

Minutes of 524th SEAC Meeting Dated 18/02/2021

The 524th meeting of SEAC was held through video in view of the Corona Virus Disease (Covid-19) on 18/02/2021. Following members were participated in the online meeting:

1.	Dr. S.N. Singh,	Chairman
2.	Dr. Sarita Sinha,	Member
3.	Dr. Virendra Misra,	Member
4.	Dr. Pramod Kumar Mishra,	Member
5.	Dr. Ranjeet Kumar Dalela,	Member
6.	Dr. Ajoy Kumar Mandal,	Member
7.	Shri Rajive Kumar,	Member
8.	Shri Meraj Uddin,	Member

The Chairman welcomed the members to the 524th SEAC meeting which was conducted online.
The SEAC unanimously took following decisions on the agenda points discussed:

1. Sand/Morrum Mining having from Yamuna River Bed in Gata No.-553, 554, at Village-Issopur Khurgan, Tehsil-Kairana, Shamli, U.P., M/s Devansh Infra (Leased Area-3.96 Ha). File No. 4661/Proposal No. SIA/UP/MIN/30986/2019

The committee noted that the matter was earlier discussed in 452nd SEAC meeting dated 15/02/2020 and directed as follows:

“The Secretariat informed the committee that the project proponent submitted a letter dated 04/02/2020 through which they have informed that approx. 80-90% of the mining lease area is in-stream of the river and as per SSMMG rules, 2016, the in-stream mining is prohibited. The project proponent requested to form a subcommittee for spot verification/site inspection of the project site.

The committee discussed the letter dated 04/02/2020 submitted by the project proponent and decided that a letter should be sent to District Magistrate, Shamli and District Mining Officer, Shamli for providing the factual report of the leased area. The copy of the letter should also be sent to Director, Geology and Mining Department, Lucknow for necessary action.”

The Secretariat sent a letter dated 29/05/2020 to District Magistrate, Shamli for providing the factual report of the site. District Magistrate, Shamli provided the factual report to the Directorate vide letter dated 18/01/2021.

RESOLUTION AGAINST AGENDA NO-01

The committee observed that as per factual report received from District Magistrate, Shamli vide letter no. 4190/kha.vi./2021 dated 18/01/2021, workable area is only 32% of the total mining lease area. However, the minable quantity of sand to be excavated as per SSMG, 2016 is not mentioned in the factual report. **In view of this, verified lease map along with geo-coordinates of workable & non workable area with mineable quantity is also required for appraisal:**

2. Stone Crusher Unit at Khasra No.-70/3/1,70/3/1,70/2,68/2, 68/3/2, 68/1, Village- Dhaba, Raipur, Tehsil-Behat, Saharanpur, U.P., M/s Salamti Stone Crusher. File No. 5836

The committee noted that the matter was earlier discussed in 520th SEAC meeting dated 11/01/2021 and directed the project proponent to submit following information.

1. Raw material storage license permission from DM should be submitted.
2. Provision of Anti-smog gun to mitigate air pollution.

The project proponent submitted their replies vide letter dated 27/01/2021. Hence, the matter was listed in 524th SEAC meeting dated 18/02/2021. A presentation was made by the project proponent along with their consultant M/s ENV DAS India Private Limited. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Stone Crusher Unit at Khasra No.-70/3/1,70/3/1,70/2,68/2, 68/3/2, 68/1, Village- Dhaba, Raipur, Tehsil-Behat, Saharanpur, U.P., M/s Salamti Stone Crusher.
2. Existing and proposed facilities on Stone Crusher Site:

Sl. No.	Existing Facilities	Remarks
1.	DG set (02)	380 KVA & 82.5 KVA
2.	Jaw Crusher	01
3.	Granulator	01
4.	Vibrator Screen	04
5.	Rotapactor	02
6.	Water storage tank (01)	2000 L Capacity
7.	Road in the premises	Road in the premises exist (400ft long x 10ft wide)
8.	One row plantation	Exist
Sl. No.	Proposed Facilities	Remarks
1.	Plantation	Will cover 0.55 ha (in two row plantation)
2.	Rain Water Harvesting Structure	Area: 1500 m ² ; Depth: 2 m
3.	Wind Breaking wall	In predominant wind direction
4.	Water settling/recycling tank (03)	30 ft long X 10 ft wide

