

MINUTES OF THE 298th MEETING OF THE STATE LEVEL EXPERT APPRAISAL COMMITTEE HELD ON 20/07/2016 AT COMMITTEE ROOM, GUJARAT POLLUTION CONTROL BOARD, GANDHINAGAR.

The 298th meeting of the State Level Expert Appraisal Committee (SEAC) was held on 20th July 2016 at Committee Room, Gujarat Pollution Control Board, Gandhinagar. Following members attended the meeting:

1. Shri T.P. Singh, Chairman, SEAC.
2. Shri V.C.Soni, Vice Chairman, SEAC
3. Dr. Mayuri Pandya, Member, SEAC
4. Dr. V.K.Jain, Member, SEAC
5. Shri R.J.Shah, Member, SEAC

Following officers from the Geology and Mining Department attended the meeting:

1. Shri Mehul Dave, Asst. Geologist, Dist: Jamnagar
2. Shri D.K.Patel, Geologist, Surat.
3. Shri Mann Chaudhry, Geological Assistant, Dist: Kutch
4. Shri K.M.Patel, Geologist, Dist: Chotaudepur.

Sr.	District	Sand	Dolomite	Black Trap	Quartz	Silica Sand	White Clay	China Clay	Total
1	Anand	2	-	-	-	-	-	-	2
2	Bharuch	-	-	-	-	1	-	-	1
3	Chotaudepur	3	2	-	-	-	-	-	5
4	Sabarkantha	-	-	-	-	-	-	1	1
5	Kutch	-	-	-	-	-	2	2	4
6	Panchmahal	-	-	8	1	-	-	-	9
7	Surat	-	-	1	-	1	-	-	2
	Total	5	2	9	1	2	2	3	24

All the above proposals of minor minerals which have been received by the Committee through the project proponent were taken up in the meeting

1. CHINA CLAY MINING PROJECT, DIST:KUTCH

Sr. no.	Proposal No.	Project Name	S NO	Vill,Ta luka	Distri ct	Hecta re	Rate of minin g	Nearest Habitati on
1	SIA/GJ/MIN/50239 /2016	M/S Shreeram Minchem International	714 P	Padha r,Ta : Bhuj	kutch	15-00-00 Existin g	15-00-00 Existi ng	Padhar 3.04 km
2	SIA/GJ/MIN/50235 /2016	Manoj P Solanki (Nadapa)	682 P	,Nada pa, Bhuj,	kutch	6-50-00 Existin g	6-50-00 Existi ng	Nadapa 1.30 km

Shri Mann Chaudhry, Geological Assistant, Dist: Kutch informed that the above proposals have been accorded Environmental clearances vide letter no SEIAA/GUJ/EC/1(a)/272/2016 and SEIAA/GUJ/EC/1(a)/273/2016 and hence requested to delist the above proposals. Committee after deliberation decided to delist the above proposals from pending application list of SEAC.

3. WHITE CLAY MINING PROJECT, DIST:KUTCH

Sr.No.	Proposal No.	Project Name	District	Hectare
3	SIA/GJ/MIN/4891/2012	Mokhana White Clay & Silica Sand Mine	kutch	12-00-00

Shri Mann Chaudhry, Geological Assistant, Dist: Kutch remained present to represent aforementioned proposal. Committee noticed that the proposal was considered during SEAC meeting held on 15/12/2015 and following information was asked to be submitted.

1. Submission of medical report for the last three years regarding workers health checks including Pulmonary diagnosis function (PFD) details.
2. Compliance details of conditions prescribed in lease duly authenticated by office of Geology and Mining, Dist: Kutch showing current status of renewal of lease.
3. No Objection certificate of Gram Panchayat for up coming of this project.
4. A time bound action plan addressing all the issues which were raised during public hearing shall be submitted including all the commitments assured by the project proponent.

Project proponent was again asked to submit the aforementioned details vide letter No: EIA-10-2016-M/660 dated 29/03/2016 and informed that if submission was not made within 30 days from date of issue of the letter, the proposal would be delisted. The Pp could not submit the details even after the reminder and hence the said proposal was delisted and PP was accordingly informed vide letter No: EIA-10-2016-M/1085 dated 02/05/2016 to apply afresh application through online portal of MoEF&CC, New Delhi.

4, 5 . White Clay Mining along with associated mineral (Name of applicant: Bhupendra Kumar Rewa Shankar Gaur),(Lease Area: 20 Ha), Survey NO: 483-part,Village:Mamuara, Ta:Bhuj, Dist: Kachchh (Gujarat).

Sr. no.	Proposal No.	Project Name	S NO	Vill, Taluka	Distri ct	Hectare	Rate of mining	Nearest Habitation
4 & 5	SIA/GJ/MIN/9605/2016	White Clay Mining along with Major Mineral (Bhupendra Kumar Rewa Shankar Gaur	483-part	Mamuara, Bhuj	Kutch	20.0000 (govt. wasteland)	5,69,880 MTPA	Mamuara: 0.56km

Shri Mann Chaudhry, Geological Assistant, Dist: Kutch along with project proponent presented above proposal before the committee. He presented that the mine is operative since 1986 having located at village Mamuara. The mine is operating as semi mechanized opencast mine. The mining lease area 20.00.00 Ha is Govt. waste Land. The proposed rate of production of the mine is 5,69,880 TPA. The anticipated life of the mine is 8 years for the present exploration. Estimated project cost is Rs 20.00 Lakhs. Mine lease location is at Latitude 23°16'33.18" to 23°16'36.15" N and Longitude: 69°51'21.45" to 69°51'53.39" E. Mean Sea Level is 394 – 397 feet above The mining lease was granted to Bhupendrakumar Rewashankar Gaur vide order no. MCR-1584 (C-30)-7210-CHH dated 25.11.85. The mining lease executed & registered on 17-09-1986.

Nearest Town	Mamuara about 0.56 km (Aerial) .
Nearest Highway	S.H. No.42-2.90 km., N.H. 8A-25.40 km.
Nearest Railway Station	Ratnal Railway Station : 11.25 km.
Nearest Airport	Bhuj Airport : 19.00 km .
Coastal Area	No.
Nearest River /Water Body	No.
Reserved / Protected Forest	There is no reserve or protected Forest.

Ecological Sensitive Areas (Wildlife sanctuaries & National Parks)	No Ecological Sensitive Area ,Wildlife Sanctuaries & National Park exists within 10-km radius of the lease area.
Seismic Zone	Zone-IV as per IS-1893 (part-1)-2002

Details of existence of infrastructure from the proposed lease area:

Sr. No.	Name of Infrastructures	Distance from lease periphery
1	Railway Station-Ranal	11.25 Km.
2	State Highway 42	2.90 Km.
3	National highway-8A	25.40 Km.
4	Taluka -Bhuj	19.00Km.
5	District-Bhuj	19.00 Km.
6	Airport-Bhuj	19.0 m.

During presentation, it was mentioned that method of mining will Opencast semi mechanized method. Overall Final Pit Slope will be 45°. Ultimate depth of mining will be 5 m. About 35 people will be employed. Water requirement will be 8 KLPD (Drinking: 1 KLPD, Green belt: 2.5 KLPD, Dust suppression: 4.5 KLPD). There is no requirement of drilling & blasting as excavator and Hammer machine will be used for removal of hard layer of mineral. It is proposed to plant 250 trees along the mine lease boundary (photographs attached) in approved mining plan. The tree density will be approx 1000 trees per ha. The fruit bearing trees are proposed to be planted along with Ronjha, Khejari, Mahuwa, Neem and other native species. Barrier Zone /Green Belt Zone shall be fenced, thereby protecting plant. Drip Irrigation is proposed for green belt. The soil will be temporarily stored before its use for plantation on backfilled areas. The overburden/ mine waste will be backfilled in the excavated area. The soil will be temporarily stored (Photograph attached) before its use for plantation on backfilled areas. The overburden/ mine waste will be backfilled in the excavated area. Simultaneous backfilling has been proposed. The OB will be completely backfilled in the worked out mine pits. No external dump will remain at the end of the mine life. Ground water is below 50 to 55 mtr. So, mining activities will not intersect the ground water table. Storm water will be accumulated in the excavated pit & it will be used in plantation & dust suppression. To arrest the suspended solids Garland drains will be provided which will be connected to sedimentary pond. Regular maintenance of Tracks will minimize the noise. The barrier green belt will help to reduce noise pollution.

After presentation, committee asked Project proponent to submit following details.

1. Details of homogenous mine leases surrounding to the proposed lease for the said mineral.

Geological assistant, Dist: Kutch submitted that there is no white clay lease within 500 meter radius from the above mentioned lease. Hence, committee unanimously decided to recommend the aforementioned proposal for grant of environmental clearance to SEIAA.

6. Vanar Dolomite Mine owned by Anil R Shah,(Lease Area: 38.44 Ha), Survey NO: 307,Village: Vanar, Ta and Dist: Chotaudepur (Gujarat).(Proposal NO: SIA /GJ / MIN / 12388 /2016).

It is a Dolomite mining project with lease area of 38.44 Ha. and located at S NO: 307,Village: Vanar, Ta and Dist: Chotaudepur (Gujart). Proposed production is 2,00,000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification,2006 and as the lease area is less than 50 Hectares, it falls under category B.

The project proponent and Geologist, Dist:Chotaudepur remained present and represented the project that included site location, details of surrounding, man power requirement, water requirement, method of mining etc.

After presentation, committee decided to recommend Terms of reference (TOR) as per **Annexure II** prescribed by MOEF&CC, New Delhi to SEIAA along with additional TOR for project category 1(a) for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area. Based on the TOR, draft EIA report shall be submitted to the Gujarat Pollution Control Board for conducting the public consultation process as per the provisions of the EIA Notification, 2006.

The project shall be appraised after receipt of the final EIA report.

