in the name of the lessee.
13. All corner coordinates of the 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).
14. 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.
15. Issues relating to Safety should be detailed. The proposed safeguard measures in each case should also be provided.
16. The study area will comprise of 10 km zone around the plant.
17. Cumulative impact study of both beneficiation plant with suggested mitigation measures as per the study.
18. Railway siding and its location with handling capacity and safety measures.
19. Option to provide only silo for storage of minerals instead to open stacking to avoid fugitive dust.
20. 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 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.
21. Details of the land for any Over Burden Dumps outside the lease, such as extent of land area, distance from lease, its land use, R&R issues, if any, should be given.
22. 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.
23. 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.
 24. 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.
 25. The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
 26. A study shall be got done to ascertain the impact of the 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.
 27. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Tiger/Elephant Reserves/(existing as well as proposed), if any, within 10 km of the 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.
 28. A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the 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.
 29. Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Dept. Should be secured and furnished to the effect that the proposed activities could be considered.
 30. Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note:

The Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).

31. 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 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.
32. One season (non-monsoon) primary baseline data on ambient air quality (PM₁₀, SO₂ and NO_x), 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 lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀, particularly for free silica, should be given.
33. 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.
34. 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.
35. 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.
36. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
37. 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.
38. 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.

39. 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.
40. 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.
41. 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.
42. 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.
43. 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.
44. Details of the onsite shelter and facilities to be provided to the workers should be included in the EIA report.
45. 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.
46. 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.
47. 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.
48. 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.

49. 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.
50. 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.
51. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the project should be given.
52. The cost of the project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.
53. Provide a brief background of the project, financial position, group companies and legal issues etc.; past and current important litigations.

(2.35). Quartzite (Masonry Stone) with production capacity 1,70,000 TPA (ROM) (M.L. No. 693/2007) by M/s Smt. Bindu Kanwar W/o Shri Pramod Singh, located at Near Village: Raipur Jageer, Tehsil - Neem Ka Thana, District- Sikar, Rajasthan (1.0 ha)

The proposal of M/s Smt. Bindu Kanwar is for Quartzite (Masonry Stone) Mining Project with production capacity 1,70,000 TPA (ROM) in the M.L. No. 693 /2007 & ML Area 1.0 ha. The mine is located at near village Raipur Jageer, Tehsil: Neem Ka Thana, District: Sikar (Rajasthan). The geographical extents of mining lease area are: Latitude: 27°27'45.62"N to 27°27'51.24"N, Longitude: 75°53'38.65"E to 75°53'44.94" E and is covered by Survey of India Topo sheet No. 45 M/15. 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 1.0 ha which is Government waste (Non forest) land. The mining lease was sanctioned in favour of Smt. Bindu Kanwar w/o Shri Pramod Singh Rajput vide order no-SME/Sikar/Ri./MM/ML-663/07/2946 for a period of 20 years. The simplified Mining Scheme has been approved by Superintendent Mining Engineer, Department of Mines and Geology, Jaipur Circle, Jaipur vide letter no. SME/JAI/Mining Plan/ P-309/14/2072 dated 26.06.2014.

Mining will be carried out through semi-mechanized open-cast method. Blasting shall be done on contractual basis by licenses person/agency with controlled blasting by adopting all the safety measures as per mines act and with the permission of DGMS. At the end of life of mine, Total excavated area of 0.80 ha will be converted in to water reservoir and 0.20 ha will be used in plantation on periphery of lease boundary. Total water requirement for the project will be 3.0 KLD which will be used

for domestic as well as dust suppression purpose and sourced from nearby village. Life of mine is 3 years @ 170000 TPA. The estimated cost of the project is Rs. 10 Lakh and cost for Environmental Protection Measures are Rs. 0.5 Lakh as capital cost and Rs. 0.50 Lakh 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.36.) Granite (Minor Mineral) with production capacity 35,336 TPA (ROM) (M.L. No. 24/2014) by M/s Shri Shankar Lal Sahu, located at Village – Chandma, Tehsil – Sarwar, Distt. – Ajmer, Rajasthan (1.6884 ha)

The proposal for Granite (Minor Mineral) Mining Project, M.L. No. – 24/2012, M.L. Area 1.6884 ha., Near Village - Chandma, Tehsil - Sarwar, District - Ajmer (Rajasthan). The geographical extends of mining lease area are: Latitude: 26°07'03.80"N to 26°07'09.70"N, Longitude: 74°51'17.80"E to 74°51'24.30"E. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF& CC.