3. Salient features of the project as submitted by the project proponent:

Sl.No.	Item	Details
1.	File No.	5836
2.	Name of the project	Stone Crusher Unit of M/s Salamati Stone Crusher located at Khasra No. 70/3/2, 70/3/1, 70/2, 68/2, 68/3/2, 68/1, Dhaba, P.O.- Raipur, Pargana- Faizabad, Tehsil- Behat, District- Saharanpur (U.P.)
3.	Name of the applicant and registered address	Shri Saidur Rahman S/o Shri Sageer Ahmad R/o Village-Dhaba, P.O. Raipur, Tehsil- Behat, District- Saharanpur (U.P.)
4.	No. in the schedule	Not covered in the schedule of EIA Notification 2006 (as amended)
5.	Category of Project i.e. 'A' or 'B'	Not applicable as it is not in the schedule of EIA Notification 2006 (as amended)
6.	Proposed capacity	Production capacity: Stone, Grit, River Stone - 220 MT/day
8.	Area of the Crusher Plant	16,910 m ² / 4.17 acres/ 1.691 ha
9.	Geographical location of the crusher unit	Latitude - 30°15'54.30"N Longitude - 77°34'19.20"E

10.	Nearest Railway station/airport	Sarsawa Railway Station- 30 km*(SW) Sarsawa Airport- 33 km*(SW)
11.	Highways	MDR-1.2 km*(E) SH57- 5.4 km* (SE)
12.	Interstate boundary	Uttar Pradesh-Haryana: 2.6 km* (E)
13.	Water body	Yamuna River flowing at 2.4 km* (NW)

RESOLUTION AGAINST AGENDA NO-02

The committee observed that the stone crusher unit is not listed in the schedule of EIA Notification, 2006 (as amended). The committee discussed the matter in view of Ministry of Environment and Forests, Govt. of India circular no. J-11013/41/2006-IA.II(I) dated 22/09/2008 and Hon'ble National Green Tribunal, New Delhi order dated 19/07/2017 in the matter of OA No. 479/2016 (MA No. 902/2016) Pravesh Vs MOEF&CC and recommended grant of environmental clearance for the project proposal in compliance of Hon'ble NGT order along with following general and specific conditions:

The stone crusher will be operational only after getting the storage license/source of material from the concerned department and ensuring availability of required water through rain water harvesting as proposed, since the ground water harnessing is not permitted by competent authority.

A. General Conditions:

1. No change in mining technology and scope of working should be made without prior approval of the competent authority.
2. No change in the calendar plan including excavation, quantum of mineral Sand, Gravel, Boulders (minor mineral) and waste should be made.
3. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
4. The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.
5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10micron i.e., PM10) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
6. Data on ambient air quality should be regularly submitted to the SEIAA and the State Pollution Control Board / Central Pollution Control Board once in six months. Provisions contained in notification no. B-29016/20/90/PCI-I dated 18.11.2009, (as amended) should be followed for monitoring.
7. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
9. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
10. A separate environmental management cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.

11. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically.
12. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Chandigarh by e-mail.
13. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the web site of the Ministry of Environment, Forests & Climate Change, Govt. of India.
14. The unloading area, crushers and conveyor belts to be covered with foldable sheets and provided with dust suppression equipment. Jets of water to be provided at the mouth of the crushers to ensure that the stones are thoroughly wet during the crushing.
15. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. shall be provided with ear plugs / muffs and health record of the workers shall be maintained.
16. Industrial waste water (workshop and waste water from the premises) should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. Oil and grease trap shall be installed before discharge of work shop effluents.
17. Personnel working in areas shall be provided with protective respiratory devices like nose mask and they shall also be imparted adequate training and information on safety and health aspects.
18. Special measures shall be adopted to prevent the nearby settlements from the impacts of stone crushing activities.
19. The transportation of the materials shall be limited to day time only.
20. Provision shall be made for the housing of the labourers within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical healthcare, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
21. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the MoEF, GoI, Lucknow and State Pollution Control Board.
22. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of The Environment (Protection) Act, 1986.

B. Specific Conditions:

1. In case any contrary clarification is given by MoEF&CC, Govt. of India, the environmental clearance should be modified accordingly.
2. In compliance to Hon'ble Supreme Court order dated 13/01/2020 in IA no. 158128/2019 and 158129/2019 in Writ petition no. 13029/1985 (MC Mehta Vs GOI and others) anti smog guns shall be installed to reduce dust pollution during operation.
3. As per the Hon'ble NGT order, the source of raw material (storage licence) should be provided before initiation of the project.