7.Silica Sand Mining Project, Dist: Surat

Sr. No.	Proposal No.	Name of Project	Sr. No. Village/Taluka /Dist.	Name of applicant	Area in Hectare	Rate of Mining	Distance of Nearest habitation
7	SIA/GJ/MIN/53029/2016	Silica Sand Mine, S NO: 73,74	S NO: 73,74, Vill: Roswad, Ta:Mandvi, Dist:Surat(Gujarat)	New India Mineral Industries	6.5154 Existing	1,00,000 MTPA	Roswad: 0.500 km

Shri D.K.Patel, Geologist, Dist: Surat represented the above proposal. He informed the committee that it is an existing lease which is a government waste land. Method of mining will be open cast mechanized mining and no blasting will be undertaken. Water consumption will be 5 KLPD and it will be sourced from nearby village through tanker. There will be no generation of industrial waste water. Water sprinkling will be

carried out to curb fugitive emission due to transport vehicle movement. He further mentioned that mined out pit will be used for rain water storage and used as water reservoir. He further mentioned that the nearest human habitation, dispensary and education facility is at 0.5 meter from the boundary of the proposed lease. Shri D K Patel further mentioned villagers are already residing within the proposed lease area.

After deliberation, committee unanimously decided to recommend the above proposal for rejection of environmental clearance to SEIAA as human habitation exists within the lease area and at a distance of 500 m from the proposed lease.

Sr.No.	Proposal No.	Project Name	District	Hectare
8	SIA/GJ/MIN/52393/2016	Unific Enterprise	Sabarkantha	16-53-00

Project proponent /Geologist /RQP remained absent to represent the above proposal before the committee. Hence, it was decided to defer the proposal in one of the upcoming SEAC meeting for consideration.

9.0 River bed Sand Mining Project, Dist: Chota Udepur

Sr. No.	Proposal No.	Project Name	Sr. No. Village/ Taluka /Dist.	Project Proponent Name	Area in Hectare	Rate of Mining	Name of River	Distance of Nearest habitation
9	SIA/GJ/MIN/53036/2016	River sand mining project of Shri Govindbhai Sanabhai Rathva	S NO: 347,348,350 ne lagu, Vill: Ratanpur, Ta:Jetpur Pavi, Dist: Chotaudepur	Govindbhai Sanabhai Rathva	7.56 New	27500 MTPM	Orsang	Ratanpur:1.2 km

Shri K.M.Patel, Geologist, Dist: Chotaudepur informed committee that lease area is located in the river bed of Orsang and sand excavation will be done only from dry river bed. It was also represented that no any bridge piers / water intake wells / irrigation structures exist within 500 m distance from boundary of any of above lease area.He explained that sand excavation will be done up to maximum 3 m depth or water level, whichever is less. The committee observed that the lease holder has proposed to leave adequate setback distance from the river bank so as to avoid chances of river bank erosion. Water sprinkling will be done during loading of material. All the transportation vehicles are proposed to be covered to avoid fugitive emission of fine particles.

After detailed deliberation and considering the environmental pollution mitigation measures proposed by the lease holders, Committee unanimously decided to recommend the above

proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232nd SEAC meeting held on 15th April 2015

10.0 Black trap mining Project, Dist:Surat

Sr. No.	Proposal No.	Project Name	Sr. No. Village/Taluka /Dist.	Project Proponent Name	Area in Hectare	Rate of Mining	Distance of Nearest habitation
10	SIA/GJ/MIN /49574/20 16	Laxmi Quarry Works	S NO: 111,Vill:Utewata: Mandvi, Dist:Surat	Bhupendra Hiralal Gajjar	10.0000	40,000 MTPA	Utewa:0.88 km

Shri D.K.Patel, Geologist, Dist: Surat represented above proposal before the committee. He informed that method of basalt removal involves drilling, blasting, sizing of mineral, etc.

Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. Water will be procured from nearby villages through tankers. he informed that existing working depth of mine is 25m and ultimate depth will be 90 m. He further mentioned that blasting will be done through certified personnel through competent authority. Mined out pit will be secured with wired fence to prevent casualty. It is proposed to convert mined out pits into water reservoir.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Non Sand mining as approved in 232nd SEAC meeting held on 15thApril 2015

11.0 to 17 and 19. Black trap mining Project, Dist: Panchmahal

11	SIA/GJ/MIN/13134/2016	Shri Hari Quarry Works	Panchmahal	9.96.54
12	SIA/GJ/MIN/13058/2016	Patel And Modi Company	Panchmahal	6.00.00
13	SIA/GJ/MIN/15346/2016	I Patel And Co	Panch mahal	4.00.00
14	SIA/GJ/MIN/13220/2016	Shri Harishbhai Jivabhai Patel	Panchmahal	8.00.00
15	SIA/GJ/MIN/12736/2016	Gopi Quarry Works	Panchmahal	6.00.00
16	SIA/GJ/MIN/13091/2016	Shri Bhupendra R Patel	Panch mahal	9.88.28
17	SIA/GJ/MIN/12774/2016	Rameshbhai C Rana	Panch mahal	10.11.72
19	SIA/GJ/MIN/16255/2016	Ravjibhai Jivabhai Patel	Panchmahal	10.11.72

Project Proponent/ RQP/Asst. Geologist, Dist: Panchmahal remained absent to represent above proposals before the committee. Committee also referred letters submitted by the project proponents dated 17/07/2016 stating that the proposals are not falling in cluster situation as leases are older than 9/09/2013 and hence, aforementioned EC proposals are withdrawn under cluster situation. Project proponent further mentioned that they shall apply under individual category.

After referring the submission of the project proponents, committee unanimously decided to delist the above mentioned proposals from pending application list of SEAC.

18. Dolomite mining Project, Dist: Chotaudepur.

Sr. No.	Proposal No.	Project Name	Sr. No. Village/Taluka /Dist.	Name of the Applicant	Area in Hectare	Rate of Mining	Distance of Nearest habitation	Proposed Use
18	SIA/GJ/MIN /53062/20 16	Zer & Dadigam Dolomite Mining Project	S NO: 531,532,533,546, 547,715 & 716, Near Village:Dadigam in survey no: 175,181,233, Ta and Dist : Chhota Udepur	Shreeji Minerals	15.68 Ha Existing	17830 MTPM	Zer and Dadigam: 2 km	Glass, Paint, Ceramic industries

Shri K M Patel, Geologist, Dist: Chhota Udepur represented above proposal before the committee. He informed that the proposed lease area is govt. waste land.No forest land is involved. Water will be brought through tanker and 7 KLPD water will be sourced from nearby village. Proposal does not attract general and specific conditions There will be no waste generation. Mining will be carried out by manual open cast method without drilling and blasting. Over burden during mining will be backfilled. Maximum depth of working will be 6 meter and it will not intersect ground water table. All vehicles will be covered to prevent fugitive emission. Garland drain will be constructed surrounding to the toe. Water sprinkling will be done on regular basis to curb fugitive emission. Greenbelt will be developed as per the mining plan. There is no wild life sanctuary within 10 km from the proposed project.

After detailed deliberation and Committee asked PP/geologist to submit following details.

1. Documents related to the lease including renewal status.
2. Approved Mining plan with environmental management plan (EMP).

Upon submission of aforesaid details, committee decided to consider the above proposal in one of the upcoming SEAC meeting for further consideration.

20. Silica Sand Mining on 48.6815 Ha area in S NO: 552, 553, 554, 559, 581 (P) at Village: Padaal, Ta: Jhagadia, Dist: Bharuch. (Proposal NO SIA/GJ/MIN/1231/2015).

Sr. No.	Proposal No.	Project Name	Sr. No. Village/Taluka /Dist.	Project Proponent Name	Area in Hectare	Rate of Mining	Distance of Nearest habitation
20	SIA/GJ/MIN/1231/2015	Silica Sand Mining on 48.6815 Ha area	S NO: 552, 553, 554, 559, 581 (P) at Village: Padaal, Ta: Jhagadia, Dist: Bharuch.	New India Mineral Industries	48.6815	4,95,720 MRPA	Padaal: 0.78 km

It is a Silca sand mining project having lease area: 48.6815 Ha and located at S NO: 552, 553, 554, 559, 581 (P) at Village: Padaal, Ta: Jhagadia, Dist: Bharuch.

Proposed production is 4,95,720 MTPA TPA of Silica Sand. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included heighlights of the project showing lease renewal status, mine site details, photographs of mine site, proposed production, features around the project, salient features of the project, method of mining, green belt development details, safety measures, Environment pollution mitigation measures and propose TORs.

After deliberation on various aspects of the project, TOR as per **Annexure II** were recommended for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area.

The draft EIA report also covering the above TOR shall be prepared and submitted to the GPCB for conducting the public hearing / consultation process as per the provisions of the EIA Notification, 2006.

The project shall be appraised on receipt of the final EIA report.

21. River bed sand Mining Project, Dist: Chotaudepur.

Sr. No.	Proposal No.	Project Name	Sr. No. Village/Taluka /Dist.	Name of the Applicant	Area in Hectare	Rate of Mining	Distance of Nearest habitation	Proposed Use
21	SIA/GJ/MIN /51470 /2016	Dalsukhbhai Parsottambhai Od Ordinary sand mining at Survey No: Orsang river paiki(Area: 8.37.39 Ha), Village: Gedia, Ta: Bodeli, Dist: Chotaudepur	Survey No: Orsang river paiki(Area : 8.37.39 Ha), Village: Gedia, Ta: Bodeli, Dist: Chotaudepur	Dalsukhbhai Parsottambhai Od	8.3739 New Govt. Waste land	1,20,000 MTPA	Baravad: 0.650 km	Construction

Shri K. M. Patel, Geologist, Dist: Chotaudepur informed committee that lease area is located in the river bed of Orsang and sand excavation will be done only from dry river bed. It was also represented that no any bridge piers / water intake wells / irrigation structures exist within 500 m distance from boundary of any of above lease area. He explained that sand excavation will be done up to maximum 3 m depth or water level, whichever is less. The committee observed that the lease holder has proposed to leave adequate setback distance from the river bank so as to avoid chances of river bank erosion. Water sprinkling will be done during loading of material. All the transportation vehicles are proposed to be covered to avoid fugitive emission of fine particles.

After deliberation, committee asked geologist to submit (1) Written confirmation regarding mining to be carried out from dry river bed and it is not an instream mining (2) Documents of valid lease (LOI/renewed lease) in favour of the applicant (3) Approved mining plan. Project proponent submitted the aforesaid information on 20/07/2016.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232nd SEAC meeting held on 15th April 2015.

