

MINUTES OF THE 293rd MEETING OF THE STATE LEVEL EXPERT APPRAISAL COMMITTEE HELD ON 01/06/2016 AT COMMITTEE ROOM, GUJARAT POLLUTION CONTROL BOARD, GANDHINAGAR.

The 293rd meeting of the State Level Expert Appraisal Committee (SEAC) was held on 1st June 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. Shri V. N. Patel, Member, SEAC
4. Shri R.I.Shah, Member, SEAC.
5. Shri R.J.Shah, Member, SEAC

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

1. Shri Mehul Shah, Royalty Inspector, Dist:Chotaudepur
2. Shri D.K.Patel, Geologist, Surat
3. Shri U.K.Singh, Asst. Geologist, Dist: Botad and Bhavnagar
4. Shri V.P.Solanki, Surveyor, Dist: Vadodara
5. Shri G.R.Patel, Geological Assistant, Dist: Narmada
6. Shri Sanket Patel, Mining Supervisor, Dist: Anand

Sr.	District	Sand	Gravel	ordinary Soil	Dolomite	Black	Chalk	Bentonite	Silica Sand	White	China	Total
						Trap				Clay	Clay	
1	Anand	2										2
2	Botad	9										9
3	Bhavnagar						1					1
4	Chotaudepur	1			1							2
5	Gandhinagar	1										1
6	Narmada		2	1								3
7	Kutch	1				2		1		3	3	10
8	Porbandar						1					1
9	Surat	2				1			1			4
10	Vadodara	1										1
	Total	17	2	1	1	3	2	1	1	3	3	34

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

SAND MINING PROPOSALS, DIST:BOTAD

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
1	SIA/GJ/MIN/2 192/2015	GREVAL MINING PROJECT	Patana RanpurBotad	KETAN CONSTRUCTION PVT.LTD	9.90.00	80000 MT	Bhadar	Patana 2km
2	SIA/GJ/MIN/2 191/2015	GREVAL MINING PROJECT	Patana RanpurBotad	KETAN CONSTRUCTION PVT.LTD	8.00.00	Not Given	Bhadar	Patana 2km
3	SIA/GJ/MIN/2 190/2015	GREVAL MINING PROJECT	KinaraRanpurBotad	KETAN CONSTRUCTION PVT.LTD	9.90.00	50000 MTPA	Bhadar	Kinara 1.5km
4	SIA/GJ/MIN/2 186/2015	GREVAL MINING PROJECT	KinaraRanpurBotad	KETAN CONSTRUCTION PVT.LTD	8.00.00	80000 MT	Bhadar	Kinara 1.5km
5	SIA/GJ/MIN/2 183/2015	ORDINARY SAND MINING PROJECT	Patana RanpurBotad	KETAN CONSTRUCTION PVT.LTD	9.90.00	80000 MTPA	Bhadar	Patana 2km
6	SIA/GJ/MIN/2 181/2015	ORDINARY SAND MINING PROJECT	Patana RanpurBotad	KETAN CONSTRUCTION PVT.LTD	8.00.00	80000 MTPA	Bhadar	Patana 2km
7	SIA/GJ/MIN/2 180/2015	ORDINARY SAND MINING PROJECT	KanaraRanpur Botad	KETAN CONSTRUCTION PVT.LTD	9.90.00	50000 MTPA	Bhadar	Kanara 1.5km
8	SIA/GJ/MIN/2 179/2015	ORDINARY SAND MINING PROJECT	KanaraRanpur Botad	KETAN CONSTRUCTION PVT.LTD	8.00.00	80000 MTPA	Bhadar	Kanara 1.5km
9	SIA/GJ/MIN/ 2092/2015	ORDINARY SAND MINING PROJECT	Ghelo river, Vill:Rampura, Ta:Gadhada Dist:Botad	GOHIL KULDIPSINH P	5.06.08 New	800 MT/M	Ghelo	Rampura 0.8km

Shri U.K.Singh, Asst. Geologist, Dist:Botad remained present. He informed the committee that presentations for the proposal Nos: 1 to 8 are not ready and requested to defer the proposals in one of the upcoming SEAC meeting. Committee noticed that above proposals at Sr NO 1 to 8 were scheduled for appraisal on 27/10/2016 and 30/04/2016 and were deferred due to absence of the geologist. Today also, asst geologist is requesting to defer the proposals as presentation is not ready for the above proposals. Committee after deliberation unanimously decided to delist the proposals at Sr No 1 to 8 from pending EC application list of SEAC and closed the proposals and asked asst. geologist to apply afresh.

Shri U K Singh represented the proposal No: SIA/GJ/MIN/2092/2015 at sr.n NO:9 before the committee. He informed that the proposal is located at distance of 1.10 km from the dam. He further represented that no any bridge piers / water intake wells / irrigation structures exist within 500 m distance from boundary of lease area. He explained that sand excavation will be done up to maximum 3 m depth or water level, whichever is less. 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. Minimum setback distance of 30 meter shall be maintained from the river bank to prevent bank erosion. Shri U.K.Singh during meeting submitted written confirmation for the proposal no 9 for not falling in cluster however copy of approved mining plan is not submitted. Committee asked asst. geologist to submit approved mining plan and decided to consider the proposal for further consideration in one of the upcoming SEAC meeting.

CHALK MINING PROPOSALS,DIST:BHAVNAGAR

Sr. no.	Proposal No.	Project Name	S NO Vill,Taluka	Hectare	Rate of mining	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/52392/2016	M/s. Saurashtra Minerals & Chemical Industries (Unific Enterprise)	S.No.182,Panvi, Valbhipur, Bhavnagar (Govt. waste land)	12-00-00 Existing	6695 TPA	Panvi :2km	As filler material

Shri U K Singh represented the above proposal before the committee. He informed that the proposed lease area is govt. waste land and lease was granted vide order no MCR/1582/(S-267)363-CHH on 24/02/1984 and renewal application is submitted on 08/01/2002.No forest land is involved. Water will be brought through tanker and 15 KLPD water will be used for drinking, plantation and dust suppression purpose. There will be no waste generation. Mining will be carried out by manual open cast method without drilling and blasting. Garland drain will be constructed around excavated pit area. All vehicles will be covered to prevent fugitive emission. There will be no intersection of ground water table. 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. PP has submitted mining plan. Shri U.K.Singh, Asst. Geologist, Dist: Botad

during meeting submitted written confirmation for the above proposal for not falling in cluster.

After detailed deliberation and considering the mitigation measures proposed by the lease holder, Committee unanimously decided to recommend the above 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 15th April 2015 with specific condition of compliance of all the conditions mentioned in amendment in EIA Notification 2006 on 15/01/2016.

SAND MINING PROJECT, DIST: CHHOTAUDEPUR

Sr. no.	Proposal No.	Project Name	S NO	Vill, Taluka	Hectare	Rate of mining	Name of River	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/33123/2015	Pravin Sakharam Patel	836 & 869	Bahadarpur/Sankheda	06-55-00 Existing	80000 MT/Year	Orsang river	Bahadarpur 0.280 km	Construction

Shri M. B. Shah, Royalty Inspector, 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. Shri M.B. Shah submitted written confirmation mentioning that the nearest human habitation is Bahadarpur village located at 280 meter from the proposed lease.

After presentation, committee deliberated that the nearest human habitation is Bahadarpur village located at 280 meter from the proposed lease and hence proposal cannot be recommended for environmental clearance and hence unanimously decided to recommend the above proposal for rejection of environmental clearance to SEIAA.