4. This environmental clearance does not create or verify any claim of applicant on the proposed site/activity.
5. This environmental clearance shall be subject to valid CTE & CTO obtained from SPCB in favour of project proponent for the proposed handling capacity of stones (minor mineral).
6. Water shall be sprayed at the Crushing Site and roads used for transportation to mitigate the dust problem.
7. Annual replenishment report certified by an authorized agency shall be submitted. In case the replenishment is low, the mining activity / production levels shall accordingly be decreased / stopped.
8. Effective safeguard measures shall be taken to control particulate matter level so as to ensure that these are within permissible limit.
9. Regular monitoring of ambient air quality shall be carried out and records maintained. The results of monitoring shall be submitted to SEIAA and Regional Office, MoEF&CC and SPCB regularly.
10. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried-out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
11. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office Chandigarh, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.
12. The project proponent shall obtain necessary prior permission from the competent authority for drawl of requisite quantity of water for the project.
13. Appropriate mitigative measures shall be taken to prevent pollution of the river in consultation with the State Pollution Control Board. It shall be ensured that there is no leakage of oil and grease in the river from the vehicles used for transportation.
14. Vehicular emissions shall be kept under control and regularly monitored. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
15. No drilling and blasting operation shall be carried out.
16. Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.
17. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
18. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
19. The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Central Ground Water Board.
20. A comprehensive EIA including stone crusher units within 15 km to assess impact of the stone crushers on the surrounding area shall be undertaken and report shall submitted to this Authority within one year.

21. Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO /Agriculture Department. Herbs and shrubs shall also form a part of afforestation programme besides tree plantation. The company shall involve local people for plantation programme. Details of year wise afforestation programme shall be submitted to the Regional Office, MoEF&CC, GoI, Lucknow every year.
22. Thick plantation (3 rows in 10 m wide belt) of native trees having dense foliage and broader leaves and shrubs shall be carried out at the periphery of the crusher premises and shall be maintained. Any mortality of trees should be replaced.
23. Rain water harvesting shall be undertaken to recharge the ground water source.
24. A grit settling tank/sedimentation tank of sufficient capacity shall be constructed within the premises of the crusher unit to collect the spent wash/excess water used in air pollution control measures. The water thus collected should be treated & recycled back for the same practices. Fine particle (silt) thus arrested in the tank should be desilted at regular intervals.
25. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
26. Trenches/ garland drains shall be constructed around the periphery of the crusher and necessary wherever and coco filters installed at regular intervals to arrest silt from being carried to water bodies. Adequate number of Check Dams and Gully Plugs shall be constructed across seasonal/perennial nallahs, if any flowing through the crusher plant and silts arrested. De- silting at regular intervals shall be carried out.
27. Garland drain of appropriate size, gradient and length shall be constructed and sump capacity shall be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains and de- silted at regular intervals.
28. Noise generating equipment such as generators, compressors are to be provided with appropriate noise attenuating jackets/materials/ structures. Proper and regular maintenance of equipment to be carried out.
29. The waste water from the crusher plant shall be treated to conform to the prescribed standards before discharging in to the natural stream. The discharged water, if any shall be regularly monitored and report submitted to the Regional Office, Ministry of Environment & Forests, GoI, Lucknow and the State Pollution Control Board.
30. Project Proponent shall explore the possibility of using solar energy where ever possible.
31. Regular health check-up record of the mine workers has to be maintained at site in a proper register. It should be made available for inspection whenever asked.
32. Project Proponent has to strictly follow the direction/guidelines issued by MoEF&CC, CPCB and other Govt. agencies from time to time.
3. **Sand/Morrum Mining from Betwa River Bed in Khand No.-10/5, Village- Beri, Hamirpur., Area- 36.437Ha(परियोजना प्रस्तावक के पत्र, दिनांक 11.01.2021 पर विचार-विमर्श) File No. 4483/Proposal No. SIA/UP/MIN/29076/2018**

RESOLUTION AGAINST AGENDA NO-03

The Secretariat informed the committee that the project proponent submitted a letter dated 11/01/2021 through which they have informed that most of the mining lease area is in-stream of the river and as per SSMMG rules, 2016, the in-stream mining is prohibited. The project proponent requested to assess the quantity of mining lease area.

The committee discussed the letter dated 11/01/2021 submitted by the project proponent and decided that a letter should be sent to District Magistrate, Hamirpur and District Mining Officer, Hamirpur for providing the factual report of the leased area. The copy of the letter should also be sent to Director, Geology and Mining Department, Lucknow for necessary action.

4. Sand/Morrum Mining along Ken River Bed in Gata No.-176(Part) 179, 180, 180, 177, 147(Part),144(Part), 141(Part), 143, 145, 142, 122, 121, 114(Part), (Block No.-06) at Village-Sandikhadar, Tehsil- Pailani, Banda, U.P.,M/s Silver Line Auto Mobiles, Lease Area: 46.00 ha. File No. 4216/Proposal No. SIA/UP/MIN/ 24268/2018

RESOLUTION AGAINST AGENDA NO-04

The committee noted that O.A. No. 208/2019 (Sandeep Kumar Singh Vs. MoEF&CC) is sub-judice in Hon'ble NGT.