22. River bed Sand Mining Project, Dist: Chotaudepur.

Sr NO	Proposal No	Project Name	District	Hectare
22	SIA/GJ/MIN/52492/2016	Dineshbhai Shantilal Oad	Chotaudepur	9.70

Project proponent vide letter dated 15/07/2016 submitted letter to SEAC mentioning withdrawal of aforementioned EC application as letter of intent issued to lease holder is for 6.3952 Ha and PP has applied for 9.70 Ha and informed committee that they shall apply afresh through online portal with all concerned documents for lease area of 6.3952 Ha. After referring submission of project proponent, committee unanimously decided to close the proposal No: SIA/GJ/MIN/52492/2016 and decided to delist it from pending EC application list of SEAC.

23	SIA/GJ/MIN/42089/2016	Shri Roshanali M. Valkarimwala	Panchmahal	5.91.86
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Project proponent /Geologist /RQP remained absent to represent the above proposal before the committee. Hence, it was decided to defer the proposal in one of the upcoming SEAC meeting for consideration.

SUBMISSION OF ADDITIONAL INFORMATION

RIVER BED SAND MINING PROJECT, DIST: ANAND

Proposal No.	Project Name	S NO	Address	Hect are	River	Rate of mining	Neares t Habitation	Proposa l use
SIA/GJ/MIN/52240/2016	RAJ CONSTRUCTION COMPANY	Block G in mahi river bed	Vill:Khorwad Ta:Umreth Dist:Anand	5.02 98 Ha New	Mahi	78,163 MTPA	Pratap pura:0.94 km	Constru ction

The above proposal was appraised in SEAC meeting held on 01/06/2016 and additional information was sought. On 21/07/2016, project proponent submitted an application mentioning that they have withdrawn application for obtaining environmental clearance and requested to close the proposal number SIA/GJ/MIN/52240/2016.

After deliberation, committee unanimously decided to delist the aforementioned proposal from pending application list of SEAC and also decided to close the proposal.

RIVER BED SAND MINING PROJECT, DIST: ANAND

Proposal No.	Project Name	S NO	Address	Hectare	River	Rate of mining	Nearest Habitation	Proposed use
SIA/GJ/MIN/52239/2016	AJAYSINH KANUSH VAGHEL A	Block B in front of S NO:282 in mahi river bed	Vill:Khorwad Ta:Umreth Dist:Anand	5.0730 Ha New	Mahi	78,834 MTPA	Pratap pura:0.94 km	Construction

The above proposal was appraised in SEAC meeting held on 01/06/2016 and additional information was sought. On 21/07/2016, project proponent submitted an application mentioning that they have withdrawn application for obtaining environmental clearance and requested to close the proposal number SIA/GJ/MIN/52239/2016.

After deliberation, committee unanimously decided to delist the aforementioned proposal from pending application list of SEAC and also decided to close the proposal.

MAJOR MINERAL PROPOSALS

APPRAISAL CASES

1. Rajnikant D.Trivedi (Lease area: 12.3530 Ha), Village:Hasnavadar, Ta:Veraval, Dist:Girsomnath. (Proposal No: SIA/GJ/MIN/34482/2015)

Sr. no.	Proposal No.	Project Name	S NO	Vill,Taluka	Hectare	Rate of mining	Nearest Habitation
1	SIA/GJ/MIN/34482/2015	RAJNIKANT D. TRIVEDI	5 P	Hasnavadar/ Veraval	12-35-30 New	4000 MTPM	Hasnavadar 0.670 km

The above proposal was considered in the SEAC meeting held on 09/03/2016 and 01/06/2016 and additional information was sought.

The project proponent has applied Environmental Clearance for their lime stone Mining project located at Survey No:5 paiki,Village: Hasnavadar, Ta: Veraval,Dist: Gir Somnath, Gujarat.The mine lease area is 12-35-30 Ha. Proposed rate of mining is 50,000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.During SEAC meeting,project proponent submitted reply of the additional information which is as under:

There is no heritage site nearby Hasnavadar Village. There is no national park, wild life sanctuary in the 10 km peripherals from the lease area. The nearest wild life

sanctuary is Gir National Park which is 19.100 km. The area is predominantly outcropping with limestone and basalt, is practically devoid of any overburden as the same is not found in the area. In the first five years of operations, removal of any overburden is not envisaged and no top soil will be generated in the first five years. No waste generation is envisaged at this stage during entire life of the mine considering the cut off grade being fixed for CaO 36%. The Waste is not generated during the proposed period, therefore disposal of waste not required. However, overburden if any will be used for backfilling of mined out pit and open voids will be properly barricaded to prevent accidental fall. Mining method includes blasting. For blasting, Hole shall be drilled using integral drill with chisel bit of 32mm dia and of length 800 mm & 1600 mm. Drilling and Blasting will be done in two phase as the height of bench is double the length of the holes. Max. 18 no of holes per day will be blasé, so blasting will be done in the one to two row per day. Working depth of the mine will be 40m and there will be intersection of ground water table available at 150 meter. At present, Ganda Baval is present in the study area. PP informed that they have grown 50 trees around the lease area and about 250 trees are yet to be planted. Top soil will be spread on the pit for agriculture purpose and the species to be grown in the area will be dust tolerant and fast growing species so that a permanent green belt is created. Water will be sprayed to reduce dust emission. PP informed that as there is negligible soil cover, possibilities of contamination of soil does not exist. Drinking water will be procured from private water suppliers. Sewage generated will be disposed off into Soak pit. Water requirement of 3.0 KLD for the proposed project activity will be met by the water tankers supply from the nearby source. Tube well outside the lease area will provide the water for drinking purpose. Accumulated rain water in mined out pits is harvested and used for sprinkling on haul roads for dust suppression. All the vehicles will be covered to prevent fugitive emission. Regular water spraying on haulage roads during transportation of material by water sprinklers. Ensuring all vehicles used for site clearing are well maintained and regularly serviced to minimize emission in the air. All the workers will be provided personal protective equipments. Medical check up will be done every two month by the registered medical practitioner. The report of the same is enclosed. There is no endangered species exist in the lease area. PP ensured to provide the 5% of our profit to the grampanchayat to their various needs for public convenience like toilet, school, primary health center etc. PP further informed that there is no litigation pending in any court of law against the project.

During presentation, PP submitted a letter mentioning that there is no other lease accorded in radius of 500 meter from the proposed lease and hence cluster of homogenous mineral does not exist. PP further informed that their mining lease is not in operation. Lease is renewed for 20 years with effect from 14.07.2000. Considering the above project details, committee unanimously decided to recommend the above proposal for grant of environmental clearance to SEIAA with stipulation of following specific conditions.

1. Project proponent shall comply all the measures, conditions suggested in the approved mining plan and environment management plan (EMP) in a letter and spirit.
2. Project proponent shall comply all the conditions mentioned in “The Companies (Corporate Social Responsibility Policy) Rules, 2014 and its amendments from time to time vide notification of ministry of corporate affairs dated 27th February, 2014 in a letter and spirit.

2. Bhogat Bauxite Mine of 29.7749 Ha in S NO: 360/p of Bhogat village, Ta:Kalyanpur, Dist:DevbhumiDwarka. (Proposal No: SIA/ GJ/ MIN/ 11533/ 2014)

Sr.No.	Proposal No.	Project Name	District	Hectare
2	SIA/GJ/MIN/11533/2014	Sandeep Abrasive Industries	Devbhumi Dwarka	29-7749 Major App.

The above proposal was scheduled for appraisal. PP applied for TOR if Form 1 on 04/08/2014. TORs were issued on 19/03/2015. Public hearing was conducted on 01/03/2016. Final EIA is submitted on 30/05/2016. Proposal was scheduled for appraisal on 01/06/2016 and PP remained absent. The proposal was rescheduled on 20/07/2016.

During meeting, project proponent along with their consultant remained present. Presentation was made before the committee for the aforementioned proposal. Presentation included the following details.

Lease has been granted to M/s Sandeep Abrasives Industries vide Government of Gujarat No. MCR-1585(S-161) 5527 CHH dated 1.12.1986 and Executed on 29.05.1987 for a Period of 20 years. Lease has applied for first renewal to the State Government on 30.06.2006. The Mine Scheme was approved by Indian Bureau of Mines (IBM) Udaipur, vide their letter No. 682(23)MS (442)/2008 MCCM (N) UDP dated 22-11-2013. Baseline study was done during summer season March to May 2015. Public Hearing for the proposed project was conducted on 1st March, 2016 at 03.30 pm.

Details of project is as under:

Total Area	29.7749 Ha
Technology	Open cast semi-mechanized
Life of the mine	17 years
Seismic Zone	Zone-IV as per IS: 1893 (Part-1) 2002
Project cost	Rs 45 Lakhs

Proposed capacity	1,68,620 TPA
Mineable Reserve	27,58,526 Tonnes
Proposed working days	302 days
Water Requirement	12 KLD, water will be met from nearby village (Bhogat- 4km WNW)
Open series Map(Toposheet no)	F42P5
Manpower requirement	41

Details of year-wise production is as under;

Year	Production (Tonnes)
2000-01	4,411.835
2001-02	91.760
2002-03	2,886.130
2003-04	8,374.080
2004-05	12,846.840
2005-06	18,440.100
2006-07	150,099.000
2007-08	153,979.695
2008-09	1,389.500
2009-10	3,831.740
2010-11	-
2011-12	650.000
2012-13	387.050
2013-14	47,670.000

Coordinates of the proposed lease is as under:

Points	Latitude	Longitude
A	21° 59' 15.8" N	69° 16' 24.3" E
B	21° 59' 13.5" N	69° 16' 38.8" E
C	21° 59' 06.9" N	69° 16' 45.0" E
D	21° 58' 58.7" N	69° 16' 44.1" E

E	21° 58' 49.1" N	69° 16' 31.1" E
F	21° 58' 55.6" N	69° 16' 24.1" E
G	21° 59' 02.0" N	69° 16' 22.7" E
Elevation	23m-27m	
Slope	North to South	

The lease area is very gently slope in North-South direction & area is not covered by water courses. Part of lease area has been mined out & bauxite is present in pit section and at pit floor. Thickness of soil is ~0.3 m and bauxite is ~6 m thick & recovery of high grade bauxite is about 5% of ROM, low grade is 95% of ROM. There are no drains passing through the project site. The mine will be supervised & controlled by an independent mines manager supported by adequate team of technical persons. This Environment Cell is responsible for the management and implementation of the environmental control measures & Environment Cell shall also co-ordinate all the related activities such as collection of statistics of health of workers and population of the region, afforestation and greenbelt development. There is no underground mining. Opencast mining operation is Semi Mechanized with working depth upto ~6.3m, with OB bench of 0.3 m and two benches for Ore body of height 3m each and maintaining 70° slope, with ore zone being lateritic formation the pits are stable in nature. All safety measures will be taken as per guidelines of Director General of Mines Safety (DGMS). Bauxite is soft in nature and only 20% of Bauxite zone requires Blasting. Shots will not be fired except during the hours of day light or until adequate provision is made for artificial lighting. Rock breaker will be engaged to avoid blasting and if required, controlled blasting technique will be applied. All employees must be cleared from the blast area and removed to a safe location prior to any scheduled blasting. Before firing the shots sufficient warning by effective signal over the entire area. In the proposed mining scheme the OB likely to be generated during scheme period will be 24,374 m³. Soil generated during scheme period will be spread on backfilled area. The waste generated during mining scheme period will be simultaneously backfilled in mined out area at the time of generation. Hence there will be no external waste dump.