Mining lease grant in favour of Shri Shankar Lal Sahu S/o Shri Banshidhar Sahu, R/o, Village- 42, Civil Lines, Shiv Marg, Raj Bhawan Road, Jaipur vide letter dated 03/09/2013. Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 510500 tones. Life of mine is 16 years @ 35336 TPA. At the end of life of mine, total excavated area will be 1.3820 ha which will converted into water reservoir and 0.050 ha. land will be planted within lease area. Total water requirement for the project will be 10.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 355 mRL (25m BGL). Ground water table of lease area is 340-330 mRL (40-50mBGL). Hence mining will not intersect groundwater table. The cost of the project is 50 Lacs and Environment Protection Cost is 1 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.37). Granite Mining with production capacity 58,524 TPA (ROM) (M.L. No. 96/2013) by M/s Mateshwari Granites, located at Village – Gordhanpura, Tehsil: Kareda, District: Bhilwara, Rajasthan (1.3377 ha)

The proposal of M/s Mateshwari Granites is for Granite Mining Project with production capacity 58,524 TPA (ROM) in M.L. No. 96/2013 & ML Area 1.3377ha. The mine is located at near Village: Gordhanpur, Tehsil Kareda, District Bhilwara (Rajasthan). The geographical co-ordinates of area are: Latitude -25°36'39.80" N to 25°36'36.12" N, Longitude -74°11'35.14" E to 74°11'35.59" E and is covered by Survey of India Toposheet No. 45 K/2. 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 1.3377 ha which is a Private land. No forest land involved in the project The LOI has been issued by Office of the Mining Engineer Bhilwara in favor of M/s. Mateshwari Granite Vide letter No. ME/BHEEL/CC.4/ML.96/2013/66 dated 09.01.2014. The Mining Plan with Progressive Mine Closure Plan has been issued by Office of the Superintending Mining Engineer, Dept. of Mines & Geology, Bhilwara Circle, Bhilwara (Raj.) in favor of M/s Mateshwari Granite vide letter no. SME/Bhil-Circle/CC-II/Bhil/F-/M.L..96/2013/405 on dated 25/03/2014.

Out of total mine lease area, 0.9512 ha area will be excavated and about 0.6528 ha area will be backfilled and reclaimed by plantation rest area about 0.2984 ha area will be converted in to water reservoir. Area about 0.3865 ha will be used as green belt on around the lease periphery. Mining will be carried through semi mechanized mining method. Blasting will be carried out only as and when required. It is reported by the PP that total mineable reserves are 628355 Tonnes. Life of mine is

11 years @ 58524 TPA. Bench height will be 6.0 m. Bench width will be more than Bench Height. The total water requirement will be 5.0 KLD which will be met through tanker supply from nearby villages. Ultimate working depth will be 35 m. The estimated cost of the project is Rs. 50 Lacs and cost for Environmental Protection Measures are Rs. 1.5 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.38). Granite Mine with production capacity 92,400 TPA (ROM) (M.L. No. 191/2012) by M/s Nairaniya Mines, located at Village – Rammaliya, Tehsil – Bhinay, Distt – Ajmer, Rajasthan (2.3681 ha)

The proposal of M/s Nairaniya Mines is for Granite Mining Project with production capacity of 92,400 TPA (ROM) in the M.L. No. – 191/2012 & M.L. Area 2.3681ha. The mine is located Near Village – Rammaliya, Tehsil -Bhinay, District – Ajmer (Rajasthan). The geographical extends of mining lease area are: Latitude: 26°6'26.77"N to 26°6'31.63"N, Longitude: 74°51'1.85"E to 74°51'11.6"E. 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 was granted in favour of M/s. Niraniya Mines Prop. Shri Babulal Niraniya , 64, opp. Udyog Nagar Road No. 8, V.K.I. Area, Sikar Road, Jaipur, Rajasthan over an area of 2.3681 hectares by Suptdg Mining Engineer Mines & Geology Department Government of Rajasthan Jaipur vide Letter no. ME/ AJM/ Minor/ M.L.- 191/2012/465 Dated 08/03/2013.

Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 460300 Tones. Life of mine is 5 years @ 92,400 TPA. At the end of life of mine, total excavated area will be 1.750 ha. which will converted into water reservoir and 0.1ha land will be planted within lease area. Total water requirement for the project will be 10.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 388mRL (12m bgl). Ground water table of lease area 360-355 mRL (40-45mBGL). Mining will not intersect groundwater table. The cost of the project is 50 Lacs and Environment Protection Cost is 1.0 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.39). Cheja Pathar (Masonry Stone) with production capacity, 1,50,000 TPA (ROM) (M.L. No. 273/2005) by M/s Chevron Mineral & Mine Pvt. Ltd., located at Village – Burki ki Dhani, Tehsil – Khetri, Distt. – Jhunjhunu, Rajasthan (1.0 ha)

The proposal of M/s Chevron Minerals & Mines Pvt. Ltd. for Cheja Patthar (Masonry Stone) Mining Project (ML area 1.0 ha) with production capacity of Cheja Patthar 1,50,000 TPA (ROM). The mine is located at near village: Bukri Ki Dhani (Tan Papurna), Tehsil –Khetri, District-Jhunjhunu (Rajasthan). The geographical co-ordinates of site area are: Latitude 27°55'09.58"N to 27°55'14.68"N, Longitude - 75°48'58.89"E to 75°49'04.01"E and is covered by Survey of India Toposheet No. 45 M/13. 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 1.0 ha which is Govt. Waste (Non-forest) land. The original grant of mining lease in favor of Shri Rajesh Chauhan S/o Shri Sharvan Singh Chauhan was sanctioned on 09/10/2006. Registration of lease agreement made on 16/10/2006. Lease period of 20 years w.e.f. 09/10/2006. Title transfer in favor of present lease by order dated 16/06/2009. Lease deed executed on dated 10/07/2009. Consent to operate has been issued by Rajasthan State Pollution Control Board, vide letter No.F(Mines)/Jhunjhunu(Khetri)/22(1)/2008-2009/1351-1353 dated 16/09/2009. The Simplified Mining Scheme has been approved by Superintending

Mining Engineer, circle, Jaipur Circle in favor of M/S Chevron minerals and Mines Pvt. Ltd. on dated 02/05/2014. Out of the total 1.0 ha lease area, about 0.80ha area will be excavated and will be converted as water reservoir and remaining 0.20 ha will be used in Green belt on around the lease.