BLACK TRAP MINING PROJECT, DIST: KUTCH

Sr. no.	Proposal No.	Project Name	Mine rals	S NO	Vill, Taluka	District	Hectare	Rate of mining	Nearest Habitation	Proposed use
1	SIA/GJ/MIN34067/2015	Chhaganlal Ravji Solanki	Black Trap	892	Sai/Rapar	Kutch	8-00-00 Existing	8000 MT/M	Sai 3 km	Construction

2	SIA/GJ/MIN/34837/2015	M.G.Bhavnani	Black Trap	182, Govt Land	Moti Nagar/ Anjar	kutch	05-40-00 New	4000 Mt/M	Nagar par 1.2 km	Constructi on
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Asst. Geologist, Dist: Kutch / Project proponent with RQP remained absent for the above proposals. Committee noticed that the aforementioned proposals were scheduled during SEAC meeting held on 09/03/2016 and 30/04/2016 and at that time too Geologist/ PP along with RQP remained absent. Committee deliberated that for the above proposals, PP/ geologist could not remain present and hence unanimously decided to close the aforementioned proposals and delist from the pending application list of SEAC.

SAND MINING PROJECT, DIST:KUTCH

Sr. no.	Proposal No.	Project Name	S N O	Vill, Taluka	Distri ct	Hectar e	Rate of mining	Nearest Habitati on	Proposal use
1	SIA/GJ/MIN/36794/2015	kesavji manji sorathi ya	468	Luni/ Bhuj	kutch	05-07-84 Existing	5000 MT/M	Luni 2 km	Constructi on

Asst. Geologist, Dist: Kutch / Project proponent with RQP remained absent for the above proposals. Committee noticed that the aforementioned proposals were scheduled during SEAC meeting held on 09/03/2016 and 30/04/2016 and at that time too Geologist/ PP along with RQP remained absent. Committee deliberated that for the above proposals, PP/ geologist could not remain present and hence unanimously decided to close the aforementioned proposals and delist from the pending application list of SEAC.

WHITE CLAY MINING PROJECT: DIST:KUTCH

Sr. no.	Proposal No.	Project Name	Mine rals	S NO	Vill, Tal uka	Distr ict	Hect are	Rate of mining	Neares t Habita tion	Prop osal use
1	SIA/GJ/MIN/35600/2015	Bhavana Minerals	Whit e Clay/ China Clay	279 P, Govt Land	Modasa r/ Anjar	kut ch	5.4 Exist ing	2500 Mt/M	Modas ar 3.13 km	

2	SIA/GJ/MIN/37815/2016	ASIFRA YMA Haresh Construct ion	White Clay	483 P	Mamuar a/Bhuj	kutch	10- 00- 00	500 0 MT/ M	Mamu ara 0.33 km	
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Asst. Geologist, Dist: Kutch / Project proponent with RQP remained absent for the above proposals. Committee noticed that the aforementioned proposals were scheduled during SEAC meeting held on 09/03/2016 and 30/04/2016 and at that time too Geologist/ PP along with RQP remained absent. Committee deliberated that for the above proposals, PP/ geologist could not remain present and hence unanimously decided to close the aforementioned proposals and delist from the pending application list of SEAC.

BENTONITE MINING PROJECT, DIST: KUTCH

Sr. no.	Proposal No.	Project Name	S.N O	Vill, Taluka	District	Hectare	Rate of mining	Nearest Habitation	Proposed use
1	SIA/GJ/MIN/38776/2016	Shiv Enterprise (Govindbhai ShivjiBhai Pindariya)	182 P, pvt. land	Sherdi/ Mandvi	kutch	5-56-45	2000 MT/M	Sherdi 2 km	Drilling Mud

Asst. Geologist, Dist: Kutch / Project proponent with RQP remained absent for the above proposals. Committee noticed that the aforementioned proposals were scheduled during SEAC meeting held on 09/03/2016 and 30/04/2016 and at that time too Geologist/ PP along with RQP remained absent. Committee deliberated that for the above proposals, PP/ geologist could not remain present and hence unanimously decided to close the aforementioned proposals and delist from the pending application list of SEAC.

CHINA CLAY MINING PROJECT, DIST:KUTCH

Sr. no.	Proposal No.	Project Name	S NO	Vill,Taluka	District	Hectare	Rate of mining	Nearest Habitation
1	SIA/GJ/MIN/35769/2015	Jitendraku mar Shankarlal Jobanputra	1563 P	Jatavada/ Rapar	kutch	10-70-80 Existing	1500 Mt/M	Balasar 4.36 km
2	SIA/GJ/MIN/50239/2016	M/S Shreeram Minchem International		Padhar, Ta : Bhuj	kutch	15-00-00 Existing	15-00-00 Existing	Padhar 3.04 km

3	SIA/GJ/MIN/50235/2016	Manoj P Solanki (Nadapa)	682 P	,Nadapa, Bhuj,	kutch	6-50-00 Existing	6-50-00 Existing	Nadapa 1.30 km
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Asst. Geologist, Dist: Kutch / Project proponent with RQP remained absent for the proposal No: SIA/GJ/MIN/35769/2015. Committee noticed that the aforementioned proposal was scheduled during SEAC meeting held on 09/03/2016 and 30/04/2016 and at that time too Geologist/ PP along with RQP remained absent. Committee deliberated that for the proposal No: SIA/GJ/MIN/35769/2015, PP/ geologist could not remain present and hence unanimously decided to close the aforementioned proposals and delist from the pending application list of SEAC.

For the proposal Nos: SIA/GJ/MIN/50239/2016 and SIA/GJ/MIN/50235/2016, Geologist/ PP with RQP remained absent and committee unanimously decided to defer the proposal in one of the upcoming SEAC meeting.

SAND MINING PROJECT, DIST:SURAT

Sr. no.	Proposal No.	Project Name	S NO	Vill,Tal uka	Hectare	Rate of mining	Name of River	Nearest Habitation	Proposal use
1	SIA/GJ/MIN / 38942/2016	Arvindbhai Vallabhbhai Solanki	107/A,109,121,87	Vankla/Mandvi	07-49-50 Existing	5000 MT/M	Tapi	Vankla 0.70 km	Construction
2	SIA/GJ/MIN/49871/2016	Arvindbhai Ravjibhai Rathod	381,383,387,396 P	Vill:Un, Ta: Mandvi	6-77-45 Existing	120000 MTPA	Tapi	Un: 0.62 km	Construction

Proposal NO: SIA/GJ/MIN/38942/2016 was scheduled in SEAC meeting held on 09/03/2016 and Shri D.K.Patel, Geologist informed the committee that hard copy could not be submitted and requested to defer the proposal and subsequently proposal was deferred to meeting held on 30/04/2016. During meeting on 30/04/2016, Shri D.K.Patel, Geologist informed committee that proposal no: SIA/GJ/MIN/38942/2016 is located in the river bed of Tapi comprising black trap. During period of monsoon, deposition of sand occurs on the black trap and it is not an in-stream mining. He further clarified that the said proposal is not falling under the cluster and lease holder has submitted mining plan. While reviewing application, Committee noted that application comprises only EMP and project details of the proposal however it does not include Form I, Prefeasibility report and approved mining plan. After deliberation, on 30/04/2016, committee asked geologist to submit hard copy of the proposal comprising Form I, Prefeasibility report and approved mining plan. The proposal No: SIA/GJ/MIN/38942/2016 was rescheduled today and committee observed that PP has submitted Form I, Prefeasibility report without

approved mining plan and details of formation of cluster for homogeneous mineral though same was informed during SEAC meeting on 30/04/2016 and through letter No: EIA-10-2016-M-6823/1215 dated 16 May 2016. After deliberation, Committee unanimously decided to close the proposal No: SIA/GJ/MIN/38942/2016 and delist it from pending EC application list of SEAC and asked geologist to apply afresh.

For the proposal No: SIA/GJ/MIN/49871/2016, Shri D.K.Patel, Geologist submitted Form I, Prefeasibility report, project details validated by the geologist, EMP along with other lease related documents. Shri D.K. Patel informed that lease area is located in the Tapi river bed which is under water. 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. 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 observed that the proposed lease area is under water and it is an instream mining. Committee referred OM of MoEF dated 24/12/2013 stating that instream mining is not allowed. Hence committee unanimously decided to recommend for rejection of the Proposal NO: SIA/GJ/MIN/49871/2016 to SEIAA as proposal is an instream mining.