5. Building Stone,(Sand Stone) Mine at Gata No./Araji No./Plot No.- 157, Area-1.616 ha, Village-Sonpur, Tehsil-Chunar, Mirzapur, U.P., M/s Vindhyaivasini Enterprises (Leased Area-1.616 ha). File No. 4720/Proposal No. SIA/UP/MIN/33622/2019

The committee noted that the matter was earlier discussed in 429th SEIAA meeting dated 23/12/2020 and directed as follows:

"SEIAA noted that SEAC has recommended grant of environmental clearance to the above project. SEIAA gone through file and documents and found that no mention has been made in SEAC minutes regarding the CPA Mirzapur. Hence SEIAA opined to refer back the project to SEAC for review."

RESOLUTION AGAINST AGENDA NO-05

As per the direction of SEIAA, the matter was listed in 524th SEAC meeting dated 18/02/2021. The committee observed that an undated notarized affidavit submitted by the project proponent regarding CPA. The SEIAA may take necessary action as per law.

6. श्री विकास पाण्डेय के पत्र दिनांक 24.12.2020 पर विचार-विमर्श

The committee noted that the matter was earlier discussed in 431st SEIAA meeting dated 29/12/2020 and directed as follows:

"SEIAA gone through the letter of Shri Vikas Pandey dated 24.12.2020 regarding illegal mining and opined that the matter shall be refer to SEAC for comments."

RESOLUTION AGAINST AGENDA NO-06

As per the direction of SEIAA, the matter was listed in 524th SEAC meeting dated 18/02/2021. The committee noted that the letter of Shri Vikas Pandey dated 24/12/2020 is not available in the file to comments. Hence, SEIAA is requested to provide the said letter.

7. Sand Mine from Ganga River at Khasra No.-1433, Village- Kadarganj Kham, Tehsil-Patiyali, Kasganj, U.P., (Leased Area-12.00 Ha). File No. 4098/Proposal No. SIA/UP/MIN/73002/2018

The committee noted that the matter was earlier discussed in 446th SEIAA meeting dated 10/02/2021 and directed as follows:

"SEIAA gone through the letter of Shri Arvind Singh Rathore dated 22.10.2020 regarding the above cited subject. SEIAA opined that the letter shall be send to Director, DGM, and DM, Kasganj for necessary action. SEIAA also opined to refer the letter to SEAC for report/comments/ recommendation."

RESOLUTION AGAINST AGENDA NO-07

As per the direction of SEIAA, the matter was listed in 524th SEAC meeting dated 18/02/2021. The SEAC observed that the factual from DM, Kasganj/DGM, U.P. is not available in the file for comments. Hence, no action is required at SEAC level till the receipt of factual report.

8. Commercial Development Ithum's 73, at Plot No.-04 Sector-73, Noida,, M/s Sifal Infotech Pvt . Ltd. File No. 6019/Proposal No. SIA/UP/MIS/184160/2020

The committee noted that the matter was earlier discussed in 436th SEIAA meeting dated 08/01/2021 and directed as follows:

“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through the file and documents and found that project proponent has submitted that 392 KLD waste water will be generated for which a STP of 450 KLD has been proposed. SEAC in its recommendation has mentioned that waste water generation is 118 KLD and STP capacity is 350 KLD. There is a mismatch in FAR calculation also. Area under green belt has not been clarified. SEIAA opined that project shall be referred back to SEAC for review/comments.”

RESOLUTION AGAINST AGENDA NO-08

As per the direction of SEIAA, the matter was listed in 524th SEAC meeting dated 18/02/2021. The committee discussed the matter and directed the project proponent to give presentation before SEAC along with clarification as per SEIAA minutes of meeting dated 08/01/2021.

9. Soil Mining from Khasra No.-447, Village- Tahpur, Tehsil- Laharpur, District- Sitapur, U.P., (Lease Area: 0.591 ha). File No. 6010/Proposal No. SIA/UP/MIN/184699/2020

The committee noted that the matter was earlier discussed in 439th SEIAA meeting dated 11/01/2021 and directed as follows:

“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through file & documents and found that the production quantity mentioned in the application is different from the quantity mentioned in mining plan approval letter. Khasra map with verified geo-coordinates is also not present. Hence SEIAA opined to refer back the project to SEAC for review/comments.”

RESOLUTION AGAINST AGENDA NO-09

As per the direction of SEIAA, the matter was listed in 524th SEAC meeting dated 18/02/2021. The project proponent submitted a letter dated 15/02/2021 through which they have informed that production quantity mentioned in application (for-1, PFR), Approved mine plan is 9207.78 cum which has been rounded off in the approved mine plan letter no. 9207 cum. The project proponent also submitted the khasra map along with verified geo coordinates.