Landuse detail is as under:

Land Use	Area in Hectare	Area in %
Water bodies	4825	14.0
Waste Land	287	0.8
Open Scrub Land	6853	20.0
Mining Activities	269	0.8

Industries	159	0.5
Built-up	342	1.0
Single Crop Agriculture Land	21053	61.3
Forest	559	1.6
Total	34347	100.0

The overburden generated will be backfilled simultaneously and no additional land will be required for storage of overburden/waste. About 11,782 m³ of soil and overburden will be excavated during the mining plan period. The OB/soil will be subsequently used for backfilling the areas from where bauxite has been extracted. Backfilling is done sequentially; waste clayey material will be dumped in void first, and then soil will be spread on top. The soil is removed separately and used immediately to cover the backfilled area. The project land is a Government Waste Land and does not involve displacement in any form and therefore R&R action plan doesn't apply for this project. The project does not fall in any forest area and there is also no indigenous groups residing in this area. Thus Forest Rights Act will not be applicable for this project. The mine lease area is a non-forest land and eco-sensitive zone of wildlife and national park are not falling within 10 km radius of study area of the proposed mining area. The project site is 5.9 km away from the sea and approximate 5.7 km away from HTL, therefore doesn't qualify for a coastal project.

Total eight ambient air monitoring stations are installed for evaluation of ambient air quality and details are as under:

Location code	Name of the location	Direction	Distance (km)	Reason for site selection
AAQ1	Project Site	-	-	Onsite
AAQ2	Jodhpar	2.1	E	Dominant downwind
AAQ3	Maleta	6.4	E	Dominant downwind

AAQ4	Satapar	5.2	SE	Pre-dominant downwind
AAQ5	Hadmatiya	4.7	NE	Pre-dominant downwind
AAQ6	Bhogat (near road)	2.7	W	Dominant upwind
AAQ7	Navadra	4	SW	Pre-dominant upwind
AAQ8	Bhogat (Cairn India)	4.7	NW	Pre-dominant upwind

95 percentile of SPM varies from 153.5 $\mu\text{g}/\text{m}^3$ in AAQ6 (Bhogat, near road) to 80.5 $\mu\text{g}/\text{m}^3$ in AAQ1 (project site). 95 percentile of PM10 varies from 76.8 $\mu\text{g}/\text{m}^3$ in AAQ6 (Bhogat, near road) to 48.3 $\mu\text{g}/\text{m}^3$ in AAQ4 (Satapar). 95 percentile of PM2.5 varies from 30.8 $\mu\text{g}/\text{m}^3$ in AAQ6 (Bhogat, near road) to 16.8 $\mu\text{g}/\text{m}^3$ in AAQ1 (project site). Reason for high SPM, PM10 and PM2.5 value in Bhogat (Cairns India) due to the fact of NH 8E is passing right through village. Source of SO2 and NOx emission are traffic density, agricultural activities, surrounding mining activities. The concentration of SO2 and NOx was found well within prescribed NAAQ standards.

Ground level concentration for monitoring stations as as under:

Station Name	Details of Location	Distance (km)	Direction	Base line GLCs (Micro gram/NM3)	Incremental GLCs (Micro gram/NM3)	Resultant GLCs (Micro gram/NM3)
				PM ₁₀	PM ₁₀	PM ₁₀
AAQ1	Onsite	-	-	48.3	0.567	48.87
AAQ2	Jodhpar	2.1	E	64.0	0.524	64.52
AAQ3	Maleta	6.4	E	62.0	0.091	62.09
AAQ4	Satapar	5.2	SE	48.3	0.112	48.41

AAQ5	Hadmatiya	4.7	NE	64.3	0.044	64.34
AAQ6	Bhogat (near road)	2.7	W	76.8	0.138	76.94
AAQ7	Navadra	4.0	SW	65.0	0.037	65.04
AAQ8	Bhogat (Cairn India)	4.7	NW	69.0	0.083	69.08

Details of ground water quality during study period is as under:

The pH of ground water sample was between 7.1-7.5. Permissible 6.5-8.5. Electrical conductivity of the samples varied between 1055.9 – 1608.0 μ S/cm. Total Dissolved Solid varied between 686.3-1045.2 mg/l . Permissible 2000 mg/litre. Total hardness varied between 276.8-560.4 mg/l. Permissible 600 mg/ litre.Chlorides varied 48.0-104.0 mg/l, and Sulphates varied 138 - 168 mg/l. Permissible 1000 mg/l and 400 mg/l, respectively. Fluorides varied 0.76 - 1.24 mg/l. Permissible limit is 1.5 mg/l,. It is concluded that the ground water baseline data meets the requirements of IS 10500:2012 for drinking water

To mitigate noise, following measures are proposed(1)To Conduct survey to identify high noise zones and sources in operation phase;(2)Wherever possible, build enclosures around high noise machine to reduce propagation;(3)Proper care and maintenance of the equipments will be carried out; (4)PUC certified and well-tuned vehicles will be used during operation phase;(5)Fixing of silencers to the vehicles will reduce the noise levels; (6)Efficient traffic management will be done with speed limits on vehicles. Drivers will be educated to minimize use of horns;(7)Enforce the use of ear muffs for personnel working in high noise zones;(8)Drilling and Blasting should be done in day time; (9) Ambient Noise Level shall be monitored near the Pit Head in every quarter as per norms laid down under MCDR 1988 and DGMS norms;(10)Monitor employees in high noise areas through audiograms and regular repeats; (11) Development of a thick green belt around the mine periphery.

Details of soil analysis are as under:The soil texture varies from clay to silty clay. Bulk density of soils in the study area varied between 1.24 and 1.25 g/cm³. Moisture content of the soil varies from 3.2 % to 6 %.The pH of soil in the proposed study area varies from 7.4 to 8.1. This classifies it as 'slightly alkaline' as per standard classification of soil of ICAR.Nitrogen content varies from 80.5 to 226 kg/ha. This classifies it as 'better'.Phosphorous content varies from 18.6 to 45 kg/ha. This classifies it as 'on an average sufficient'.Potassium content varies from 8.9 to 46.0 kg/ha. This classifies it as 'less'.Organic Carbon matter of the soil samples was low

to moderate and varied from (0.39 % – 0.66 %). This classifies it as 'sufficient'. The soil is having good water holding capacity but not fertile enough due to lower concentration of organic contents.

Total water requirement for drinking and domestic purpose is 2 KLPD, dust suppression: 5 KLPF and Plantation is 5 KLPD and it will be sourced from nearby villages.

For Surface water Management, Voids that will be formed in the lease area due to excavation will be converted to water bodies during the monsoons and can be used as a source of irrigation for agricultural fields in the area near the lease after the end of mine. During mining operations this water is used for the purpose of dust suppression.

For Ground Water Management, the ultimate mining depth is 6.3m which is above the ground water table (i.e. 12m to 18m bgl). Therefore, there is no possibility of ground water intersection. The rehabilitation of 17.64 ha water reservoir will be carried out by way of utilizing it for source of irrigation in nearby agriculture land. The area under reference is water scarce and cattle will be fed for drinking water on the available water reservoir. Regarding public health implications, following measures will be adopted (1) Regular health check of villagers & workers will be done. (2) PP will arrange Free Medical Camps, Free Medicines in nearby villages every week (3) Surface water management shall be adopted to ensure that run-off from the mining area does not adversely affect natural water streams or other water bodies; (4) All water bodies e.g. wells and surface water sources in the vicinity of the mine, shall be periodically tested for any pollution related to mining operations and remedial action taken, if warranted; (5) Operators of all transport vehicles shall be instructed not to horn unnecessarily while passing through villages or nearby schools; (6) Company will organize regular health camp and skill development training to the students through Bhatia Group Vocational training center. Issues raised during the public hearing from the various stake holders were discussed in detailed by the committee.

After technical presentation, committee noted that the above proposal is a violation case as project proponent has taken production without obtaining environmental clearance. Hence Committee found that the project proponent has violated the provisions of EIA Notification-2006 by carrying out mining activity/ starting the production activity without obtaining prior EC. Hence, committee decided not to consider the project at this stage. Further it was decided to inform Gujarat Pollution Control Board to initiate credible action on the violation by invoking powers under Section 19 of the Environment (Protection) Act, 1986 for taking necessary legal action under Section 15 of the Act

3. Rajshibhai Ranabhai Jotva,(4.0000Ha), S.No.29/P,Vill:Khorasa,Ta: Maliya Hatina,Dist: Junagadh (Proposal NO: SIA/GJ/MIN/53438/2016).

The project proponent has applied for their existing limestone mine located at S.No.:29/P,Vill:Khorasa,Ta: Maliya Hatina,Dist: Junagadh. The mine lease area is 4.0000 Ha and proposed rate of mining is 12,000 MTPA.

During SEAC meeting held on 01/06/2016,technical presentation was made by the PP that included introduction, satellite image of project site covering 5 km radius, details of surrounding entities, details of project, process of mining, water management, environmental management plan, social welfare etc. After presentation, Committee sought additional information from the PP. On 13/07/2016, PP submitted the additional information sought.