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 34,124, 160(1),164(1-A) and 164(1-B) of Metalliferous Mines Regulations, 1961.

Before taking decision of recommendation for cancellation of EC to SEIAA and allowing project proponent for giving an opportunity of being heard, project proponent was invited in SEAC meeting held on 30/04/2016 to clarify 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 Safety, 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.

SAND MINING PROJECT, DIST: VADODARA

Sr. no.	Proposal No.	Project Name	S NO	Vill,Ta loka	Hect are	Name of river	Rate of mining	Nearest Habitat ion	Proposal use
1	SIA/GJ/MIN/33884/2015	Alpeshkumar Babubhai Panchal	Opp. S NO:1030, 1033,1052/1, 1428 P Narmada nadi patt	Oze/ Karjan	09-08-26 Existing Govt Land	Narmada	60,000 MT/M	Oze 1.92 km	Constructi on

Shri V.P.Solanki, Surveyor, District: Vadodara informed that proposed lease is located in Narmada river bed. He informed committee that 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. Shri V.P.Solanki informed that there is no instream mining and sand mining will be done from dry river bed only.

While reviewing documents submitted by the project proponent, it is observed that copy of approved mining plan, project details and information regarding formation of cluster for homogeneous minerals within 500 meter radius from the outer periphery of the lease area validated by the geologist could not be submitted by the project proponent hence committee asked surveyor to submit approved mining plan, environment management plan (EMP), project details validated by district geologist, letter of intent and details regarding formation of cluster for homogeneous minerals within 500 meter radius from the outer periphery of the lease area. Upon submission of the said details, committee unanimously decided to take up the proposal No: SIA/GJ/MIN/33884/2015 for further consideration in one of the upcoming SEAC meeting.

PROPOSALS FOR FIRST HEARING

Sr.No.	Proposal No.	Project Name	District	Hectare
1	SIA/GJ/MIN/9605/2016 Bottom of Form	SH BHUPENDRA KUMAR REWA SHANKAR GAUR	Bhuj	20-00

Asst. Geologist, Dist: Kutch / Project proponent with RQP remained absent for the above proposal. After deliberation, committee decided to defer the proposal in one of the upcoming SEAC meeting for further consideration.

Sr.No.	Proposal No.	Project Name	District	Hectare
2	SIA/GJ/MIN/12388/2016	SHRI ANIL R SHAH	Chhotaudepur	38-44

Shri M.B.Shah, Royalty Inspector, Dist: Chotaudepur informed committee that presentation for the above proposal is not ready and requested committee to defer the proposal to one of the upcoming SEAC meeting. Committee asked royalty inspector to come prepared for presentation so as to expedite processing of environmental clearance application. After deliberation, committee decided to defer the proposal in one of the upcoming SEAC meeting for further consideration.

ORDINARY SOIL MINING PROJECT, DIST: NARMADA

Sr. no.	Proposal No.	Project Name	S NO	Address	Hect are	Riv er	Rate of minin g	Nearest Habitati on	Proposal use
3	SIA/GJ/MIN/52827/2016	Ordinary Soil Mining Project located near village:Seng ara,Ta:Chudeshwar,Dist:Narmada (RITWIK PROJECT PVT LTD)	45,47 (Part of Narmada River)	Vill:Seng para Ta:Garudeshwar,Dist:Narmada.	7.5676 New (one time permit) Govt .Land.	Narmada	10,000 MTPA	Uplu Rampara: 0.890 km	Construct ion

Shri G.R.Patel, geological Assistant, District: Narmada represented the above proposal before the committee. He submitted a letter stating that the proposal does not fall in a cluster. As per the amendment in EIA Notification 2006 on 15.01.2016, committee categorized the above proposal as B2. He informed that proposal is located in government land at left side of Narmada river. He informed that there is no forest land exists within lease area. Shoolpaneshwar wildlife sanctuary is located at a distance of 6.3 km south direction.CRZ Notification 2011 is not applicable to the proposed project. He further informed that mining will be done by open cast manual

method and no drilling and blasting is proposed. There will be dust emission from loading process in tippers for dispatch as well as fugitive emission during loading and transportation however mitigation measures such as water sprinkling will be carried out to curb fugitive emission. No mining will be carried out during monsoon period. There will be no intersection of ground water table. PP has submitted mining plan. Proposal does not have impact on natural drainage of surrounding area as it is not disturbing any tract of land anywhere. PP informed that regular monitoring of air, water and noise will be done to maintain the prescribed standards of CPCB and health camp will be organised on regular basis. Green belt will be developed.

After detailed deliberation, committee referred draft notification of MOEF dated 30th July 2015 vide No: S.O. 2079(E). In the draft notification, area up to 7 km around the boundary of Shoolpaneshwar Wildlife Sanctuary is declared as the Shoolpaneshwar Wildlife Sanctuary Eco Sensitive Zone. The proposed lease area is located at 6.3 km from the Shoolpaneshwar Wildlife Sanctuary and hence committee asked Shri G.R.Patel, geological Assistant, District: Narmada and project proponent to get confirmation of the forest department regarding location of the proposed lease area whether falls under eco-sensitive zone or not ?

Upon submission of the said details, committee unanimously decided to take up the proposal No: SIA/GJ/MIN/52827/2016 for further consideration in one of the upcoming SEAC meeting.

GRAVEL MINING PROJECT, DIST: NARMADA

Sr. no.	Proposal No.	Project Name	S NO	Address	Hect are	River	Rate of mining	Neares t Habitation	Proposa l use
4	SIA/GJ/MIN/52812/2016	Chudeshwar Gravel Deposit e(Narmada River) (RITWIK PROJECT PVT LTD)	135,144, 145, 70 to 73, 179, 180	Vill: Chudeshwar Ta:Tilakwada,Dist:Narmada.	15 Ha New (Govt. Land),Gravel permit	Narmada	100,000 MTPA	Gansinda:0.60 km	Constru ction

Shri G.R.Patel, Geological Assistant, District: Narmada represented the above proposal before the committee. He submitted a letter stating that proposal does not fall in a cluster as well as in water. He further mentioned that there is no instream mining and gravel mining will be done from dry river bed only. As per the amendment in EIA Notification 2006 on 15.01.2016, committee categorized the above proposal as B2.He informed that proposal is located in Narmada river and gravel 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 gravel 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 setback distance of 15m to 20m 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 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.

GRAVEL MINING PROJECT, DIST: NARMADA

Sr. no.	Proposal No.	Project Name	S NO	Address	Hectare	River	Rate of mining	Nearest Habitat ion	Proposal use
5	SIA/GJ/MIN/52764/2016	Vasan Gravel Deposit(Narmada River) (RITWIK PROJECT PVT LTD)	9,191,14,15,21,22,26,27,29 to 33	Vill:Vasan Ta:Tilakwada, Dist:Narmada.	15 Ha New (Govt. Land), Gravel permit	Narmada	100,000 MTPA	Vasan: 1.00 km	Construc tion

Shri G.R.Patel, Geological Assistant, District: Narmada represented the above proposal before the committee. He submitted a letter stating that proposal does not fall in a cluster as well as in water. He further mentioned that there is no instream mining and gravel mining will be done from dry river bed only. As per the amendment in EIA Notification 2006 on 15.01.2016, committee categorized the above proposal as B2.He informed that proposal is located in Narmada river and gravel 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 gravel 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 setback distance of 15m to 20m 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 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.

RIVER BED SAND MINING PROJECT, DIST: ANAND

Sr. no.	Proposal No.	Project Name	S NO	Address	Hect are	River	Rate of mining	Nearest Habitation	Proposed use
6	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	Construction

Shri Sanket Patel, Mining Supervisor, Dist: Anand represented the above before the committee. During presentation, he informed that lease area is located in Mahi river.

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. 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.