The committee went through the file and documents and found the reply is satisfactory. The SEAC again recommended to grant the environmental clearance for the project proposal along with general and specific conditions earlier stipulated in 515th SEAC meeting dated 28/12/2020.

10. Building Stone (Sand Stone) Mining at Araj No.-428, SI No.-06, Village- Dhuria, Tehsil- Chunar, District- Mirzapur, U.P., area-2.02 ha. File No. 6042/Proposal No. SIA/UP/MIN/59183/2020

The committee noted that the matter was earlier discussed in 439th SEIAA meeting dated 11/01/2021 and directed as follows:

“SEIAA noted that SEAC has recommended to issue ToR to the above project with the following additional ToR:-

1. Consultant could not produce intimation letter regarding commencement of baseline environmental monitoring to UPPCB and District Authorities.

The additional ToR is not clear. Hence SEIAA opined to refer back the project to SEAC for review/comments.”

RESOLUTION AGAINST AGENDA NO-10

As per the direction of SEIAA, the matter was listed in 524th SEAC meeting dated 18/02/2021. The committee noted that during the presentation the project proponent informed that they have already collecting the baseline monitoring data for the preparation of EIA report. Hence the committee add the additional TOR points “Consultant could not produce intimation letter regarding commencement of baseline environmental monitoring to UPPCB and District Authorities”.

The SEAC observed that the intimation letter has been submitted by the project proponent vide letter dated 29/01/2021. Hence, the SEIAA may take necessary action.

11. Brick Earth Mining from Gata No.-69, 360, Village-Ismailpur Urf Navada, Tehsil-Tilhar, Shahjahanpur, M/s Hira Brick Field, Area-2.70 Ha. File No. 5866/Proposal No. SIA/UP/MIN/174957/2020

The committee noted that the matter was earlier discussed in 437th SEIAA meeting dated 09/01/2021 and directed as follows:

“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through the file and documents and found that mine plan approval letter is for 4 years whereas SEAC has made recommendations for 5 years. Hence SEIAA opined that the project shall be referred to SEAC for review/comments.”

RESOLUTION AGAINST AGENDA NO-11

As per the direction of SEIAA, the matter was listed in 524th SEAC meeting dated 18/02/2021. The committee went through the file and documents and found the reply is satisfactory. The SEAC again recommended to grant the environmental clearance for four (4) years to the project proposal along with general and specific conditions earlier stipulated in 513rd SEAC meeting dated 17/12/2020.

12. Earth Mining from Gata No.-(00303), (00266) 730mi, 433, 470, 158, 402, Village-Sehjiana Tihulia,IIra, Puwanyva, Shahjahanpur, M/s Chand Brick Field,Area-2.703 Ha. File No. 5868/Proposal No. SIA/UP/MIN/174949/2020

The committee noted that the matter was earlier discussed in 437th SEIAA meeting dated 09/01/2021 and directed as follows:

“SEIAA noted that SEAC has recommended to grant EC to the above project. SEIAA gone through the file and documents and found that mine plan approval letter is for 5 years whereas SEAC has made recommendation for 3 years and verified geo-coordinates are also not present in the file. Hence SEIAA opined that the project shall be referred to SEAC for review/comments.”

RESOLUTION AGAINST AGENDA NO-12

As per the direction of SEIAA, the matter was listed in 524th SEAC meeting dated 18/02/2021. The project proponent submitted a letter dated 15/02/2021 along with letter dated 15/01/2021 of Dr. Abhay Ranjan, District Mining Officer, Shahjahanpur. The DMO vide letter dated 15/01/2021 informed that due to typographical error in mining approval letter the word mentioned as 05 years instead of 03 years. It should be read as 03 years and other contents shall remain the same. The project proponent also submitted following geo-coordinates verified by Mining Officer, Shahjahanpur:

Gata No.	Pillar	Latitude	Longitude
730 Mi	A	27°57'39.62"N	79°58'34.28"E
	B	27°57'37.64"N	79°58'32.19"E
	C	27°57'34.90"N	79°58'35.65"E
	D	27°57'36.69"N	79°58'37.83"E
433	A	27°57'48.46"N	79°58'55.41"E
	B	27°57'46.05"N	79°58'58.12"E
	C	27°57'43.79"N	79°58'55.72"E
	D	27°57'45.02"N	79°58'54.54"E
	E	27°57'45.89"N	79°58'55.17"E
	F	27°57'47.01"N	79°58'54.07"E
470	A	27°57'56.94"N	79°59'16.82"E
	B	27°57'56.08"N	79°59'15.80"E
	C	27°57'55.45"N	79°59'16.43"E
	D	27°57'56.14"N	79°59'17.58"E
158	A	27°58'1.42"N	79°59'46.52"E
	B	27°58'0.48"N	79°59'45.45"E
	C	27°57'58.76"N	79°59'47.77"E
	D	27°57'59.51"N	79°59'48.91"E
402	A	27°58'6.16"N	79°58'21.07"E
	B	27°58'5.54"N	79°58'20.51"E
	C	27°58'3.77"N	79°58'22.78"E
	D	27°58'4.22"N	79°58'23.27"E

The committee went through the file and documents and found the reply is satisfactory. The SEAC again recommended to grant the environmental clearance for three (3) years to the project proposal along with general and specific conditions earlier stipulated in 513rd SEAC meeting dated 17/12/2020.