After technical presentation, committee noted that the proposed rate of mining is 12000 MTPA whereas PP has taken production more than proposed during the years 2011-12 to 2015-16. Committee noted that mine is working and hence the above proposal is a violation case as project proponent has taken production without obtaining environmental clearance. Hence Committee found that the project proponent has violated the provisions of EIA Notification-2006 by carrying out mining activity/ starting the production activity without obtaining prior EC. Hence, committee decided not to consider the project at this stage. Further it was decided to inform Gujarat Pollution Control Board to initiate credible action on the violation by invoking powers under Section 19 of the Environment (Protection) Act, 1986 for taking necessary legal action under Section 15 of the Act

4. Rajesh Shardulbha Ker, Pozzolanik Clay and Marl mining(Lease area: 4.23.19 Ha),S NO: 18 paiki,Village: Mojap,Ta: Okhamandal, Dist: Devbhumi dwarka.(Proposal NO: SIA/GJ/MIN/50188/2016).

M/S Rajesh Shardulbha Ker,(Lease Area 04.2319 Ha), S.No: 18p,Vill: Mojap, Ta: Okhamandal, Dist: Jamnagar, Gujarat (Herein after Project Proponent(PP))has applied for Environmental Clearance for their natural Pozzolanik Clay and Marl mine located at S.No: 18,Vill: Mojap, Ta: Okhamandal, Dist: Jamnagar, Gujarat.

The mine lease area is 04.2319 Ha and proposed rate of mining is 81000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

During SEAC meeting on 13/04/2016, after technical presentation, additional information was sought and PP submitted the reply of additional information on 16/06/2016.The proposal was scheduled for appraisal on 20/07/2016.

During meeting, committee noted that the proposed rate of mining for Pozzlanic and marl is 69,927 and 12,012 MTPA respectively and PP has taken production during the years 2007-08 to 2011-12. Committee noted that the above proposal is a violation case as project proponent has taken production without obtaining environmental clearance. Hence Committee found that the project proponent has

violated the provisions of EIA Notification-2006 by carrying out mining activity/ starting the production activity without obtaining prior EC. Hence, committee decided not to consider the project at this stage. Further it was decided to inform Gujarat Pollution Control Board to initiate credible action on the violation by invoking powers under Section 19 of the Environment (Protection) Act, 1986 for taking necessary legal action under Section 15 of the Act

5. Bauxite Mining project of Giriraj Calcine Bauxite and Refractories Private Limited,(Mining Lease Area: 5.0000 Ha), Dist: Devbhumi Dwarka(Proposal NO: SIA/GJ/MIN/34453/2015)

Sr. No.	Proposal No.	Project Name	District	Hectare
5	SIA/GJ/MIN/34453/2015	Bauxite mines (mining lease) of giriraj calcine bauxite and refractories private ltd.	Devbhumi Dwarka	5-00-00

The above proposal was scheduled for appraisal during SEAC meeting on 09-03-2016,30-04-2016,01-06-2016 and 20-07-2016 and during all the meeting, project proponent remained absent .hence committee unanimously decided to delist the above proposal from pending application list of SEAC and close the proposal.

6. Lalji Virajibhai Patel, On S NO: (Govt.) 26/1 Paiki, Village: Nagpur, Ta: Kalavad, Dist: Jamnagar, (Lime Stone Mining Lease Area: 4.0000 Ha). (Proposal NO: SIA/GJ/MIN/50207/2016)

The project proponent has applied for their existing limestone mine located at On S NO: (Govt.) 26/1 Paiki, Village: Nagpur, Ta: Kalavad, Dist: Jamnagar.

The mine lease area is 04.0000 Ha and proposed rate of mining is 50,000 MTPA. Mining process include manual open cast mining. Estimated cost of the project is 10 lakhs.The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included detailed lease status, details of mining method, google image of site, Environmental setting of the project, Mining details, water requirements, Environment management plan with impacts and its mitigation measures etc.

While referring Form I, under Point 10, environmental sensitivity, It is mentioned by the PP that their project is located more than 1 km away from the eco sensitive zone of declared marine national park and during presentation PP mentioned that it is to be corrected asw their proposal is not located within 10 km from any national park or sanctuary.

After detailed deliberation, considering the scale of project, it was categorized as B2. Project proponent was asked to submit additional information along with revised **Form 1** for appraisal of the project as per **Annexure I**

7. Harsol Bauxite Mines,(Bauxite mine lease area: 19.16 Ha),S NO: 323, 324, 325, 326p-(old), 560, 561, 562, 563p-(new), Village: Harsol, Ta: Talod, Dist: Sabarkantha, Gujarat. (Proposal NO: SIA/GJ/MIN/14171/2016).

It is a Bauxite mining project with lease area of 19.16.00 Ha. and located at S NO: 323, 324, 325, 326p-(old), 560, 561, 562, 563p-(new), Village: Harsol, Ta: Talod, Dist: Sabarkantha. Proposed production is 2,00,000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification,2006 and as the lease area is less than 50 Hectares, it falls under category B.

The project proponent represented the project with details of mine lease status stating mining lease is not operation after its expiry therefore since 08.05.1993, mining method, satellite image of project showing 5 km radius from the mine boundary, land use plan, water requirement, environmental mitigation measures, no litigation is pending before any court of law etc.

After presentation, committee decided to recommend standard Terms of reference (TOR) prescribed by MOEF&CC, New Delhi to SEIAA along with additional TOR as per **Annexure II** for project category 1(a) for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area.

The draft EIA report covering above TORs shall be prepared and submitted to the GPCB for conducting the public hearing / consultation process as per the provisions of the EIA Notification, 2006.

The project shall be appraised after submission of final EIA report.

8. Babarzar Limestone Mine Project of Shri Prabhudas Vithaldas,(Lime stone mine lease area: 16.35 Ha),Village: Babarzar,Ta: Lalpur, Dist: Jamnagar (Gujarat).(Proposal NO: SIA/GJ/MIN/15995/2016)

It is a Limestone mining project with lease area of 16.35.00 Ha. and located at Village: Babarzar,Ta: Lalpur, Dist: Jamnagar (Gujarat).Proposed production is 62,800 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification,2006 and as the lease area is less than 50 Hectares, it falls under category B.

The project proponent represented the project with details of mine lease status, estimated cost of project as 16.35 lakhs, proposed production details of limestone, stagewise land use and reclamation plan, water requirement, proposed use of material, green belt development plan, health and safety measures to be taken, environmental impacts and associated mitigation measures etc.

After presentation, committee decided standard Terms of reference (TOR) prescribed by MOEF&CC, New Delhi to SEIAA along with additional TOR as per **Annexure II** for project category 1(a) for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area.

The draft EIA report covering above TORs shall be prepared and submitted to the GPCB for conducting the public hearing / consultation process as per the provisions of the EIA Notification, 2006.

The project shall be appraised after submission of final EIA report.

9. Gayatri Minerals c/o M. B. Trivedi, Limestone Mine at S NO: 160/1 paiki (Lease Area: 4.00.00 Ha), Village: Rakka, Ta: Lalpur, Dist: Jamnagar.(Proposal NO: SIA/GJ/MIN/54494/2016).

M/S Gayatri Minerals C/O M. B. Trivedi,(Herein after Project Proponent(PP))has applied for Environmental Clearance for their Lime Stone mine located at S NO: 160/1 paiki (Lease Area: 4.00.00 Ha), Village: Rakka, Ta: Lalpur, Dist: Jamnagar

The mine lease area is 04.0000 Ha and proposed rate of mining is 72000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

During meeting, committee noted that PP has taken production of lime stone during the years 2013-14 to 2016-17. Committee noted that the above proposal is a violation case as project proponent has taken production without obtaining environmental clearance. Hence Committee found that the project proponent has violated the provisions of EIA Notification-2006 by carrying out mining activity/ starting the production activity without obtaining prior EC. Hence, committee decided not to consider the project at this stage. Further it was decided to inform Gujarat Pollution Control Board to initiate credible action on the violation by invoking powers under Section 19 of the Environment (Protection) Act, 1986 for taking necessary legal action under Section 15 of the Act

10. Rajendra P. Trivedi,Lime stone Mining Project,(Lease area: 4.00.00 Ha.), S NO: 160/ 1 paiki, Village: Rakka,Ta: Lalpur,Dist: Jamnagar. Proposal NO: SIA/GJ/MIN/54530/2016)

M/S Rajendra P. Trivedi,(Herein after Project Proponent(PP)) has applied for lime stone mining project at S NO: 160/ 1 paiki, Village: Rakka,Ta: Lalpur,Dist: Jamnagar.The mine lease area is 04.0000 Ha and proposed rate of mining is 72000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

During meeting, committee noted that PP has taken production of lime stone during the years 2013-14 to 2016-17. Committee noted that the above proposal is a violation case as project proponent has taken production without obtaining

environmental clearance. Hence Committee found that the project proponent has violated the provisions of EIA Notification-2006 by carrying out mining activity/ starting the production activity without obtaining prior EC. Hence, committee decided not to consider the project at this stage. Further it was decided to inform Gujarat Pollution Control Board to initiate credible action on the violation by invoking powers under Section 19 of the Environment (Protection) Act, 1986 for taking necessary legal action under Section 15 of the Act

11. Jusab Abbasbhai Khira , Limestone Mine at S NO: 160/1 paiki (Lease Area: 4.00.00 Ha), Village: Rakka, Ta: Lalpur, Dist: Jamnagar.(Proposal NO: SIA/GJ/MIN/56359/2016).

M/S Jusab Abbasbhai Khira,(Herein after Project Proponent(PP)) has applied for lime stone mining project at S NO: 160/ 1 paiki, Village: Rakka,Ta: Lalpur,Dist: Jamnagar.The mine lease area is 04.0000 Ha and proposed rate of mining is 96000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

During meeting, committee noted that PP has taken production of lime stone during the years 2013-14 to 2016-17. Committee noted that the above proposal is a violation case as project proponent has taken production without obtaining environmental clearance. Hence Committee found that the project proponent has violated the provisions of EIA Notification-2006 by carrying out mining activity/ starting the production activity without obtaining prior EC. Hence, committee decided not to consider the project at this stage. Further it was decided to inform Gujarat Pollution Control Board to initiate credible action on the violation by invoking powers under Section 19 of the Environment (Protection) Act, 1986 for taking necessary legal action under Section 15 of the Act

12. Maheboob Abbas Khira, Lime stone mining(Lease area: 4.00.00 Ha),S NO:160 paiki 1,Village: Rakka,Ta: Lalpur,Dist: Jamnagar. (Proposal No: SIA/GJ/MIN/56345/2016).