Mining will be carried through opencast semi mechanized method. Blasting will be carried out only as and when required. It is reported by the PP that total mineable reserves are 873020 Tonnes. Life of mine is 6 years @ 150000 TPA. Bench height will be 6 m & width will be 6 m. It is reported by the PP that total waste material will be sold to road construction vendors. Total water requirement will be 3.0 KLD, which will be met through tanker supply from nearby villages. Ultimate working depth is 25 m. The estimated cost of the project is Rs. 10 Lacs and cost for Environmental Protection Measures are Rs. 0.5 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;

(iv) List of wild animals sited in Project area or neighborhood ; and

(v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.40). Limestone Mine with production capacity of 61,739 TPA (ROM) in M.L. No. 18/2013 by M/s Ansh Manufacturing Pvt. Ltd., located at Village - Pitasiya Tehsil & Distt. – Nagaur, Rajasthan (3.2991 ha)

The proposal of M/s Ansh Manufacturing Pvt. Ltd. is for Limestone Mining with production capacity of 61,739 TPA (ROM) in M.L. No. – 18/2013 & M.L. Area-3.2991 ha. The mine is located Near Village - Pitasiya, Tehsil & District – Nagaur (Raj.). The geographical extends of mining lease area are: Latitude: 27°13'19.52" N to 27°13'23.54" N, Longitude: 73°52'37.32" E to 73°52'42.52" E. 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 was granted in favour of M/s Ansh Manufacturing Pvt. Ltd., R/o O.Q.C -5 J.K. Nagar, District- Kota, (Rajasthan), vide letter no. v[k@vt-@vÁ@,e-,y-&18@2013@417 Dated- 01/10/2013. Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 336705.75 tones. Life of mine is 5 years @ 61,739 TPA. At the end of life of mine, total excavated area will be 1.5237 ha. which will converted into water reservoir and 1.7749 ha. will be used for plantation on the periphery of lease and unused area. Total water requirement for the project will be 5.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 302 mRL (20m BGL). Ground water table in 242-247 mRL (75-80mBGL). Mining will not intersect groundwater table. The cost of the project is 30 Lacs and Environment Protection Cost is 0.60 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.41). Bentonite Mine with production capacity 7,000 TPA (ROM) (M.L. No. 396/2011) by M/s Shri Shaitan Singh, located at Village – Aakli, Tehsil-Sheo, Distt – Barmer, Rajasthan (2.25 ha)

The proposal for Bentonite (Minor Mineral) Mining Project of Shri Shaitan Singh S/o Shri Hem Singh (Lease Area 2.25 Ha., M.L.No. 396/2011) for mining of Bentonite with production capacity 7,000 TPA (ROM). The mine is located near village-Aakli, Tehsil-Sheo, District-Barmer (Rajasthan). The geographical extends of mining lease area are: Latitude: 26 °1'27.59" N to 26° 1' 34.33" N, Longitude: 71°14'43.29" E to 71°14'56.02" E.

Mining lease was granted in favour of Shri Shaitan Singh S/o Shri Hem Singh R/o – Village- Aakli, Tehsil- Sheo, District- Barmer (Rajasthan) vide letter dated 26/07/2013. Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 2,70,000 tones. Life of mine is 38.5 years @ 7000 TPA. At the end of life of mine, total excavated area will be 0.63 ha. which will converted into

water reservoir and 0.76 ha. land will be planted within lease area. Total water requirement for the project will be 5.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 11 m BGL. Ground water table of lease area is 60-70mBGL. Mining will not intersect groundwater table. The cost of the project is 10 Lacs and Environment Protection Cost is 20,000 per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.42). Brick Earth mining STP No. 202, Khasra No. 1363/299, STP Area 0.50 ha with production capacity 9,000 TPA (ROM) by Vaishno Devi Brick Ind., located at Village - Thikriya Kalan, Tehsil & Distt. – Bundi, Rajasthan (0.50 ha)

The proposal of M/s. Vaishno Devi Brick Ind. for Brick Earth STP Area 0.50 ha with production capacity of Brick Earth 9,000 TPA (ROM), in the STP Area 0.50 ha. The STP is located at near Village: Thikariyakalan, Tehsil & District- Bundi (Rajasthan). The geographical co-ordinates of STP area are: Latitude 27°20'51.46" N to 27°20'53.33"N, Longitude - 75°46'49.45"E to 75°46'52.99" E and is covered by Survey of India Toposheet No. 45 O/15. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF & CC.