While reviewing the documents, approved mining plan, details regarding formation of cluster for homogeneous minerals within 500 meter radius from the outer periphery of the lease are not submitted. During meeting committee asked asst. geologist to submit approved mining plan, details regarding formation of cluster for homogeneous minerals within 500 meter radius from the outer periphery of the lease area, nearest aerial distance of the human habitation from the lease area and exact location of lease area in Mahi river bed with validation of district geologist stating whether entire lease area is located in dry river bed and instream mining will be carried out ?

Upon submission of the said details duly validated by the geologist, committee unanimously decided to take up the proposal No: SIA/GJ/MIN/52240/2016 for further consideration in one of the upcoming SEAC meeting.

CHALK MINING PROJECT, DIST: PORBANDAR

Sr. no.	Proposal No.	Project Name	S NO	Address	Hect are	Rate of mining	Nearest Habitation	Proposed use
7	SIA/GJ/MIN/53169/2016	Chalk Mines Virpur-Shree Ashok H. Thanki	7/P and 9/P	Vill: Virpur, Ta:Ranavav, Dist:Porbandar	18.3 040 Ha Existing (Govt. waste land)	2350 MTPA	Virpur: 1 km	Filler in rubber, paints and ingredient in putty

Shri Ashok Thanki, Project proponent represented the above before the committee. Project proponent has submitted approved mining plan. He informed the committee that mining will be a shallow and not obstructing surface run off and there will be no diversion of surface run off. There will be no creation of waste dump in present mining. Stone after levigation will be back filled in mined out pits and levelled. Chalk will be excavated manually by pick axes and JCB excavators. As there is negligible soil cover, soil contamination will not be there. The overburden i.e. topsoil, generated will be used to back fill mined out pit. The open voids will be properly barricaded to prevent casualty. Waste will be temporary stored near to levigation site and after completion of operation, the reject or waste will be dumped into mined out area. All the trucks will be covered to prevent fugitive emission. Regular water sprinkling on haulage roads will be carried out during transportation of material by water sprinklers. Water requirement of 10.0 KLD for the proposed project activity will be met by water tankers supply from nearby village source. Tube well outside the lease area will provide the water for drinking purposes. Accumulated rainwater in mined out pits will be used for sprinkling on haul roads for dust suppression and mineral levigation. There will be no intersection of ground water table as mining depth is maintained above water table. The fencing will be provided surrounding to the mined out pits to prevent casualty.

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

1. Details of production (yearwise) since 2012.
2. Details of formation of cluster of homogenous mineral as per the amendment is EIA Notification 2006 on 15/01/2016 with reference to the proposed lease duly validated by the district geologist.

Upon submission of the said details duly validated by the geologist, committee unanimously decided to take up the proposal No: SIA/GJ/MIN/SIA/GJ/MIN/53169/2016 for further consideration in one of the upcoming SEAC meeting.

RIVER BED SAND MINING PROJECT, DIST: ANAND

Sr. no.	Proposal No.	Project Name	S NO	Address	Hect are	River	Rate of mining	Neares t Habitation	Proposa l use
8	SIA/GJ/MIN/52239/2016	AJAYSIN H KANUSI NH VAGHEL A	Block B in front of S NO:282 in mahi river bed	Vill:Khorwad Ta:Umreth Dist:Anand	5.07 30 Ha New	Mahi	78,834 MTPA	Pratap pura:0.94 km	Constru ction

Shri Sanket Patel, Mining Supervisor, Dist: Anand represented the above before the committee. During presentation, he informed that lease area is located in Mahi river.

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. 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.

While reviewing the documents, approved mining plan, details regarding formation of cluster for homogeneous minerals within 500 meter radius from the outer periphery of the lease are not submitted. During meeting committee asked asst. geologist to submit approved mining plan, details regarding formation of cluster for homogeneous minerals within 500 meter radius from the outer periphery of the lease area, nearest aerial distance of the human habitation from the lease area and exact location of lease area in Mahi river bed with validation of district geologist stating whether entire lease area is located in dry river bed and will instream mining be carried out? Upon submission of the said details duly validated by the geologist, committee unanimously decided to take up the proposal No: SIA/GJ/MIN/52239/2016 for further consideration in one of the upcoming SEAC meeting.

Sr.No.	Proposal No.	Project Name	District	Hectare
9	SIA/GJ/MIN/53029/2016	NEW INDIA MINERAL INDUSTRIES	Surat	6-5154

Shri D.K.Patel, Geologist, Dist: Surat informed committee that presentation for the above proposal is not ready and requested committee to defer the proposal to one of the upcoming SEAC meeting. Committee asked geologist to come prepared for presentation so as to expedite processing of environmental clearance application. After deliberation, committee decided to defer the proposal in one of the upcoming SEAC meeting for further consideration

Sr.No.	Proposal No.	Project Name	District	Hectare
10	SIA/GJ/MIN/52393/2016	UNIFIC ENTERPRISE	Sabarkantha	16-53-00

Asst. Geologist, Dist: Sabarkantha / Project proponent with RQP remained absent for the above proposal. After deliberation, committee decided to defer the proposal in one of the upcoming SEAC meeting for further consideration

SAND MINING GANDHINAGAR

Sr. no.	Proposal No.	Project Name	S N O	Vill, Tal uka	District	Hect are	Rate of mining	Name of River	Nearest Habitation	Proposal use
11	SIA/GJ/MIN /2718/2015	Shree Sabarmati Majur Kamdar Sahkari Mandali Ltd.	64	Rajpur	Gandhinagar	09-99-00 (New)	2500 Mt/M	Sabarmati	Rajpur 0.5 KM	Construction

To represent above proposal, Asst. Geologist, Dist: Gandhinagar / Project proponent with RQP remained absent. The above proposal was also scheduled in the SEAC meeting held on 05/01/2016 wherein PP along with RQP / Geologist remained absent. After deliberation, committee decided to defer the above proposal in one of the upcoming SEAC meeting for further consideration.

MAJOR MINERAL PROPOSALS

APPRAISAL CASES

1. Imperial Mining Syndicate, (13.57.00 Ha),S.No.80P, Navadra, Kalyanpur, Devbhumi Dwarka. (7 July 2015)

During SEAC meeting held on 07/07/2015, the project proponent was invited for presentation. During presentation, it was informed that the mine lease area is 13.57 Ha and proposed rate of mining is 22,312 TPA. Mining process include manual open cast mining. No blasting/drilling is involved 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 introduction, site location, google image of site & surrounding, site photographs, details of lease, land use of lease area, reserve, production & life of mine with no blasting, quantity of OB & waste, year wise backfilling and plantation, mining method, water requirement, important features in surrounding to the mine, mining process, Mitigation measures to curb impact on Air, Water, Noise and Flora Fauna, Socio-Economic Environment etc. After detailed deliberation, considering the scale of project, it was categorized as B2 and additional information was sought for appraisal of the project.

On 29/04/2016, additional information was submitted by the PP and are as below:

The nearest Village is Navadra & distance from periphery is 1.16 Km. Nearest Water Body is satapar Water Reservoir & distance from periphery is 6.99 km. Nearest National Highway is S.H.:6 & distance from periphery is 0.66 Km. Nearest State Highway is N.H.-:8 E & distance from periphery is 0.66 Km. Nearest Railway Line is Bhatiya Railway Station & distance from the periphery is 15.07 Km. There is no Heritage site near the periphery within the 10.00 Km radial Area. There is Gaga National park/Wild Life Sanctuary/Reserve Forest/Protected Forest near the periphery within the 21.96 Km radial Area. No surface water source such as rivers, streams & dam exists in the mining lease area in buffer zone seasonal water run-off from nallahs which carry only during the rainy period. Upper layer of the mine not so hard, proponent is removing this layer with the help of hammer and excavation machine. There is no blasting involved in the proposed mining. It is not possible to backfilled entire mined out land up to original ground level. As Volume of voids is much more than material available for backfilling, therefore up to lease period, the west part of the lease area will be backfilled. The water available in the well nearer to the mining lease is suitable for drinking. There is no perennial river or other water bodies and there is no scope of river getting polluted from the proposed mining activity. Water conservation measures are the first-line option for the control and

management of subsurface drainage water. Conservation measures involve reducing the amount of drainage water and they include source reduction through sound irrigation water management; shallow water table management; groundwater management; and land retirement. These measures affect other options such as the reuse and disposal of drainage water. In general, conservation measures consist of measures that aim to reduce the quantity of drainage effluent and measures that aim to reduce the mass emission of constituents into receiving water. Water quality impacts to water users (agriculture, fisheries, etc.) are reflected in terms of concentration but the control of drainage from irrigated lands is in terms of water volume and mass discharge of constituents. Temporary rest shelter for labor will be constructed at mine site. A water tank (capacity of 500 litre) for storing drinking water is used by workers. Haul road is well maintained and water sprinkling carried out time to time to maintain the road condition. As per the mining plan, the working depth is 4.5 m and will be maintained. As per the approved mining plan availability of mineral is of 06.00 m. depth max. As per the secondary data ground water level is below 10.00 m. So mining activity will not intersect the ground water table. In the area surrounding the lease area there are no forest worth the name. No Trees are seen either within the lease or outside the lease. Lease area is completely barren of trees. The Only vegetation seen in parts of the lease is completely barren of trees. The only type of wild life seen in the area is rabbits, fox, and varieties of lizards, mongoose and snakes. During manual operation, there is possibility of pollution of dust which can effect on health of labors. To control the dust pollution proponent usually and regularly spray water to suppress dust pollutants in the working area. Developed greenbelt also works as mitigation measures to suppress dust in working area. It is compulsory to use protection mask during working hours. Proponent is using "use and throw" mask during working period. PP shall conduct Health check-up in interval of every three months.

While reviewing the Form I, details of production for the year 2006-07, 2007-08, 2008-09, 2009-10 and 2010-11 is submitted. Committee noticed that production of Bauxite is taken without obtaining environmental clearance and 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.

2. Imperial Mining Syndicate (03.09.00 Ha), S.No.506/P Govt. Kenedy, Kalyanpur, Devbhumi Dwatka(07 July 2015)

During SEAC meeting held on 07/07/2015, the project proponent was invited for presentation. During presentation, it was informed that the mine lease area is 03.09.00 Ha and proposed rate of mining is 21,150 MTPA. There is no requirement of drilling and blasting and removal of hard layer will be done through excavator and hammer machines. 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 held on 07/07/2015, technical presentation of the project was made before the committee that included introduction & background of the company, site location, google images of site & surrounding, site photographs, details of lease, land use of lease area, reserve, expected life of mine, employment details, production with no blasting, mining method, water requirement, important features in surrounding to the mine, Environment management plan etc. After detailed deliberation, considering the scale of project, it was categorized as B2 and additional information was sought for appraisal of the project.

On 29/04/2016, PP submitted additional information and detail is as under.

The nearest Village is KENEDY & distance from periphery is 1.73 km. Nearest Water Body is Mewasa water reservoir & distance from periphery is 17.40 Km. Nearest National Highway is S.H.-:29 & distance from periphery is 4.27 Km. Nearest State Highway is N.H.-:947 & distance from periphery is 12.65 Km. Nearest Railway Line is Bhatiya Railway Station & distance from the periphery is 5.57 Km. There is no Heritage site near the periphery within the 10.00 Km radial Area. There is Gaga National park/Wild Life Sanctuary/Reserve Forest/Protected Forest near the periphery within the 18.19 Km radial Area. No surface water source such as rivers , streams & dam exists in the mining lease area in buffer zone seasonal water run-off from nallahs which carry only during the rainy period. Upper layer of the mine not so hard , proponent is removing this layer with the help of hammer and excavation machine. There is no blasting involved in the proposed mining. It is not possible to backfilled entire mined out land up to original ground level. As Volume of voids is much more than material available for backfilling, therefore up to lease period, the west part of the lease area will be backfilled. The water available in the well nearer to the mining lease is suitable for drinking. There is no perennial river or other water bodies and there is no scope of river getting polluted from the proposed mining activity. Water conservation measures are the first-line option for the control and management of subsurface drainage water. Conservation measures involve reducing the amount of drainage water and they include source reduction through sound irrigation water management; shallow water table management; groundwater management; and land retirement. These measures affect other options such as the reuse and disposal of drainage water. In general, conservation measures consist of measures that aim to reduce the quantity of drainage effluent and measures that aim to reduce the mass emission of constituents into receiving water. Water quality impacts to water users (agriculture, fisheries, etc.) are reflected in terms of concentration but the control of drainage from irrigated lands is in terms of water volume and mass discharge of constituents. Temporary rest shelter for labor will be constructed at mine site. A water tank (capacity of 500 litre) for storing drinking water is used by workers. Haul road is well maintained and water sprinkling carried out time to time to maintain the road condition. As per the mining plan, the working depth is 4.5 m and will be maintained. As per the approved mining plan availability of mineral is of 06.00 m. depth max. As per the secondary data ground water level is

below 10.00 m. So mining activity will not intersect the ground water table. In the area surrounding the lease area there are no forest worth the name. No Trees are seen either within the lease or outside the lease. Lease area is completely barren of trees. The Only vegetation seen in parts of the lease is completely barren of trees. The only type of wild life seen in the area is rabbits, fox, and varieties of lizards, mongoose and snakes. During manual operation, there is possibility of pollution of dust which can effect on health of labors. To control the dust pollution proponent usually and regularly spray water to suppress dust pollutants in the working area. Developed greenbelt also works as mitigation measures to suppress dust in working area. It is compulsory to use protection mask during working hours. Proponent is using "use and throw" mask during working period. PP shall conduct Health check-up in interval of every three months.

While reviewing the prefeasibility report, details of production for the year 2011-12,2012-13,2013-14 and 2014-15 and 2015-16 is submitted. Committee noticed that production of Bauxite is taken without obtaining environmental clearance and 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. Tushar Minerals Industries (04-36-05 Ha), S NO: 154/P,156,157/P, Village:Mevasa, Ta:Kalyanpur,Dist:Devbhumi Dwarka.(14/07/2015)

During SEAC meeting held on 14/07/2015,the project proponent was invited for presentation. During presentation, it was informed that the mine lease area is 04-36-05 Ha and proposed rate of mining is 13,680 TPA. Mining process include manual open cast mining. No blasting/drilling is involved. 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 held on 14/07/2015, technical presentation was made before the SEAC. It included introduction, site location, google image of site & surrounding, transportation route, villages from the periphery of lease, distance of water reservoir, wild life sanctuary, national highway, Air port, Arabian Sea from lease area, mining details, requirement of water, method of mining, possible impact on air,water and Noise and mitigation measures, details of green belt development site photographs and details of CSR activities etc. After detailed deliberation, considering the scale of project, it was categorized as B2 and additional information was sought for appraisal of the project.