M/S Maheboob Abbas Khira,(Herein after Project Proponent(PP)) has applied for lime stone mining project at S NO: 160 paiki 1, Village: Rakka,Ta: Lalpur,Dist: Jamnagar.The mine lease area is 04.0000 Ha and proposed rate of mining is 1,08,000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

During meeting, committee noted that PP has taken production of lime stone during the years 2014-15 and 2015-16. Committee noted that the above proposal is a violation case as project proponent has taken production without obtaining environmental clearance. Hence Committee found that the project proponent has violated the provisions of EIA Notification-2006 by carrying out mining activity/ starting the production activity without obtaining prior EC. Hence, committee decided not to consider the project at this stage. Further it was decided to inform Gujarat Pollution Control Board to initiate credible action on the violation by invoking powers

under Section 19 of the Environment (Protection) Act, 1986 for taking necessary legal action under Section 15 of the Act

13.Umed ni Muvadi- Bauxite mine of Patel Jayantibhai Dwarkadas (Bauxite mine Lease area: 2.00.00 Ha),S NO: 42P,At:Umed Ni Muvadi, Ta:Talod, Disrt: Sabarkantha. (Proposal No: SIA/GJ/MIN/56836/2016).

The project proponent has applied for their existing Bauxite mine located at S NO: 42P, At:Umed Ni Muvadi, Ta:Talod, Dist: Sabarkantha.The mine lease area is 02.0000 Ha and proposed rate of mining is 11,500 MTPM. Mining process include manual open cast semi mechanized mining.The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included detailed lease status, details of mining method, google image of site, Environmental setting of the project, Mining details, water requirements, Environment management plan with impacts and its mitigation measures etc.

After detailed deliberation, considering the scale of project, it was categorized as B2. Project proponent was asked to submit additional information along for appraisal of the project as per **Annexure I**

EC AMENDMENT PROPOSALS

(1) Black trap Mining Project, Dist.: Amreli

Sr No.	Name of applicant	Lease Area and type	Survey No:	Village	Taluka	Dist:	Rate of mining
1	Bhavani Industries	00.89.19 Existing	S.N.:2P 22	Methodi	Lathi	Amreli	8000 MTPM

Environmental Clearance for the above proposal was issued on 25/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2585/2015. Project proponent has submitted an application on 13/06/2016 for correction of survey number and lease area mentioned in the EC.

Project proponent has mentioned that in an application comprising Form 1,it is mentioned that survey number of the proposal is "2/2P/10/P2/P2" and lease area mentioned is "00.99.23 Ha" whereas in EC, survey number of the proposal is "2p 22" and lease area mentioned is "00.89.19 Ha

Referring to the application made in Form I by the applicant, committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on 25/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2585/2015 for correction in survey number and lease area as below.

Sr No.	Name of applicant	Lease Area and type	Survey No:	Village	Taluka	Dist:	Rate of mining
1	Bhavani Industries	00.99.23 Existing	2/2P/10/P2/P2	Methdi	Lathi	Amreli	8000 TPM

(2). Black trap Mining Project, Dist.: Amreli

Sr No.	Name of applicant	Lease Area and type	Survey No:	Village	Taluka	Dist:	Rate of mining
2	Bhavani Industries	1.01.75 Existing	S.N.:2P 21	Methdi	Lathi	Amreli	6000 MTPM

Environmental Clearance for the above proposal was issued on 25/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2589/2015. Project proponent has submitted an application on 13/06/2016 for correction of survey number and lease area mentioned in the EC.

Project proponent has mentioned that in an application comprising Form 1, it is mentioned that survey number of the proposal is "2/2P/10/P2/P2" and lease area mentioned is "01.04.75 Ha" whereas in EC, survey number of the proposal is "2p 21" and lease area mentioned is "01.01.75 Ha".

Referring to the application made in Form I by the applicant, committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on 25/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2589/2015 for correction in survey number and lease area as below.

Sr No.	Name of applicant	Lease Area and type	Survey No:	Village	Taluka	Dist:	Rate of mining
2	Bhavani Industries	01.04.75 Existing	2/2P/10/P2/P2	Methdi	Lathi	Amreli	6000 MTPM

(3). Ordinary Sand Mining Project, Dist.: Kutch

Sr No.	Name of applicant	Lease Area and type	Location	Survey Number	Village	Taluka	Rate of mining
3	Akbarsha Husensha Pirjada	2.00.00 New	Vokdo Riverbed	S NO: E	Tera	Abdasa	15000 TPA

Environmental Clearance for the above proposal was issued on 31/08/2015 vide letter No. SEIAA/GUJ/EC/1(a)/3456/2015. Project proponent has submitted an application on 07/07/2016 for correction in lease area mentioned in the EC.

Project proponent has mentioned that in an application comprising Form 1, it is mentioned that lease area mentioned is "3.00.00 Ha" whereas in EC, it is mentioned as "02.00.00 Ha".

Referring to the application made in Form I by the applicant, committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on 31/08/2015 vide letter No. SEIAA/GUJ/EC/1(a)/3456/2015 for correction in lease area and shall be read as below.

Sr No.	Name of applicant	Lease Area and type	Location	Survey Number	Village	Taluka	Rate of mining
3	Akbarsha Husensha Pirjada	3.00.00 New	Vokdo Riverbed	S NO: E	Tera	Abdasa	15000 TPA

(4). Bentonite Mining Project, Dist.: Kutch

Sr No.	Name of applicant	Survey NO	Village	Taluka	Lease area	Rate of mining
4	Hareshkumar Vishvanath Pandya	S.N.: 171/2	Sherdi	Mandvi	04.69.00 Existing	1250 MTPM

Environmental Clearance for the above proposal was issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2427/2015. Project proponent has submitted an application on 13/07/2016 for correction in the name of project mentioned in the EC.

Project proponent has mentioned that in an application comprising Form 1, name of the project mentioned is "Atul Minerals" whereas in EC, it is mentioned as "Hareshkumar Vishvanath Pandya".

Referring to the application made in Form I by the applicant, committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2427/2015 for correction in the name of project as below.

Sr No.	Name of Project	Survey NO	Village	Taluka	Lease area	Rate of mining
4	Atul Minerals	S.N.: 171/2	Sherdi	Mandvi	04.69.00 Existing	1250 MTPM

(5). Bentonite Mining Project, Dist.: Kutch

Sr No.	Name of applicant	Survey NO	Village	Taluka	Lease area	Rate of mining
5	Hareshkumar Vishvanath Pandya	S.N.: 170/1 & 171/1	Sherdi	Mandvi	03.05.04 Existing	1250 MTPM

Environmental Clearance for the above proposal was issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2425/2015. Project proponent has submitted an application on 13/07/2016 for correction in the name of project mentioned in the EC.

Project proponent has mentioned that in an application comprising Form 1, name of the project mentioned is "Atul Minerals" whereas in EC, it is mentioned as "Hareshkumar Vishvanath Pandya".

Referring to the application made in Form I by the applicant, committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2425/2015 for correction in the name of project as below.

Sr No.	Name of applicant	Survey NO	Village	Taluka	Lease area	Rate of mining
5	Atul Minerals	S.N.: 170/1 & 171/1	Sherdi	Mandvi	03.05.04 Existing	1250 MTPM

(6). Bentonite Mining Project, Dist.: Kutch

Sr No.	Name of applicant	Survey NO	Village	Taluka	Lease area	Rate of mining
6	R.A. Songara	S.N.: 418/p	Vandh	Mandvi	05.00.00 Existing	1000 MTPM

Environmental Clearance for the above proposal was issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2343/2015. Project proponent has submitted an application on 13/07/2016 for correction in the name of village and survey number mentioned in the EC.

Project proponent has mentioned that in an application comprising Form 1, name of the village and survey number mentioned are ""Sherdi" and "376/P" respectively whereas in EC, it is mentioned as "Vandh" and "S NO: 418/p" respectively.

Referring to the application made in Form I by the applicant, committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on

23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2343/2015 for correction in the name of village and survey number as below.

Sr No.	Name of applicant	Survey NO	Village	Taluka	Lease area	Rate of mining
6	R.A. Songara	S.N.: 376/p	Sherdi	Mandvi	05.00.00 Existing	1000 MTPM

(7). Bentonite Mining Project, Dist.: Kutch

Sr No.	Name of applicant	Survey NO	Village	Taluka	Lease area	Rate of mining
7	Devrambhai Parbatbhai Patel	S NO:201/p	Pundi	Mandvi	01.00.00 Existing	834 MTPM

Environmental Clearance for the above proposal was issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2414/2015. Project proponent has submitted an application on 13/07/2016 for correction of survey number mentioned in the EC.

Project proponent has mentioned that in an application comprising Form 1, survey number mentioned is "218/P-2" whereas in EC, it is mentioned as 201/p".

Referring to the application made in Form I by the applicant, committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2414/2015 for correction of survey number as below.

Sr No.	Name of applicant	Survey NO	Village	Taluka	Lease area	Rate of mining
7	Devrambhai Parbatbhai Patel	SNO: 218/p2	Pundi	Mandvi	01.00.00 Existing	834 MTPM

(8). Basalt Stone Mining Project, Dist.: Surat

Sr No.	Name of applicant	Survey NO	Village	Taluka	Lease area	Rate of mining	Distance of the nearest village
8	Shri Mahadev Quarry	Opp. B.No: 93/100/101	Kamlapor	Mandvi	02.00.00 Existing	62000 MTPA	Kamlapor:1.87 km

Environmental Clearance for the above proposal was issued on 25/03/2015 vide letter No. SEIAA/GUJ/EC/1(a)/186/2015. Project proponent has submitted an application on 13/07/2016 for correction in lease area mentioned in the EC.

Project proponent has mentioned that in an application comprising Form 1, lease area mentioned is "2.00.00 Ha" whereas in EC, it is mentioned as "3.00.00 Ha".

Referring to the application made in Form I by the applicant, committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on 25/03/2015 vide letter No. SEIAA/GUJ/EC/1(a)/186/2015 for correction in lease area as below.