The STP area was sanctioned in favor of M/s Vaishno Devi brick Ind. by Office of the Mining Engineer Bundi-II Vide order No. 202 on dated 04/03/2013. The permit shall be valid for a period of 5 (five) years. The STP area is 0.50 ha. which is a Private land. There is no forest land involved in the project. The total excavated area will be reclaimed for agriculture & farming. Mining will be carried out through manual opencast method. Transportation will do with the help of trolley & tractor trolley. It was reported by the Project Proponent that there will be no solid waste generated due to Brick Earth mining. Total water requirement for the project will be 2 KLD. which will be met through tanker supply from nearby villages. Ultimate working depth is 2.5 m. It was reported by the Project Proponent that total mineable reserves are 17500 Tonnes. Life of STP is 2 years @ 9,000 TPA. Bench height will be 2.5 m. The estimated cost of the project is Rs. 10 Lacs and cost for Environmental Protection Measures are Rs. 0.20 lac as capital cost and Rs. 0.10 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.43). Cheja Pathar (Masonry Stone) Mine with production capacity 1,73,000 TPA (ROM) (M.L. No. 569/2005) by M/s Shri Kedar Mal Saini S/o Shri Madan Lal Saini, located at Village – Bageshwar, Tehsil – Neem ka Thana, Distt. – Sikar, Rajasthan (1.0 ha)

The proposal of M/s Shri Kedar Mal Saini is for Cheja Pathar (Masonry Stone) Mining Project (M.L. No. 569/2005) with production capacity 1,73,000 TPA (ROM). The mine is located at Near Village: Bageshwar, Tehsil; Neem ka Thana, District: Sikar (Rajasthan). The geographical extends of mining lease area are: Latitude 27°46'12.02"N to 27°46'16.23"N, Longitude - 75°54'20.85"E to 75°54'26.25"E and is covered by Survey of India Toposheet No. 45 M/13. 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 1.0 ha which is Government waste (Non forest) land. The mining lease grant in favour of Shri Kedar Mal Saini S/o Shri Madan Lal Saini, R/o Near Bus Stand, Village Patan, Tehsil- Neem Ka Thana, Dist- Sikar (Raj) on 13/10/2006. The simplified Mining Scheme has been approved by Superintendent Mining Engineer, Department of Mines and Geology, Jaipur Circle, Jaipur vide letter no. SME/JAI/Mining Plan/ P-311/14/2086 dated 26.06.2014. Mining will be carried out through semi-mechanized open-cast method. Blasting shall be done on contractual basis by licenses person/agency with controlled blasting by adopting all the safety

measures as per mines act and with the permission of DGMS. At the end of life of mine, Out of the total 1.0 ha lease area, about 0.80 area will be excavated and will be converted as water reservoir and remaining 0.20 ha will be used in Green belt on around the lease. It was reported by the Project Proponent that at the conceptual stage, total waste material of about 25900 cum which also be sold as second grad mineral. Stripping ratio is 1:0.03.

Total water requirement for the project will be 3.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 25 m (Mining will not intersect groundwater table level). Ground water table is 70 m bgl. Life of mine is 4 years @ 173000 TPA. The estimated cost of the project is Rs. 10 Lakh and cost for Environmental Protection Measures are Rs. 0.5 Lakh as capital cost and Rs. 0.50 Lakh 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;

(iv) List of wild animals sited in Project area or neighborhood ; and

(v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.44). Limestone (Minor Mineral) Mining with production capacity 85,000 TPA (ROM) (M.L. No. 13/2013) by M/s Shri Gordhan Das S/o Shri Durga Lal Agarwal, located at Village - Manakpur, Tehsil & District – Nagaur, Rajasthan (4.0 ha)

The proposal of M/s Shri Gordhan Das is for Limestone Mining Project with production capacity 85,000 TPA (ROM) in the MLA of 4.00 ha. The mine lease area is located Near Village – Manakpur, Tehsil & District - Nagaur (Rajasthan). The geographical extends of mining lease area are: Latitude: 26°53'3.88"N to 26°53'11.96"N, Longitude: 73°32'3.72"E to 73°32'10.55"E. 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 was granted in favour of Shri Gordhan Das Agarwal S/o Shri Durga Lal Agarwal, R/o 243, Purohit Ji Ka Katla, Johari Bazar, Jaipur (Rajasthan) over an area of 4.00 hectares by Superintending Mining Engineer Mines & Geology Department Government of Rajasthan Nagaur vide Letter dated 01/10/2013. Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 9,00,000 Tones. Life of mine is 10.58 years @ 85000 TPA. At the end of life of mine, total excavated area will be 1.93 ha. which will converted into water reservoir and 1.48 ha. land will be planted within lease area. Total water requirement for the project will be 5.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 300 mRL (15 mbgl). Ground water table of lease area is 255-245 mRL (60-70mBGL). Mining will not intersect ground water table. The cost of the project is 50 Lacs and Environment Protection Cost is 1.00 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.45). Masonary Stone (Minor Mineral) Mine with production capacity 2,00,000 TPA (ROM) (M.L. No. 324/08) by M/s Shri Dilip Singh Shekhawat, located at Village - Toda, Tehsil–Neem ka Thana, Distt.–Sikar, Rajasthan (1.00 ha)

The proposal of M/s Shri Dilip Singh Shekhawat is for Masonry Stone Mining with production capacity 2,00,000 TPA (ROM) in the MLA of 1.00 ha. The mine lease area is located Near Village – Toda, Tehsil -Neem Ka Thana, District - Sikar (Rajasthan). The geographical extends of mining lease area are: Latitude: 27°39'0.72"N to 27°39'3.07"N, Longitude: 75°54'33.24"E to 75°54'38.37"E. 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 was granted in favour of Shri Dillip Singh Shekhawat S/o Shri Jorawar Singh Shekhawat, R/o 71, Jyoti Nagar, 100 fit road, Shobhagpura, Tehsil – Girawa, District - Udaipur (Rajasthan) for mineral Masonry Stone over an area of 1.00 hectares by Mining Engineer Mines & Geology Department Government of Rajasthan Sikar vide Letter dated 29/07/2013.

Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 1090125 Tones. Life of mine is 5 years @ 2,00,000 TPA. At the end of life of mine, total excavated area will be 0.67 ha which will converted into water reservoir and 0.33ha will be used for plantation inside the lease area. Total water requirement for the project will be 5.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 454 mRL(54 mbgl). Ground water table is 448-438 mRL (60-70mBGL). Mining will not intersect groundwater table. The cost of the project is 20 Lacs and Environment Protection Cost is 0.40 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;

(iv) List of wild animals sited in Project area or neighborhood ; and

(v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.46). Granite Mine (Minor Mineral) with production capacity 32,636 TPA (ROM) (M.L. No. 23/2012) by M/s Shri Shankar Lal Sahu, located at Village – Chandma, Tehsil – Sarwar, Distt – Ajmer, Rajasthan (1.6884 ha)

The proposal of M/s Shri Shankar Lal Sahu is for Granite (Minor Mineral) Mining Project with production capacity 32,636 TPA (ROM) in M.L. No. – 23/2012 and M.L. Area 1.6884 ha. The MLA is located Near Village - Chandma, Tehsil - Sarwar, District - Ajmer (Rajasthan). The geographical extends of mining lease area are: Latitude: 26°7'2.5" N to 26°7'14.12" N, Longitude: 75°51'18.52" E to 75° 51' 30.68" E. 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 was granted in favour of Shri Shankar Lal Sahu S/o Shri Banshidhar Sahu, R/o, Village - 42, Civil Lines, Shiv Marg, Raj Bhawan Road, Jaipur vide letter dated 05/09/2013. Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 510500 tones. Life of mine is 16 years @ 32636 TPA. At the end of life of mine, total excavated area will be 1.3820 ha. which will converted into water reservoir and 0.050 ha land will be planted within lease area. Total water requirement for the project will be 10.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 355 mRL (25m BGL). Ground water table of lease area is 340-330 mRL (40-50mBGL). Mining will not intersect groundwater table. The cost of the project is 50 Lacs and Environment Protection Cost is 1 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.47). Masonary Stone (Minor Mineral) Mine with production capacity 2,00,000 TPA (ROM (M.L. No. 321/2008) by M/s Shri Shakti Singh Chundawat, located at Village - Toda, Tehsil – Neem ka Thana, Distt. – Sikar, Rajasthan (1.00 ha)

The proposal of M/s Shri Shakti Singh Chundawat is for Masonry Stone (Minor Mineral) with production capacity 2,00,000 TPA (ROM) in M.L. No. – 321/2008 and M.L. Area 1.0 ha. The MLA is located at Village - Toda, Tehsil-Neem Ka Thana, District-Sikar (Rajasthan). The geographical extends of mining lease area are: Latitude: 27°38'58.12" to 27°39'0.75" N, Longitude: 75° 54' 33.22" to 75° 54'37.8"E. 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 was transferred in favour of Shri Shakti Singh Chundawat S/o Shri Kan Singh Chundawat R/o Village – Kaliyas, Tehsil– Asind, District–Bhilwara (Rajasthan) by order dated 31-10-2011. Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 898875 tones. Life of

mine is 4.5 years @ 20000 TPA. At the end of life of mine, total excavated area will be 0.67 ha. which will converted into water reservoir and 0.33 ha land will be planted inside lease area. Total water requirement for the project will be 5.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 450 mRL (30m BGL). Ground water table of lease area is 448-438 mRL(32-42mBGL). Mining will not intersect groundwater table. The cost of the project is 20 Lacs and Environment Protection Cost is 40000 per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.48). Limestone Mining Project with production capacity 39,055.08 TPA (ROM) (M.L. No. 176/2013) of M/s Netto Alloys Pvt. Ltd., located at village-Manakpur, Tehsil & District-Nagaur, Rajasthan (2.4281ha)

The proposal of M/s Netto Alloys Pvt. Ltd. is for Limestone Mining Project with production capacity 39,055.08 TPA (ROM) in M.L. No. – 176/2013, M.L. Area 2.4281 ha. The mine lease area is located at Village – Manakpur, Tehsil & District - Nagaur (Rajasthan). The geographical extends of mining lease area are: Latitude: 26°54'9.97"N to 26°54'15.27"N, Longitude: 73°32'51.38"E to 73°32'52.89"E. 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 was granted in favour of M/s. Netto Alloys Pvt. Ltd., R/o-6-7, Large Scale Industrial Area, Kansua Road, Kota (Rajasthan) over an area of 2.4281 hectares by Mining Engineer Mines & Geology Department, Government of Rajasthan Jaipur vide Letter dated 15/01/2014.

Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 238633.2 Tones. Life of mine is 6 years @ 39055.08 TPA. At the end of life of mine, total excavated area will be 1.165 ha which will converted into water reservoir and 1.2631 ha will be planted within the lease area. Total water requirement for the project will be 5.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 308 mRL (10 mbgl). Ground water table of lease area is 258-248 mRL(60-70mBGL). Mining will not intersect groundwater table. The cost of the project is 50 Lacs and Environment Protection Cost is 1,95,275 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of

negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.49). Mining of Cheja Pathar (Masonry Stone) (M.L. No. 94/2005) Mineral with production capacity 2,54,000 TPA (ROM) by M/s Shri Ashok Kumar S/o Shri Ram Kumar Gurjar, located at Village - Kundala ki Dhani, Tehsil - Neem ka Thana, Distt - Sikar (Rajasthan) (1.0 ha)

The proposal of M/s Shri Ashok Kumar S/o Shri Ram Kumar Gurjar is for Cheja Pathar (Masonry Stone) Mining Project (M.L. No. 94/2005, M.L. Area 1.0 ha,) with Proposed Production of 2,54,000 TPA (ROM). The mine lease area is located at Village: Kundala Ki Dhani, Tehsil –Neem Ka Thana, District-Sikar (Rajasthan). The geographical extends of mining lease area are: Latitude 27°46'05.84"N to 27°46'09.75"N, Longitude - 75°54'09.70"E to 75°54'06.66"E and is covered by Survey of India Toposheet No. 45 M/13. 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 was granted in favour of Shri Vikram Meena S/o Shri Rameshwar Dyal Meena, R/o Hulmana Kalan, Post Bijwad Tehsil Mundawar, Distt- Alwar (Rajasthan) on 26/08/2006 and Mining lease transfer in favour of Shri Ashok

Kumar S/o Shri Ram Kumar Gurjar on 26.09.2011. Mining will be carried out through semi-mechanized open-cast method. Blasting will be done to break the hard strata, simple hand tools will be used for mining with controlled blasting by adopting all the safety measures as per mines act and with the permission of DGMS. Out of the total 1.0 ha lease area, about 0.81ha area will be excavated and will be converted as water reservoir and remaining 0.19 ha will be used in Green belt around the lease. Total water requirement for the project will be 3.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 25 mRL. Mining will not intersect groundwater table level. Ground water table is 70-80 m bgl. Life of mine is 4 years @ 254000 TPA. The estimated cost of the project is Rs. 10 Lakh and cost for Environmental Protection Measures are Rs. 0.5 Lakh as capital cost and Rs. 0.50 Lakh 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;

(iv) List of wild animals sited in Project area or neighborhood ; and

(v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.50). Granite Mining Project with production capacity 28,080 TPA (ROM) (M.L.No. 2474/2012) by M/s Smt. Gopali Devi Meena, located at village - Hukumpura, Bamlas, Tehsil - Udaipurwati, District, Jhunjhunu Rajasthan (3.0 Ha.)

The proposal is M/s Smt. Gopali Devi Meena is for Granite (Minor Mineral) Mining Project with production capacity 28,080 TPA (ROM) in M.L. No. – 2474/2012 & M.L. Area 3.0 ha. The mine lease area is located Near Village - Bamlas, Hukumpura, Tehsil - Udaipurwati, District - Jhunjhunu (Rajasthan). The geographical extends of mining lease area are: Latitude: 27° 54' 28.05" N to 27° 54' 47.9" N, Longitude: 75° 33' 22.3" E to 75° 33' 33.27" E. 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 granted in favour of Smt. Gopali Devi Meena W/o Shri Kailash Chand Meena, R/o – 80/154, Pratap Nagar, Jaipur (Raj.) vide letter Date 10/09/2012. Method of mining will be opencast semi mechanized mining method. The total mineable reserves are 5,50,550 tones. Life of mine is 20 years @ 28,080 TPA. At the end of life of mine, total excavated area will be 2.01 ha. which will converted into water reservoir and 0.99 ha land will be planted within lease area. Total water requirement for the project will be 10.0 KLD which will be used for domestic as well as dust suppression purpose and sourced from nearby village. Ultimate working depth is 385 mRL. Ground water table of lease area is 350-345 mRL (50-55mBGL). Mining will not intersect groundwater table. The cost of the project is 50 Lacs and Environment Protection Cost is 1 Lac per annum.

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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-considered **without calling the PP** after receipt of the above mentioned information.

(2.51) Bajri Mine (Minor Mineral) with production capacity 23,100 TPA (ROM) (M.L.No. 9/2013) by M/s Shri Kailash Chand Meena, location at Village – Renkhera, Tehsil – Rawatbhata, Distt. – Chittaurgarh, Rajasthan (17.37 ha)-TORs

The proposal of M/s Shri Kailash Chand Meena is for Bajri Mining with production capacity 23,100 TPA (ROM) in M.L. No. – 9/2013 & M.L. Area 17.37 ha., Near Village – Ren Khera & Vijaypur, Tehsil- Rawatbhata , District - Chittorgarh (Rajasthan). The geographical extends of mining lease area are: Latitude : 24°48'48.9"N to 24°50'44.6"N, Longitude: 75°42'47.0"E to 75°44'09.4"E. 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 grant in favour of Shri Kailash Chand Meena S/o Late Sh. Shiv Shai Meena, R/o – Village Khori, Post – Banskoh, Tehsil- Bassi, District-Jaipur (Raj.) over an area of 17.37 hectares. Method of mining will be opencast manual mining method. Depth of mining will be maximum 2 m depth. Life of mine cannot be

estimated because river itself replenishes the excavated area every year. Maximum production proposed is @ 23100 TPA. Lease area is for 5 years. Total water requirement for the project will be 8 KLD. There is no National Park, Wild Life sanctuaries, Biosphere Reserves, Tiger Reserves, Wildlife Corridors etc. within 10 km radius. The cost of the project is 20 Lacs and Environment Protection Cost is 0.40 Lac per annum.