13. Granite (Khanda, Gitti, Boulder) Mine at Gata No.- 1876, Khand No.- 03, Village- Girawan, Naraini, District- Banda, U.P., Shri Suresh Pratap Singh, M/s Bajrang Road Lines, Area - 1.41 ha. File No. 6103/Proposal No. SIA/UP/MIN/59596/2021

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Girwan Granite, Khanda, Gitty, Boulder Mining project at Gata No. 1876 (Khand 03), Village- Girwan, Tehsil- Naraini, District - Banda, U.P., of M/s Bajrang Road Lines, Partner- Shri Suresh Pratap Singh, (Leased Area 1.41 ha).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/59896/2021		
File No. allotted by SEIAA, UP	6103		
Name of Proponent	M/s Bajrang Road Lines Partner- Shri Suresh Pratap Singh		
Full correspondence address of proponent and mobile No.	R/o Village and Post- Mau, 584, Katra Lalganj, Tehsil- Gauriganj, District- Amethi, (U.P.)		
	Mobile No-		
	Email-		
Name of Project	Girwan Granite, Khanda, Gitty, Boulder Mining project		
Project location (Plot/Khasra/Gata No.)	Gata No. 1876 (Khand 03)		
Name of River	-		
Name of Village	Girwan		
Tehsil	Naraini		
District	Banda		
Name of Minor Mineral	Granite, Khanda, Gitty, Boulder Mining project		
Sanctioned Lease Area (in Ha.)	1.41		
Max & Min mRL within lease area	Max- 153.10 mRL and Min- 143.10 mRL		
Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25°18'25.54"N	80°22'58.90"E
	B	25°18'27.81"N	80°23'0.21"E
	C	25°18'26.65"N	80°23'0.21"E
	D	25°18'27.81"N	80°23'2.07"E
	E	25°18'27.81"N	80°23'2.35"E
	F	25°18'25.48"N	80°23'5.07"E
	G	25°18'24.06"N	80°23'0.21"E
	H	25°18'22.24"N	80°23'0.67"E
I	25°18'21.98"N	80°22'59.69"E	
Total Geological Reserves	3,53,250 cum		
Total Mineable Reserves in LOI	14,100 cum		
Total Proposed Production	70,500 cum		
Proposed Production/year	14,100 cum		
Sanctioned Period of Mine lease	Maximum 10 years (Mining plan prepared for 5 years)		
Production of mine/day	54.23		
Method of Mining	Open Cast Semi-mechanized Method		
No. of working days	260 days		
Working hours/day	8 hrs		
No. of workers	31		
No. of vehicles movement/day	8		

Type of Land	Government waste land	
Ultimate Depth of Mining	30	
Nearest metalled road from site	1.5 km	
Water Requirement	PURPOSE	REQUIREMENT (KLD)
	Drinking	0.31
	Suppression of dust	6.9
	Plantation	0.20
	Others (if any)	-
	Total	7.41
Name of QCI Accredited Consultant with QCI No and period of validity.	Cognizance Research India Pvt Ltd. 1922, validity= 03-02-2022	
Any litigation pending against the project or land in any court	No	
Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified	
Details of Lease Area in approved DSR	Yes, given in the DSR	
Proposed CER cost	Rs 1,20,500/-	
Proposed EMP cost	Rs 4,88,000 /-	
Length and breadth of Haul Road	Length: 0.575 km, width: 6 m	
No. of Trees to be Planted	100 plants	

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-13

The committee discussed the matter and recommended to issue the additional terms of reference (ATOR) for the preparation of EIA as annexed at annexure-1:

Additional TOR

1. Revised form-1 in terms of geo-coordinates D&E.
2. Verified geo-coordinates.

14. Granite (Khanda, Gitti, Boulder) Mine at Gata No.- 1876, Khand No.- 04, Village- Girawan, Naraini, District- Banda, U.P., M/s Bajrang Road Lines, Area - 1.21 ha. File No. 6104/Proposal No. SIA/UP/MIN/59601/2021

A presentation was made by the project proponent along with their consultant M/s Cognizance Research India Pvt. Ltd. The proponent, through the documents submitted and the presentation made informed the committee that:-