Sr No.	Name of applicant	Survey NO	Village	Taluka	Lease area	Rate of mining	Distance of the nearest village
8	Shri Mahadev Quarry	Opp. B.No: 93/100/101	Kamlapor	Mandvi	03.00.00 Existing	62000 MTPA	Kamlapor:1.87 km

(9). Black trap Mining Project, Dist.: Kutch

Sr No.	Name of applicant	Survey NO	Village	Taluka	Lease area	Rate of mining
9	Rupsanji Samtji Payer	S NO: 161/p	Miyani	Abdasa	04.00.00 Existing	5000 MTPA

Environmental Clearance for the above proposal was issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2394/2015. Project proponent has submitted an application on 13/07/2016 for correction in the name of mineral mentioned in the EC.

Project proponent has mentioned that in an application comprising Form 1, name of the mineral mentioned is Black Trap whereas in EC, it is mentioned as "Bentonite".

Referring to the application made in Form I by the applicant, committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2394/2015 for correction in the name of mineral as "Black Trap".

(10). Riverbed sand Mining Project, Dist.: Chotaudepur

Sr No.	Name of Project	Lease Area	Location	Survey NO	Village	Taluka	Rate of mining
10	Iqbalhussain N. Sindhi	07-30-00 Ha Existing	Orsang riverbed	93/1, 95/1, 96/1/2/3, 97/1	Vanta	Jetpur	80000 TPA

Environmental Clearance for the above proposal was issued on 18/04/2016 vide letter No. SEIAA/GUJ/EC/1(a)/259/2016. Project proponent has submitted an application on 29/06/2016 for correction in the name of project mentioned in the EC.

Project proponent has mentioned that in an application comprising Form 1, name of the project mentioned is " Najmabanu I Sindhi" whereas in EC, it is mentioned as "Iqbalhussain N. Sindhi".

Referring to the application made in Form I by the applicant, committee noticed that typographical error has inadvertently been made. After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on 18/04/2016 vide letter No. SEIAA/GUJ/EC/1(a)/259/2016 for correction in the name of project as "Najmabanu I Sindhi".

Sr No.	Name of Project	Lease Area	Location	Survey NO	Village	Taluka	Rate of mining
10	Najmabanu I Sindhi	07-30-00 Ha Existing	Orsang riverbed	93/1, 95/1, 96/1/2/3, 97/1	Vanta	Jetpur	80000 TPA

REFER BACK PROPOSAL:

1	Kanaiya Industries(Hadmatiya Bauxite Mine),	S NO: 121/P, (Area: 24 Ha), Village: Hadmatiya, Ta: Kalyanpur, Dist: Jamnagar.	Refer back Proposal
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Final EIA report of "Kanaiya Industries,(Hadmatiya Bauxite Mine), lease Area: 25.1412 Ha, S NO: 121/P, Vill:Hadmatiya, Ta:Kalyanpur, Dist:Jamnagar. was submitted by the project proponent on 24/02/2015 and accordingly project was appraised in the SEAC meeting held on 27-05-2015, 09/03/2016 and 13/04/2016.Accordingly,Proposal was recommended to SEIAA for grant of EC vide letter No: EIA-10-2008-M-342/1118 dated 04/05/2016.

During meeting of SEIAA held on 07/05/2016, proposal for EC was referred back to SEAC vide letter No: SEIAA/GUJ/EC/1(a)/332/2016 dated 20 May 2016 to verify the status of operation of mining in last three years.

Vide letter No:EIA-10-2016-M/1356 dated 30/05/2016, RO GPCB, Jamnagar requested to submit detailed report to verify the status of operation of mining in last three years.

On13/07/2016, SEAC received detailed inspection report of the aforementioned mine. Inspection report mentioned that no mining activities were going on during visit. Stock of 5000 MT of low grade bauxite was found stored at the site. It is further mentioned that they have stopped mining activities since last three years and records revealed that no production is taken during the years 2013-14, 2014-15 and 2015-16.

Committee also noted that direction under section 31A of the Air Act 1981 is issued by GPCB on 11/07/2011 for operating mining without obtaining prior environmental clearance. A case under section 15 and 19 of THE EPACT 1986 is filed against Project proponent in the Principal Civil Judge and JMFC Court, Kalyanpur by regional Officer, GPCB, Jamnagar on 03/04/2014.

Considering above, committee decided to keep the above EC proposal in abeyance till further direction of Ministry of Environment, Forest and Climate Change with regard to the violation cases under the EPACT 1986.

DELISTING OF THE PROPOSALS

Following proposals were queried during various SEAC meeting and reply is not submitted by the Project proponent till date. Details of proposals are as under:

Offline Proposals

Sr. No.	Project Name	Sr. No. Village/Taluka /Dist.	Village, Taluka, Dist	Mineral	Area in Hectare	Date of SEAC meeting
1	Gopi Quarry Works	S.no - 199/p	Gopipura, Halol Panchmahal	Black trap	6.00.00	03/11/2015
2	Shree Hari Quarry Works	S.no - 199/p	Gopipura, Halol Panchmahal	Black trap	9.96.54	03/11/2015
3	Harishbhai Jivabhai Patel	S.no - 199/p	Gopipura, Halol Panchmahal	Black trap	08.00.00	03/11/2015
4	Bhupendrabhai P. Patel	S.no - 199	Gopipura, Halol Panchmahal	Black trap	9.88.28	03/11/2015
5	Patel & Modi Company	S.no - 199/p	Gopipura, Halol Panchmahal	Black trap	6.00.00	03/11/2015
6	Ajaykumar Rameshbhai Rana	S.no - 199/p	Gopipura, Halol Panchmahal	Black trap	10.11.72	03/11/2015
7	Ravjibhai Jivabhai Patel	S.No.199/P	Gopipura, Halol Panchmahal	Black trap	10.11.72	03/11/2015
8	Gopalbhai Parmabhai Bhatesara	S.No.112/P	Vill: Somaniv andh Ta:	White Clay	01-68-88	13/05/2015

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Online Proposals

Sr. No.	Proposal No.	Project Name	Sr. No. Village/Taluka/District.	Project Proponent Name	Area In Hectare	Mineral	Name Of River	Date of SEAC Meeting
1	SIA/GJ/MI N/1011/2015	Manishbhai Laxmanbhai Kikani	11,12,34, Kukarmundra Nizar Tapi	MANISHBHAI L KIKANI	6.75.00	Sand	Tapi	20/10/2015
2	SIA/GJ/MI N/2718/2015	Shree Sabarmati Majur Kamdar Sahkari Mandali Ltd.	64,Rajpur,Gandhinagar	Shree Sabarmati Majur Kamdar Sahkari Mandali Ltd.	09-99-00 (New)	Sand	Sabarmati	05/01/2016
3	SIA/GJ/MI N/2953/2015	Jaydeepsinh Dolatsinh Ghariya	Orsandi nadi patt lagu, Vill: Modasar Ta:sankheda Dist:Chotaudepur	Jaydeepsinh Dolatsinh Ghariya	06.69.06 Existing	Sand	orsang	05/01/2016
4	SIA/GJ/MI N/3318/2015	Shri Sandipkumar Jayantilal Patel	801 P 1, Ghunada/Morbi	Shri Sandipkumar Jayantilal Patel	8-25-00 /New	Black trap	---	05/01/2016
5	SIA/GJ/MI N/3484/2015	Amrut Quarry C/O Jayesh M Patel	974/36P3,974/36P4, 974/56P2, Pandyapura, Dist:Panchmahal	AMRUT QUARRY C/O JAYESH M PATEL	6-00-00	Black trap	---	19/01/2016
6	SIA/GJ/MI N/3017/2015	Mustak Mamad Jat	116 p, Kojachora/Mandvi, Kutch	Mustak Mamad Jat	8.00.00 Existing	Black trap	--	19/01/2016
7	SIA/GJ/MI N/3025/2015	Abdul Rehman Boliya	212 p, Nani Tumbdi/Mundra, Kutch	Abdul Rehman Boliya	8.00.00 Existing	Black trap	---	19/01/2016

8	SIA/GJ/MI N/3249/20 15	Jadeja Bairajba Punjaji	Kera/ Bhuj, Kutch	Jadeja Bairajba Punjaji	9.90.00E xisting	Black trap	---	19/01/2016
9	SIA/GJ/MI N/3370/20 15	Hemubha Agarsang Jadeja	255 p, Moti Tumbdi/ Mundra, Kutch	Hemubha Agarsang Jadeja	5.39.33E xisting	Black trap	---	19/01/2016
10	SIA/GJ/MI N/3747/20 15	Chenji Motiji Thakor	190 P Banas river, Chhtrala/ Deesa, Banaskantha	Chenjmotiji thakor	7-42-60 / New	Sand	Banas	19/01/2016
11	SIA/GJ/MI N/3275/20 15	Mohammed Rafiq Sindhi	9/1 & 12 P Orsang River, Tadkachla/ Pavi Jetpur	Mohammed Rafiq Sindhi	07-46-00 Existing	Sand	Orsang	19/01/2016

The above proposals were discussed in the committee and referring to the OM of MOEF dated 30th October 2012, committee unanimously decided to delist all the mining proposals from the list of pending project which have not replied the additional information even after 6 months of SEAC meeting.

BLACK TRAP MINING PROJECT, DIST: SURAT

Sr. No.	Project Name	S NO	Vill	Lease area	Ta & District	Rate of mining	Nearest human Habitation
1.	Vijay Stone Quarry	Block NO: 289	Zab	01-00-00 Ha	Ta: Mandvi Dist: Surat	45,000 MTPA	Zab: 1.45 km

Letter of Member Secretary, State level Environment Impact Assessment Authority (SEIAA) regarding noncompliance of EC conditions by Vijay Stone Quarry Works, Vill: Zab, Ta: Mandvi, Dist: Surat is received by MS, SEAC on 16/04/2016. Referring to the letter of Directorate general of Mines Safety, it is mentioned that complaint was received from the villagers of Zab, Ta: Mandvi, Dist: Surat regarding damage occurred to their house hold properties due to illegal blasting at Vijay Stone Quarry. It is further mentioned that an official of the directorate general of mine

safety enquired into the complaint and during enquiry following observation were made.