Based on the discussion held in the meeting, EAC **prescribed the TORs subject to submission of** the following documents:-

- (i) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006; and
- (iii) Details of Court Case/ litigation pending, if any.

(2.52). Masonry Stone Mine with production capacity 30,000 TPA (ROM) (M.L.No. 419/2010) by M/s Shri Ranjeet Singh, located near village-Telewali ki Dhani (Tan Toda), Tehsil-Neem ka Thana, District-Sikar (Rajasthan) Rajasthan (1.0 ha)

The proposal of M/s Shri Ranjeet Singh is for Masonry Stone Mining Project with production capacity 30,000 TPA (ROM) in the M.L. No. – 419/2010 & M.L. Area 1.00 ha. The MLA is located Near Village – Telewali Ki Dhani (Tan Toda), Tehsil -Neem Ka Thana, District–Sikar (Rajasthan). The geographical extends of mining lease area are Latitude: 27°37'38.34"N to 27°37'43.75"N, Longitude: 75°54'35.25"E to 75°54'37.69"E. 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 grant in favour of Shri Ranjeet Singh is for Masonry Stone Mining Project with production capacity 30,000 TPA (ROM) in the M.L. No. – 419/2010 & M.L. Area 1.00 ha. The MLA is located Near Village – Telewali Ki Dhani (Tan Toda), Tehsil -Neem Ka Thana, District–Sikar (Rajasthan) Shri Kailash Chand Meena S/o Late Sh. Shiv Shai Meena, R/o – Village Khori, Post – Banskoh, Tehsil- Bassi, District- Jaipur (Raj.) over an area of 17.37 hectares. Method of mining will be opencast manual mining method. Depth of mining will be maximum 2 mtr depth. Life of mine cannot be estimated because river itself replenishes the excavated area every year. Maximum production proposed is @ 23100 TPA. Lease area is for 5 years. Total water requirement for the project will be 8 KLD. There is no National Park, Wild Life sanctuaries, Biosphere Reserves, Tiger Reserves, Wildlife Corridors etc. within 10 km radius. The cost of the project is 20 Lacs and Environment Protection Cost is 0.40 Lac per annum.

Based on the discussion held in the meeting, EAC **prescribed the TORs subject to submission of** the following documents:-

- (i) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006; and
- (iii) Details of Court Case/ litigation pending, if any.

(2.53). Brick Earth Mine with production capacity 11,025 TPA (ROM) (M.L.No. 12/2014) by M/s Laxmi Brick Udyog, located at Village – Meerapur, Tehsil – Kotputli, Distt. – Jaipur, Rajasthan (0.92 ha)

The proposal of M/s. Laxmi Brick Udyog is for Brick Earth with production capacity of Brick Earth 11,025 TPA (ROM) in the STP Area 0.92 ha. The STP. The mine is located at near Village – Meerapur, Tehsil- Kotputli, District – Jaipur (Raj.). The geographical co-ordinates of STP area are: Latitude 27°39'42.67" N to 27°39'52.02"N, Longitude - 76°02'31.86"E to 76°02'36.23" E and is covered by Survey of India Toposheet No. 54A/02. This is a category 'B' project. As the tenure of SEIAA Rajasthan has expired, the proposal is being examined in the MoEF & CC.

The STP area was sanctioned in favor of M/s. Laxmi Brick Udyog by Office of the Mining Engineer, Kotputli on dated 28/07/2014. The STP area is 0.92 ha which is a Private land. There is no forest land involved in the project. The total excavated area will be reclaimed for agriculture & farming. The Simplified mining Scheme has been approved in favor of M/s Laxmi Bricks Udhdyog on dated 14/4/2014.

Mining will be carried out through manual opencast method. Transportation will do with the help of trolley & tractor trolley. It was reported by the Project Proponent that there will be no solid waste generated due to Brick Earth mining. Total water requirement for the project will be 2 KLD, which will be met through tanker supply from nearby villages. Ultimate working depth is 4.5 m. It was reported by the Project Proponent total mineable reserves are 55,125 Tonnes. Life of mine is 5 years @ 11025 TPA. Bench height will be 2.5 m. It was reported by the Project Proponent that there is no court case/ litigation pending against the project and there is no violation of EPA Act. The estimated cost of the project is Rs. 10 Lacs and cost for Environmental Protection Measures are Rs. 0.20 lac as capital cost and Rs. 0.10 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 Report is to be prepared in the instant case nor any Public Hearing is to be conducted in light of negligible impact of the Project activity on Environment. The PP has submitted the hard copy of Form I, PFR and approved Mine Plan.