On 29/04/2016, additional information was submitted by the PP and are as below:

The nearest Village is Mewasa & distance from periphery is 2.09 km.Nearest Water Body is Mewasa Water Reservoir & distance from periphery is 2.52 km. Nearest state Highway is S.H.:6 & distance from periphery is 4.73 Km. Nearest national

Highway is N.H.-:947 & distance from periphery is 4.73 Km. Nearest Railway Line is Bhopalka Railway Station & distance from the periphery is 10.84 Km. There is no Heritage site near the periphery within the 10.00 Km radial Area. There is Gaga National park/Wild Life Sanctuary/Reserve Forest/Protected Forest near the periphery within the 18.98 km radial Area. No surface water source such as rivers, streams & dam exists in the mining lease area in buffer zone seasonal water run-off from nallahs which carry only during the rainy period. Upper layer of the mine not so hard, proponent is removing this layer with the help of hammer and excavation machine. There is no blasting involved in the proposed mining. It is not possible to backfilled entire mined out land up to original ground level. As Volume of voids is much more than material available for backfilling, therefore up to lease period, the west part of the lease area will be backfilled. The water available in the well nearer to the mining lease is suitable for drinking. There is no perennial river or other water bodies and there is no scope of river getting polluted from the proposed mining activity. Water conservation measures are the first-line option for the control and management of subsurface drainage water. Conservation measures involve reducing the amount of drainage water and they include source reduction through sound irrigation water management; shallow water table management; groundwater management; and land retirement. These measures affect other options such as the reuse and disposal of drainage water. In general, conservation measures consist of measures that aim to reduce the quantity of drainage effluent and measures that aim to reduce the mass emission of constituents into receiving water. Water quality impacts to water users (agriculture, fisheries, etc.) are reflected in terms of concentration but the control of drainage from irrigated lands is in terms of water volume and mass discharge of constituents. Temporary rest shelter for labor will be constructed at mine site. A water tank (capacity of 500 ltr) for storing drinking water is used by workers. Haul road is well maintained and water sprinkling carried out time to time to maintain the road condition. As per the mining plan, the working depth is 4.5 m and will be maintained. As per the approved mining plan availability of mineral is of 06.00 m. depth max. As per the secondary data ground water level is below 10.00 m. So mining activity will not intersect the ground water table. In the area surrounding the lease area there are no forest worth the name. No Trees are seen either within the lease or outside the lease. Lease area is completely barren of trees. The Only vegetation seen in parts of the lease is completely barren of trees. The only type of wild life seen in the area is rabbits, fox, and varieties of lizards, mongoose and snakes. During manual operation, there is possibility of pollution of dust which can effect on health of labors. To control the dust pollution proponent usually and regularly spray water to suppress dust pollutants in the working area. Developed greenbelt also works as mitigation measures to suppress dust in working area. It is compulsory to use protection mask during working hours. Proponent is using "use and throw" mask during working period. PP shall conduct Health check-up in interval of every three months.

While reviewing the Prefeasibility report, details of production for the year 2011-12, 2012-13, 2013-14, 2014-15 and 2015-16 is submitted. Committee noticed that production of Bauxite is taken without obtaining environmental clearance and 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. Tushar Minerals Industries (01-00-00 Ha), S NO: 341 Paiki, Village: Mevasa, Ta:Kalyanpur,Dist:Devbhumi Dwarka. .(14/07/2015)

During SEAC meeting held on 14/07/2015, the project proponent was invited for presentation. During presentation, it was informed that the mine lease area is 01-00-00 Ha and proposed rate of mining is 5600 TPA. Mining process include manual open cast mining. No blasting/drilling is involved. 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 introduction, site location, google image of site & surrounding, transportation route, villages from the periphery of lease, distance of water reservoir, wild life sanctuary, national highway, air port Arabian Sea from lease area, mining details, requirement of water, method of mining, possible impact on air, water and Noise and mitigation measures, details of green belt development site photographs and details of CSR activities etc. After detailed deliberation, considering the scale of project, it was categorized as B2 and additional information was sought for appraisal of the project. On 29/04/2016, additional information was submitted by the PP and are as below:

The nearest Village is Mewasa & distance from periphery is 2.59 km. Nearest Water Body is Mewasa Water Reservoir & distance from periphery is 2.06 km. Nearest state Highway is S.H.:6 & distance from periphery is 3.31 Km. Nearest national Highway is N.H.:947 & distance from periphery is 3.31 Km. Nearest Railway Line is Bhopalka Railway Station & distance from the periphery is 10.32 Km. There is no Heritage site near the periphery within the 10.00 Km radial Area. There is Gaga National park/Wild Life Sanctuary/Reserve Forest/Protected Forest near the periphery within the 17.57 radial Area. No surface water source such as rivers, streams & dam exists in the mining lease area in buffer zone seasonal water run-off from nallahs which carry only during the rainy period. Upper layer of the mine not so hard, proponent is removing this layer with the help of hammer and excavation machine. There is no blasting involved in the proposed mining. It is not possible to backfilled entire mined out land up to original ground level. As Volume of voids is much more than material available for backfilling, therefore up to lease period, the west part of the lease area will be backfilled. The water available in the well nearer to the mining lease is suitable for drinking. There is no perennial river or other water bodies and there is no scope of river getting polluted from the proposed mining

activity. Water conservation measures are the first-line option for the control and management of subsurface drainage water. Conservation measures involve reducing the amount of drainage water and they include source reduction through sound irrigation water management; shallow water table management; groundwater management; and land retirement. These measures affect other options such as the reuse and disposal of drainage water. In general, conservation measures consist of measures that aim to reduce the quantity of drainage effluent and measures that aim to reduce the mass emission of constituents into receiving water. Water quality impacts to water users (agriculture, fisheries, etc.) are reflected in terms of concentration but the control of drainage from irrigated lands is in terms of water volume and mass discharge of constituents. Temporary rest shelter for labor will be constructed at mine site. A water tank (capacity of 500 ltr) for storing drinking water is used by workers. Haul road is well maintained and water sprinkling carried out time to time to maintain the road condition. As per the mining plan, the working depth is 4.5 m and will be maintained. As per the approved mining plan availability of mineral is of 06.00 mt. depth max. As per the secondary data ground water level is below 10.00 m. So mining activity will not intersect the ground water table. In the area surrounding the lease area there are no forest worth the name. No Trees are seen either within the lease or outside the lease. Lease area is completely barren of trees. The Only vegetation seen in parts of the lease is completely barren of trees. The only type of wild life seen in the area is rabbits, fox, and varieties of lizards, mongoose and snakes. During manual operation, there is possibility of pollution of dust which can effect on health of labors. To control the dust pollution proponent usually and regularly spray water to suppress dust pollutants in the working area. Developed greenbelt also works as mitigation measures to suppress dust in working area. It is compulsory to use protection mask during working hours. Proponent is using "use and throw" mask during working period. PP shall conduct Health check-up in interval of every three months.

While reviewing the Prefeasibility report, details of production for the year 2011-12, 2012-13, 2013-14, 2014-15 and 2015-16 is submitted. Committee noticed that production of Bauxite is taken without obtaining environmental clearance and 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. M/S Harsiddhi Enterprises, (Area: 03.20.00 Ha), S NO: 141 Paiki, Village: Mewasa, Ta: Kalyanpur, Dist: Devbhumi Dwarka, Gujarat. (22/09/2015)

During SEAC meeting held on 22/09/2015, the project proponent was invited for presentation. During presentation, it was informed that it is a **Bauxite Mining** project

(Area: 03.20.00 Ha). As per Form 1, Proposed rate of mining is **37,775 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 technical presentation of the project included project proposals details, mine lease location and distance of major entities in surrounding to the project, image of 1.00 km and 5.00 km core zone from the project, nearest residential area (Mewasa village) located at 1.86 km, details of distance of various infrastructure from the periphery of the lease, details of mining (through excavator and hammer machine), water requirements, method of mining, Environment Management Plan and CSR activities proposed for this project. After detailed deliberation, considering the scale of project, it was categorized as B2 and additional information was sought for appraisal of the project.

On 29/04/2016, PP submitted additional information sought and detail is as under:

The nearest village is Mewasa & distance from periphery is 1.86 Km, nearest water body is Mewasa Water Reservoir & distance from periphery is 3.64 Km, Nearest State Highway is S.H.:6 distance from periphery is 6.82 Km. Nearest National Highway is N.H.:947 & distance from periphery is 6.82 Km. Nearest Railway Line is Bhopalka Railway Station & distance from the periphery is 12.87 Km. There is no Heritage site near the periphery within the 10.00 Km radial Area. There is Gaga National park/wildlife Sanctuary / Reserve Forest/Protected Forest near the periphery within the 18.48 Km radial Area. No surface water source such as rivers, streams & dam exists in the mining lease area in buffer zone seasonal water run-off from nallahs which carry only during the rainy period. Upper layer of the mine is not so hard, proponent is removing this layer with the help of hammer and excavation machine. No blasting is proposed in the mining. Staff working in a potentially hazardous environment will be provided appropriate personal protective equipment such as respirators. Instruction will be issued to employees for proper use of the safety equipment. There is regular water spraying on transportation route to suppress dust. It is not possible to backfill entire mined out land up to original ground level. As Volume of voids is much more than material available for backfilling. Therefore up to lease period the west part of the lease area will be backfilled as per the Conceptual plan. The water available in the well nearer to the mining lease which is suitable for drinking. For surface water, there is no perennial river or other water bodies getting polluted due to proposed mining activity.