Flying fragment emanating from blasting of basalt stone conducted by unqualified blaster causing imminent danger to the life and safety of the villagers residing in the Zab village within the blasting danger zone (300m) in contravention of regulation 164 (1-A) and 164 (1-B) of metaliferous mines regulation, 1961 framed under the Mines Act, 1952 requiring immediate action to stop blasting and stone dust generated during crushing, blasting, loading and unloading operations in the crusher situated in the vicinity of Zab village in contravention of regulation 124 of Metaliferous Mines Regulation, 1961 framed under the Mines Act 1952 causing serious health hazards to the villagers as well as mine workers and damaging the environment requiring immediate stoppage of crushing, blasting, loading and unloading operation in Crusher in the stone quarry. It is further mentioned that vide EC accorded to the Vijay Stone Quarry, conditions 26 and 28 are not complied with as "illegal blasting was carried out in the quarry in connivance with the help of explosives dealer licensed by department of explosive. It is further mentioned that blasting was done by a person not holding Blaster's Certificate granted under regulation 160(1) of the Metaliferous Mines regulation, 1961 framed under the Mines Act, 1952 as all quarries have to operate under the statutes framed under the Mines Act, 1952.

Accordingly, aforementioned lease holders were invited for explanation from their side in the SEAC meeting on 30/04/2016 for giving an opportunity of being heard before taking decision regarding cancellation of EC already accorded. Committee also noticed that order under section 22(3) of the Mines Act 1952 at Vijay Stone Quarry Works has been imposed by the Directorate general of Mines Safety prohibiting the employment of persons in the mine till rectification of the serious contraventions of regulation 34 (1),124, 160(1),164(1-A) and 164(1-B) of Metalliferous Mines Regulations, 1961.

Before taking decision of cancellation of EC, Project proponents were invited in SEAC meeting held on 30/04/2016 to clarify their stand regarding content of letter of Directorate General of Mine Safety. Shri Piyushbhai Kansagra and Shri Kanubhai G. Patel, Partners of Vijay Stone quarry remained present. Committee asked PP to clarify regarding content of the letter received from the MS,SEIAA and noncompliance of condition no 26 and 28 as per the enquiry made by the officer of the Directorate general of mines and Safety, Surat after reading it before the project proponent to which PP mentioned that they have resolved the shortcoming regarding blasting protocol for their quarry and also requested committee to grant them 15 days to submit reply from their side to which committee agreed and asked PP to submit detailed reply. Committee further decided to take up this proposal in one of the upcoming SEAC meeting after submission of the reply by PP.

During meeting, Shri Piyushbhai Kansagra, authorized signatory of the Vijay Stone quarry informed committee that they have submitted a letter to Directorate General

of Safety, Surat complying all the discrepancies and requested to withdraw prohibitory order under section 22(3) of the Mines Act 1952. PP further submitted a letter to the committee mentioning that they have appointed a duly qualified Mines manager for mining activities and have taken actions to prevent dust created during blasting, loading, unloading and crushing operations in the crusher

After deliberation, committee decided to ask Directorate General of Mines Safety (DGMS) Surat regarding their opinion with reference to cancellation of Environmental Clearance granted to M/S Vijay Stone Quarry after submission of the compliance report under Mines Act by the project proponent to them.

DGMS vide letter No: SR/DGMS/Mandvi-Stone/2016/692 dated 08/07/2016 informed SEAC that Shri Piyushbhai, Owner of the Vijay Stone Quarry has complied with all the serious violations pointed out in the prohibitory order under section 22(3) of the Mines Act 1952 issued dated 05/02/2016.

After referring the DGMS letter dated 08/07/2016 and submission of EC compliance for the period June 2015 to December 2015 and Dec 2015- May 2016 by the project proponent, committee decided not to recommend any action with reference to the DGMS letter forwarded to SEAC by MS, SEIAA vide letter NO: SEIAA/GUJ/GEN/211/2016 dated 16/03/2016.

ANNEXURE I.

ADDITIONAL INFORMATION FOR MAJOR MINERAL MINING PROJECT UNDER CATEGORY B2.

1. Project site specific details such as distance of the project site from the nearest (1) Village (2) Water Body : River / Creek / Nallah / Lake / Pond / Reservoir / Canal (3) National Highway (4) State Highway (5) Railway line (6) Heritage site (7) National Park / Wild Life Sanctuary / Reserve Forest / Protected Forest. A map indicating the aerial distance of the lease area from these entities.
2. Copies of all requisite permissions including permissions from District Collector, Commissioner, Geology & Mining, Indian Bureau of Mines, GPCB, Copy of valid renewed lease and / or lease renewal status from department of Industries and Mine, Government of Gujarat etc.
3. Year-wise production details since 2006 should be given clearly stating the highest production achieved in any one year prior to 2006. It may also be categorically informed whether there had been any increase in production after the EIA Notification 2006 came into force, w.r.t. the highest production achieved prior to 2006.
4. Current operational status of the mine.
5. Land use plan of the mine lease area should be prepared to encompass pre-operational, operational and post operational phases.
6. Approved mining plan including progressive mine closure plan including details of cluster for homogeneous mineral within 500 meter radius of the lease boundary and details of EC status of each lease included in a cluster.
7. One complete season base line ambient air quality data (except monsoon) to be given along with the dates of monitoring. The parameters to be covered shall be in accordance with the revised National Ambient Air Quality Standards as well as project specific parameters. Locations of the monitoring stations should be so decided so as to take into consideration the pre-dominant downwind direction, population zone and sensitive receptors. There should be at least one monitoring station in the upwind direction. There should be at least one monitoring station in the pre dominant downwind direction at a location where maximum ground level concentration is likely to occur.
8. Details of peripheral drains to arrest the inflow of surface runoff in the quarry area and garland drains for arresting run off from the overburden / reject dumps. Specific measures to ensure that contaminated runoff from mine terrain will not lead to the rivers / natural drains / adjoining farms, in any case.

9. Technical justification for no requirement of blasting. Notarized undertaking stating that no blasting shall be carried out for entire period of mining.
10. Impact due to fugitive emissions including that because of transportation activities and the mitigation measures thereof need to be elaborated.
11. Dust suppression measures & control measures at worker level & proposed PPE to workers.
12. Detailed overburden and mine rejects management plan.
13. Detailed write up and drawing of mine closure plan. Water reservoirs to be constructed after closure of mine should be in proper shape and having proper fencing.
14. Details on back filling system of the exhausted mine. Details on compaction of back filling layer.
15. The reclamation plan, post mine land use and progressive green belt development plan along with year wise financial outlay shall be included.
16. The water requirement for the project along with the source and availability as well as necessary permissions from the competent authority for drawl of groundwater, if any. Justification for water consumption with regard to domestic consumption, plantation and dust suppression use keeping rate of mining and vehicles movements per day in a view.
17. Details of the water conservation measures proposed to be adopted in the project should be highlighted.
18. Information on site elevation, working depth, ground water table should be provided. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater.
19. Check list of flora and fauna in the study area and impacts of the project on the same along with mitigation measures.
20. Occupational health impact of the project especially during manual operations in the work area and the mitigation measures proposed along with the commitment of the project proponent for implementation of the mitigation measures.
21. Plan for periodic medical examination of the mine workers.
22. Details of the basic amenities, infrastructure facilities, PPEs etc. to be provided to the mine workers.
23. Detailed Mitigation Plan and the Environmental Management Plan with respect to all likely impacts of the project activities. Total capital cost and recurring cost/annum earmarked for environment pollution control measures.
24. An action plan showing list of the activities along with the fund allocation shall be submitted based on the socio-economic profile of the surrounding villages and need base field assessment.

25. Details regarding existing green belt development activity carried out during past years. A detailed future greenbelt development plan including type of species, number of trees, budgetary allocation, etc.
26. Details of fencing, tree plantation done in the existing mined area.
27. Any litigation pending against the project and / or any direction / order passed by any Court of Law against the project, if so, details thereof.
28. (a) Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed. (b). Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions ? If so, it may be detailed.
29. What is the hierarchical system or administrative order of the company to deal with the environmental issues and for ensuring compliance with the EC conditions. Details of this system may be given.
30. Does the company have a 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? This reporting mechanism should be detailed.

The project shall be appraised after submission of above cited additional details.

ANNEXURE II.

TERMS OF REFERENCE FOR NON-COAL MINING PROJECT UNDER CATEGORY 1(a).

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. Details of rainwater harvesting proposed in the Project, if any, should be provided.
27. 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.
28. 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. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
 34. 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.
 35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
 36. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
 37. Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
 38. Detailed environmental management plan (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.
 39. 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.
 40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
 41. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
 42. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
 43. 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.
 44. 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.

Beside above standard TORs, following additional TORs are recommended :

1. Project site specific details such as distance of the project site from nearest (1) Village (2) Water Body : River / Creek / Nallah / Lake / Pond / Reservoir / Canal (3) National Highway (4) State Highway (5) Railway line (6) Heritage site (7) National Park / Wild Life Sanctuary / Reserve Forest / Protected Forest shall be included in the rapid EIA report to be prepared covering one season (other than monsoon) data. A map indicating the aerial distance of the lease area from these entities.
2. Copies of all requisite permissions including permissions from District Collector, Commissioner of Geology & Mining, Indian Bureau of Mines, GPCB, Current lease renewal status with copy of renewed lease (if any), Project details duly validated by the district geologist to be incorporated.
3. Approved mining plan including progressive mine closure plan shall be provided with EIA report. Letter of competent mining plan approval authority shall also be incorporated with compliance of all the recommendations mentioned in approved mining plan.
4. Details of peripheral drains to arrest the inflow of surface runoff in the quarry area and garland drains for arresting run off from the overburden / reject dumps. Specific measures to ensure that contaminated runoff from mine terrain will not lead to the rivers / natural drains / adjoining farms, in any case.
5. A study report for utilization of water accumulated in reservoir during operation phase and post mine closure phase and its associated environmental benefits.
6. Details of preventive measures to be taken for non occurrence of any fatal or non fatal accidents.
7. Technical justification for requirement of blasting and details of methods adopted for blasting, details of approved personnel for blasting, all the blasting related permissions from the concerned authority and compliance thereof for blasting protocol.
8. Details of the measures to be taken to prevent pits due to mining on nearby/adjoined roads, details of onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report
9. 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.

The meeting was concluded with thanks to the chair and members.

1. Shri T.P. Singh, Chairman, SEAC.
2. Shri V.C.Soni,Vice Chairman, SEAC
3. Dr. Mayuri Pandya, Member, SEAC
4. Dr. V.K.jain,Member, SEAC.
5. Shri R.J.Shah, Member, SEAC