1. The environmental clearance is sought for Girwan Granite, Khanda, Gitty, Boulder Mining project at Gata No. 1876 (Khand 04), Village- Girwan, Tehsil- Naraini, District - Banda, U.P., of M/s Bajrang Road Lines, Partner- Shri Suresh Pratap Singh, (Leased Area 1.21 ha).
2. Salient features of the project as submitted by the project proponent:

On-line proposal No.	SIA/UP/MIN/59601/2021
File No. allotted by SEIAA, UP	6104
Name of Proponent	M/s Bajrang Road Lines Partner- Shri Suresh Pratap Singh
Full correspondence address of proponent and mobile No.	R/o Village and Post- Mau, 584, Katra Lalganj, Tehsil- Gauriganj, District- Amethi, (U.P.)

Name of Project	Girwan Granite, Khanda, Gitty, Boulder Mining project		
Project location (Plot/Khasra/Gata No.)	Gata No. 1876 (Khand 04)		
Name of River	-		
Name of Village	Girwan		
Tehsil	Naraini		
District	Banda		
Name of Minor Mineral	Granite, Khanda, Gitty, Boulder Mining project		
Sanctioned Lease Area (in Ha.)	1.21		
Max & Min mRL within lease area	Max- 152.10 mRL and Min- 142.20 mRL		
Pillar Coordinates (Verified by DMO)	Sanctioned Mining Lease Area		
	Pillar No.	Latitude	Longitude
	A	25°18'24.06"N	80°23'0.21"E
	B	25°18'25.48"N	80°23'5.07"E
	C	25°18'22.37"N	80°23'6.04"E
	D	25°18'22.37"N	80°23'2.64"E
	E	25°18'21.52"N	80°23'2.35"E
	F	25°18'22.24"N	80°23'0.67"E
Total Geological Reserves	5,28,282 cum		
Total Mineable Reserves in LOI	12,100 cum		
Total Proposed Production	60,500 cum		
Proposed Production/year	12,100 cum		
Sanctioned Period of Mine lease	Maximum 10 years (Mining plan prepared for 5 years)		
Production of mine/day	46.53		
Method of Mining	Open Cast Semi-mechanized Method		
No. of working days	260 days		
Working hours/day	8 hrs		
No. of workers	30		
No. of vehicles movement/day	7		
Type of Land	Government waste land		
Ultimate Depth of Mining	24		
Nearest metalled road from site	1.4 km		
Water Requirement	PURPOSE		REQUIREMENT (KLD)
	Drinking		0.30
	Suppression of dust		7.18
	Plantation		0.20
	Others (if any)		-
	Total		7.68
Name of QCI Accredited Consultant with QCI	Cognizance Research India Pvt Ltd.		
No and period of validity.	1922, validity= 03-02-2022		
Any litigation pending against the project or land in any court	No		
Details of 500 m Cluster Map & certificate issued by Mining Officer	Yes, certified		
Details of Lease Area in approved DSR	Yes, given in the DSR		
Proposed CER cost	Rs 1,20,000/-		
Proposed EMP cost	Rs 3,88,000 /-		

. Length and breadth of Haul Road	Length: 0.59 km, width: 6 m
No. of Trees to be Planted	100 plants

3. The mining would be restricted to unsaturated zone only above the phreatic water table and will not intersect the ground water table at any point of time.
4. The mining operation will not be carried out in safety zone of any bridge or embankment or in eco-fragile zone such as habitat of any wild fauna.
5. There is no litigation pending in any court regarding this project.
6. The project proposal falls under category-1(a) of EIA Notification, 2006 (as amended).

RESOLUTION AGAINST AGENDA NO-14

The committee discussed the matter and recommended to issue the additional terms of reference (ATOR) for the preparation of EIA as annexed at annexure-1:

Additional TOR

1. Revised form-1 in terms of geo-coordinates C&D.
 2. Verified geo-coordinates.
- 15. Sand Mining from Yamuna River Bed at Gata No.-13, Village-Palpur, Imiliya Kalinjara, Tehsil-Karchhana, Allahabad., M/s Sakshi Construction, Area-10.0 Ha. File No. 4009/Proposal No. SIA/UP/MIN/ 72441/2018**

The committee noted that the matter was earlier discussed in 206th SEIAA meeting dated 07/05/2018 and directed as follows:

“The SEIAA gone through the SEAC recommendations regarding the matter and noted that the project proponent did not appear in the SEAC meeting, so that the recommendation of the SEAC to close the case is accepted. It can be reopened, only if a request to this effect is received from the project proponent. The file shall not be treated as pending. The SEIAA agreed with the recommendation of SEAC.”