Water conservation measures involve reducing the amount of drainage water and it includes source reduction through sound irrigation water management; shallow water table management; groundwater management; and land retirement. These measures affect other options such as the reuse and disposal of drainage water. Water quality impacts to water users (agriculture, fisheries, etc.) are reflected in terms of concentration but the control of drainage from irrigated lands is in terms of water volume and mass discharge of constituents. A Temporary rest shelter for labour constructed at mine site. A water tank (capacity of 500 litre) for storing

drinking water is used by workers. Haul road is well maintained and water sprinkling carried out time to time to maintain the road condition. As per the mining plan the working depth is 4.5 m and will be maintained. As per the approved mining plan availability of mineral is of 06.00 m. depth max. As per the secondary data ground water level is below 10.00 m. So mining activity will not intersect the ground water table. In the area surrounding the lease periphery there are no forest worth the name. No Trees are seen either within the lease or outside the lease. The mounds and small hillocks the lease are is completely barren of trees. The Only vegetation seen in parts of the lease are is completely barren of trees. The only type of wild life seen in the area is rabbits, rats, and varieties of lizards, mongoose and snakes. During manual operation there is possibility of pollution of dust which can effect on health of labours. To control the dust pollution proponent usually and regularly spray water to suppress dust pollutants in the working area. Developed greenbelt also works as mitigation measures to suppress dust in working area. It is compulsory to use protection mask during working hours. Proponent is using use and through mask during working period which works very well. We conduct Health check-up in interval of every three months. For the initial medical examination of every person employed in the mine, within a period of 3 month of the date so notified and the said examination shall be so arranged over a period of 3 month that one-fifth of the persons employed at the mine undergo the examination every year. A temporary rest shelter for labor constructed at mine site. A water tank (capacity of 500 liter) for storing drinking water is used by workers. Haul road is well maintained and water sprinkling carried out time to time maintain the road condition. Temporary rest shelter is proposed to be changed and a permanent building will be constructed in near future, presently available infrastructure is well maintained to support the current need to transport, shelter for workers etc. Proponent is doing CSR activities like construction of water tank in water scarcity villages near around the lease area. Proponent have arranged for ambulance, educational help to poor students. Proponent makes provision to expense 05.00% of gross income for CSR activities.

While reviewing the approved mining plan, details of production for the year 2010-11,2011-12,2012-13,2013-14 and 2014-15 is submitted. Committee noticed that production is taken without obtaining environmental clearance and 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.

6. Rajnikant D.Trivedi (Lease area: 12.3530 Ha), Village:Hasnavadar, Ta:VeravalDist:Girsomnath.

Sr. no.	Proposal No.	Project Name	S NO	Vill,Taluka	Hectare	Rate of mining	Nearest Habitation
6	SIA/GJ/MIN /34482/2015	RAJNIKANT D. TRIVEDI	5 P	Hasnavadar/ Veraval	12-35-30 New	50,000 MTPA	Hasnavadar 0.670 km

The above proposal was considered in the SEAC meeting held on 09/03/2016. The technical presentation of the project included introduction, location details, environmental setting, details of mineral reserve, water requirement, method of mining, details of employment, green belt development, proposed expenditure for environmental pollution control etc. Considering scale of project, it was categorized as B2 and additional information was sought. Project proponent submitted the said information on 19/04/2016. Proposal was considered in SEAC meeting held on 30/04/2016. During meeting, committee noticed that PP does not have submitted approved mining plan, details of production for the last five years and also during SEAC meeting, project proponent remained absent and proposal was deferred.

During meeting, committee noticed that submission was devoid of copy of approved mining plan, details of production. Further information regarding formation of cluster, undertaking for not carrying out blasting was also not submitted by the PP. Hence reply submitted by the PP was not found satisfactory. Committee asked project proponent to resubmit the details sought during SEAC meeting held on 09/03/2016 including following details.

1. Details of production since 2006 and current operational status of mining.
2. Details of cluster with reference to the lease area as per the amended EIA Notification 2006 on 15/01/2016.

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

Sr.No.	Proposal No.	Project Name	District	Hectare
7	SIA/GJ/MIN/11533/2014	SANDEEP ABRASIVE INDUSTRIES	Devbhumi Dwarka	29-7749 Major App.

On May 30, 2016, PP sent an email to defer their proposal as their consultant is not available on the scheduled date. During SEAC meeting, PP remained absent. Committee unanimously decided to defer the proposal in one of the upcoming SEAC meeting for further consideration.

PROPOSALS FOR FIRST HEARING

- 1. Vipulkumar Bhikhubhai Gohil,S NO: 445/1/1P,Vill: Doliya,Ta:Sayla,Dist:Surendranagar.**

The project proponent for the above project could not remain present during SEAC meeting held on 27/05/2015 and 01/06/2016 and hence committee decided to close the proposal and delist it from pending EC application list of SEAC.

- 2. Sun Silica Industry,S NO: 83 P,Village: vavdi,Ta:Chotila, Dist: Surendranagar.**

The project proponent for the above project could not remain present during SEAC meeting held on 27/05/2015, 14/07/2015 and 01/06/2016 and hence committee decided to close the proposal and delist it from pending EC application list of SEAC.

- 3. Dari Limestone Mine (Lease Area: 6.4734 Ha), S NO: 523/P,Village: Dari, Ta:Veraval, Dist: Gir Somnath.(Proposal NO: SIA/GJ/MIN/34003/2016)**

The project proponent has applied for their existing limestone mine located at **S NO: 523/P, Village: Dari, Ta:Veraval, Dist: Gir Somnath.**The mine lease area is 06.4734 Ha and proposed rate of mining is 60,000 MTPA.Mining process include manual open cast mining with rock breaker operation to avoid blasting.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 & its surrounding,land use plan, dust suppression measures at site, details of overburden and reject management plan etc.

After detailed deliberation, considering the scale of project, it was categorized as B2 and additional information was sought for appraisal of the project as per Annexure I

- 4. Ajotha Limestone Mine (Lease Area: 2.000 Ha), S NO: 389,Village: Ajotha,Ta:Veraval,Dist:GirSomnath.(ProposalNO:SIA/GJ/MIN/33988/2016).**

The project proponent has applied for their existing limestone mine located at S NO: 389,Village: Ajotha, Ta:Veraval, Dist: Gir Somnath. The mine lease area is 02.0000 Ha and proposed rate of mining is 46,300 MTPA.The proposed mining scheme envisages exploitation of minerals by manual method without deep hole drilling & blasting. 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 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 & its surrounding,land use plan, dust

suppression measures at site, details of overburden and reject management plan etc. After detailed deliberation, considering the scale of project, it was categorized as B2 and additional information was sought for appraisal of the project as per Annexure I

5. Ashokkumar Babulal Sindhav (16.18.00 Ha), S.No.358/3 Bhod, Ranvav, Porbandar.(Proposal NO: SIA/GJ/MIN/11015/2016).

The project proponent has applied for their existing limestone mine located at S.No.358/3,Bhod, Ranvav, Porbandar. The mine lease area is 16.1800 Ha and proposed rate of mining is 1,24,032 MTPA.

Technical presentation is made by the PP that included introduction, details of project proposal, status of mine lease, budgetary allocation, environmental sensitivity, water requirement of the project, Mining detail, Environmental management plan, solid waste management and occupational health and safety etc.

After technical presentation, committee asked PP to submit following details

(1) Details of production taken since 2006.

(2).Current operational status.