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) Copy of the Application/File of the proposal submitted/Processed/Appraised earlier in SEIAA/SEAC Rajasthan may be submitted;
- (ii) Year wise production details of minerals since 14.09.2006;
- (iii) 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;
- (iv) List of wild animals sited in Project area or neighborhood ; and
- (v) Details of Court Case/ litigation pending, if any.

The Committee decided that the Proposal be **deferred and that** the same be re-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

S. No.	Terms of Reference (TORs)
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 scheduled-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.

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 ₁₀ , SO ₂ and NO _x), 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 ₁₀ , 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)	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.
23)	Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
24)	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.
25)	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.
26)	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.
27)	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.
28)	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.
29)	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.
30)	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.
31)	Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA report.
32)	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.
33)	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.
34)	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.
35)	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.
36)	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.
37)	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.
38)	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.
39)	Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the project should be given.
40)	The cost of the project (capital cost and recurring cost) as well as the cost towards implementation of EMP should clearly be spelt out.

* * *

List of Participants

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|-----|---|------------------|
| 1. | Shri M. S. Nagar | Chairman |
| 2. | Dr. S. Subramaniyan | Member |
| 3. | Dr. L. Ajay Kumar | Member |
| 4. | Shri P.K. Verdia | Member |
| 5. | Prof. G.S. Roonwall | Member |
| 6. | Prof. A. K. Bhatnagar | Member |
| 7. | Dr. D Mohamed Kizhar Irshath | Member |
| 8. | Dr. V.P. Upadhyay Director, MoEF | Member Secretary |
| 9. | Dr. R. B. Lal, Joint Director, MoEF | |
| 10. | Dr. Sonu Singh, Deputy Director, MoEF | |
| 11. | Representatives of M/s Shri Rajendra Kumar Chandaliya | |
| 12. | Representatives of M/s Mahesh Mantri | |
| 13. | Representatives of M/s Hindalco Industries Limited | |
| 14. | Representatives of M/s S. Sohan Singh Joginder Singh & Co | |
| 15. | Representatives of M/s Grahwal Mandal Vikas Nigam Ltd | |
| 16. | Representatives of M/s Hitesh Goyal | |
| 17. | Representatives of M/s Shri Ravindra Agarwal | |
| 18. | Representatives of M/s Deejay Mining & Exports (P) Limited | |
| 19. | Representatives of M/s Shri Manoj Kumar | |
| 20. | Representatives of M/s Status Impex Private Limited | |
| 21. | Representatives of M/s Deejay Mining & Exports (P) Limited | |
| 22. | Representatives of M/s Zignego Company INC & GHV (India) Pvt. Ltd | |
| 23. | Representatives of M/s Shree Bhagwati Granite Pvt. Ltd | |
| 24. | Representatives of M/s Subhash Chand | |
| 25. | Representatives of M/s Smt. Baya Devi | |
| 26. | Representatives of M/s Chevron Minerals & Mines Pvt. Ltd | |
| 27. | Representatives of M/s Shri Vijendra Singh | |
| 28. | Representatives of M/s Sh. Vijay Kumar Soni | |
| 29. | Representatives of M/s Shri Ranjeet Singh | |
| 30. | Representatives of M/s Balaji Granites | |
| 31. | Representatives of M/s Shri Vijendra Singh | |
| 32. | Representatives of M/s Arvind Dhawan Budh Singh | |
| 33. | Representatives of M/s Mohunta Mining of Manufacturing Co. Pvt. Ltd | |
| 34. | Representatives of M/s Ullikallu Dolomite Mine Pvt. Ltd | |
| 35. | Representatives of M/s K. Rajamohan Reddy | |
| 36. | Representatives of M/s Steel Authority of India Ltd | |
| 37. | Representatives of M/s Jakra Mines & Minerals | |
| 38. | Representatives of M/s K.N. Cement | |
| 39. | Representatives of M/s Shaik Jamal Vali | |
| 40. | Representatives of M/s Vedanta Washery & Logistic Solutions Pvt. Ltd | |

41. Representatives of M/s **Smt. Bindu Kanwar**
42. Representatives of M/s **Shri Shankar Lal Sahu**
43. Representatives of M/s **Mateshwari Granites**
44. Representatives of M/s **Nairaniya Mines**
45. Representatives of M/s **Chevron Minernal & Mine Pvt. Ltd**
46. Representatives of M/s **Ansh Manufacturing Pvt. Ltd**
47. Representatives of M/s **Shri Shaitan Singh**
48. Representatives of M/s **Vaishno Devi Brick Ind.**
49. Representatives of M/s **Shri Kedar Mal Saini**
50. Representatives of M/s **Shri Gordhan**
51. Representatives of M/s **Shri Dilip Singh Shekhawat**
52. Representatives of M/s **Shri Shankar Lal Sahu**
53. Representatives of M/s **Shri Shakti Singh Chundawat**
54. Representatives of M/s **Netto Alloys Pvt**
55. Representatives of M/s **Shri Ashok Kumar**
56. Representatives of M/s **Smt. Gopali Devi Meena**
57. Representatives of M/s **Shri Kailash Chand Meena**
58. Representatives of M/s **Shri Ranjeet Singh**
59. Representatives of M/s **Laxmi Brick Udyog**