RESOLUTION AGAINST AGENDA NO-15

The committee discussed the matter and directed the project proponent to reopen the case and submit the relevant document for appraisal.

- 16. Sand Mining from Yamuna River Bed at Gata No.-20, Village Fulwa, Bisauna & Jonhwal, Tehsil-Sadar, Allahabad, U.P.,M/s Laxmi Construction, Area-8.0 Ha). File No. 4010/Proposal No. SIA/UP/MIN/ 72444/2018**

The committee noted that the matter was earlier discussed in 206th SEIAA meeting dated 07/05/2018 and directed as follows:

“The SEIAA noted that a cluster certificate is issued by DMO Allahabad dated 24/03/2018 in which it is mentioned that following lease area are within 500 meter :- Khand no- 21 area 2ha., Khand no- 19 area 3ha, Khand no- 09 area 6 ha, Khand no- 10 area 2 ha.. Khand no- 11 area 2 ha. and the total area is 23 ha. whereas in the DSR of Allahabad the area of the following lease area are as follows:- Khand no- 21 area 5ha., Khand no- 19 area 8ha. , Khand no- 09 area 6 ha., Khand no- 10 area 8 ha., Khand no- 11 area 8 ha the total area is 43 ha. Hence, the project is referred back to SEAC to review the case.”

RESOLUTION AGAINST AGENDA NO-16

The committee discussed the matter and directed the project proponent to reopen the case and submit the relevant document for appraisal.

17. Sand Mining from Yamuna River Bed at Khand No.- 09, Village- Jagdishpur, Tehsil- Bara, Allahabad, U.P., M/s Sakshi Construction Company., Area-6.00 ha. File No. 4314/Proposal No. SIA/UP/MIN/ 75076/2018

The committee noted that the matter was earlier discussed in 261th SEIAA meeting dated 07/02/2019 and directed as follows:

“SEIAA gone through the opinion of SEAC that the directions of SEIAA shall be complied. The decision of the case has already been included in minutes of to 257th meeting of SEIAA held on 14.1.2019.”

RESOLUTION AGAINST AGENDA NO-17

The committee discussed the matter and directed the project proponent to reopen the case and submit the relevant document for appraisal.

18. Sand Mining from Yamuna River Bed, Khand No.-15, Village-Mohabbatganj, Tehsil-Karchhana, District- Allahabad, U.P. Area of 8.0 Ha. File No. 4443/Proposal No. SIA/UP/MIN/ 76100/2018

The committee noted that the matter was earlier discussed in 252th SEIAA meeting dated 18/12/2018 and directed as follows:

“SEIAA agreed with the recommendation of SEAC to discuss the matter after receiving online information.”

RESOLUTION AGAINST AGENDA NO-18

The committee discussed the matter and directed the project proponent to reopen the case and submit the relevant document for appraisal.

(Dr. Virendra Misra)
Member

(Dr. Pramod Kumar Mishra)
Member

(Dr. Ranjeet Kumar Dalela)
Member

(Shri Meraj Uddin)
Member

(Dr. Ajoy Mandal)
Member

(Shri Rajive Kumar)
Member

(Dr. Sarita Sinha)
Member

(Dr. S.N. Singh)
Chairman

Annexure-1

Terms of Reference for the Mining Project

- 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, mining technology etc. 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, topographic sheet, geomorphology and geology of the area 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) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has 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.
- 8) 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.
- 9) 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.
- 10) 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.
- 11) 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.
- 12) 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.
- 13) 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.

- 14) 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.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) 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.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site 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 Standing Committee of National Board of Wildlife and copy furnished.
- 18) 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, endangered, endemic and RET Species 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 alongwith budgetary provisions 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.
- 19) 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 Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) 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).
- 21) 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(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)]primary baseline data on ambient air quality as per CPCB Notification of 2009, 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 PM10, particularly for free silica, should be given.
- 23) 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.
- 24) 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.

- 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 26) Description of water conservation measures proposed to be adopted in the Project should be given.
- 27) Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 28) 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.
- 29) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
- 30) 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. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. 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.
- 31) 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.
- 32) 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.
- 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. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 34) 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. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 35) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 36) 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.
- 37) 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. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 38) 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.
- 39) 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.
- 40) Detailed environmental management plan (EMP) 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.
- 41) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound

Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.

- 42) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 43) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 44) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 45) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
- 46) Besides the above, the below mentioned general points are also to be followed:-
 - a) Executive Summary of the EIA/EMP Report
 - b) All documents to be properly referenced with index and continuous page numbering.
 - c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
 - d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
 - e) Where the documents provided are in a language other than English, an English translation should be provided.
 - f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
 - g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
 - h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
 - i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
 - j) The EIA report should also include: (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.