6. Ashokkumar Babulal Sindhav (23.88.00 Ha), S.No.207/P,Vill:Aniyari, Ta:Ranvav,Dist: Porbandar.(Proposal NO: SIA/GJ/MIN/11013/2016).

The project proponent has applied for their existing limestone mine located at S.No.207/P,Vill:Aniyari, Ta:Ranvav, Dist: Porbandar.The mine lease area is 23.8800 Ha and proposed rate of mining is 1,76,520 MTPA.

Technical presentation is made by the PP that included introduction, details of project proposal, status of mine lease, budgetary allocation, environmental sensitivity, water requirement of the project, Mining detail, Environmental management plan, solid waste management and occupational health and safety etc.

After technical presentation, committee asked PP to submit following details

(1) Details of production taken since 2006.

(2).Current operational status.

7. Somnath Hydrated Lime and Chemical Industries Pvt. Limited,(15.1352 Ha), S.No.42/1/P,Vill:Kherali,Ta: Veraval,Dist: Gir Somnath.(Proposal NO: SIA/GJ/MIN/48072/2016).

The project proponent has applied for their existing limestone mine located at S.No. 42/1/P, Vill:Kherali, Ta: Veraval, Dist: Gir Somnath.The mine lease area is 15.1352 Ha and proposed rate of mining is 1,88,620 MTPA.

Technical presentation is made by the PP that included introduction, details of project proposal, status of mine lease, budgetary allocation, environmental sensitivity, water requirement of the project, Mining detail, Environmental management plan, solid waste management and occupational health and safety etc.

After technical presentation, committee asked PP to submit additional information as per Annexure I.

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

To represent above project before the committee, project proponent with RQP remained absent during meeting. After deliberation committee unanimously decided to defer the proposal in one of the upcoming SEAC meeting.

Sr.No.	Proposal No.	Project Name	District	Hectare
9	SIA/GJ/MIN/9605/2016	White Clay Mining along with Major Mineral (Bhupendra Kumar Rewa Shankar Gaur)	Kutch	20-00-00

To represent above project before the committee, project proponent with RQP remained absent during meeting. After deliberation committee unanimously decided to defer the proposal in one of the upcoming SEAC meeting.

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

To represent above project before the committee, project proponent with RQP remained absent during meeting. After deliberation committee unanimously decided to defer the proposal in one of the upcoming SEAC meeting.

11. 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 21,000 MTPA.

Technical presentation is 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 technical presentation, committee asked PP to submit additional information as per Annexure I.

Sr.No.	Proposal No.	Project Name	District	Hectare
12	SIA/GJ/MIN/50207/2016	SHREE LALJI VIRAJI PATEL	Jamnagar	04-00-00 Lime Major

To represent above project before the committee, project proponent with RQP remained absent during meeting. After deliberation committee unanimously decided to defer the proposal in one of the upcoming SEAC meeting.

REPLY OF ADDITIONAL INFORMATION SOUGHT DURING VARIOUS SEAC MEETING

1. SAND MINING PROJECT,DIST: CHHOTAUDEPUR

Sr. no	Proposal No.	Project Name	S NO	Vill, Taluka	Hectare	River	Rate of mining	Name of River	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/47961/2016	Umeshbhai K. Odedara Riverbed Sand Mining	164, 239, 376	Baravad, Jetpurpavi	10-00-00 Existing	Orsang	6500 MTPM	10-00-00 Existing	Barvada 1 km	Construction

During SEAC meeting held on 30/04/2016, Shri Mehul Shah, Royalty Inspector, Dist: Chotaudepur represented the above proposal before the committee. He informed proposals, he 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. 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. Minimum setback distance of 15 meter shall be maintained from the river bank to prevent bank erosion. During meeting, committee noticed that proposal is above 5 hectare however approved mining plan and details regarding formation of cluster for homogeneous minerals within 500 meter radius from the outer periphery

of the lease area are not submitted. During meeting committee asked royalty inspector to submit approved mining plan, environment management plan (EMP) and details regarding formation of cluster for homogeneous minerals within 500 meter radius from the outer periphery of the lease area. Upon submission of the said details, committee unanimously decided to take up the above proposal for further consideration in one of the upcoming SEAC meeting.

On 25/05/2016, PP submitted approved aforesaid additional information. Committee referred the details and found it satisfactory. After detailed deliberation and considering the mitigation measures proposed by the lease holder, 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.

2. SAND MINING PROJECTS, DISTRICT :CHHOTAUDAIPUR

Sn o.	Proposal No.	Project Name	S NO	Vill,Taluk a	Nam e of river	Hecta re	Rate of mining	Nearest Habitatio n	Propose d use of mineral
1	SIA/GJ/ MIN/ 3160/ 2015	"Mrs. Savitaben Ramsingh hai Rathva"	Block No.301 to 305 Orsang River	Alhadpur a/ Sankhed a	Orsan g	10-00-00/ Existing	4,20,000 MTPA	Alhadpur a 520 m.	Constru ction
2	SIA/GJ/ MIN/ 2875/ 2015	Shri Budhabhai Balabhai Meghani	B NO: 314,315,316,1, 2,3 lagu	Alhadpur a, /Sankhed a	Orsan g	10-00-00/ Existing	4,20,000 MTPA	Alhadpur a 580 m.	Constru ction

During SEAC meeting held on 19/01/2016,Shri D.M.Patel informed committee that said proposals are located in Orsang river bed. He informed committee that 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 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.

During meeting, committee noticed that lease area of the above proposal are above 5 hectare however approved mining plan, environment management plan (EMP) and details regarding formation of cluster for homogeneous minerals within 500 meter radius from the outer periphery of the lease area are not submitted. During meeting committee asked asst. geologist to submit approved mining plan, environment management plan (EMP) and details regarding formation of cluster for homogeneous

minerals within 500 meter radius from the outer periphery of the lease area. Upon submission of the said details, committee unanimously decided to take up the above proposals in one of the upcoming SEAC meeting for further consideration.

PP submitted Mining plan and EMP on 25/04/2016 and letter of district geologist mentioning above proposals are not falling under cluster on 11/05/2016. Committee referred the details and found it satisfactory. After detailed deliberation and considering the mitigation measures proposed by the lease holders, Committee unanimously decided to recommend the above proposals 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.

3. Gopal Glass Works Ltd.,(Lease area: 9.71 Ha), S NO: 1644(P), Village: IloI, Ta:Himatnagar, Dist: Sabarkantha.

During SEAC meeting held on 30/04/2016, the above proposal was appraised.After presentation, committee found that details of production from the year 2006, current status of mine lease in terms of its renewal could not be produced and hence decided to ask PP to submit following information.

- (i) Status of operation of mining up to the year 2016 since 2006 with year wise production detail.
- (ii) Current lease renewal status from department of Industries and Mine, Government and Gujarat.

On 30/05/2016, PP submitted reply. Committee noticed that PP has taken production during year 2008-2009 to 2014-2015.During year 2015-16 production stopped for renewal of lease and requirement of EC. PP further mentioned that they have already approached mine department, Government of Gujarat for status of renewal of mining lease and informed that same is awaited.

Referring to the reply submitted by the project proponent, committee noticed that PP has taken production for the years 2008-2009 to 2014-2015 without obtaining prior 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 environmental clearance. 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.

EC AMENDMENT PROPOSALS

(1) Basalt Stone Mining Project, Dist.: Amreli

Sr No.	Name of applicant	Lease Area and type	Survey No:	Village	Taluka	Dist:	Rate of mining
1	Shakti Quarry Works(Ashokbhai Kanjibhai Parmar)	01-00-00	134	Narangadh	Lathi	Amreli	8,000 MTPM

Environmental Clearance for the above proposal was issued on 30/03/2015 vide letter No. SEIAA/GUJ/EC/1(a)/1121/2015. Project proponent has submitted an application on 23/05/2016 for correction of survey number 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 " 16" whereas in EC, it is mentioned as "134".

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 order issued on 30/03/2015 vide letter No. SEIAA/GUJ/EC/1(a)/1121/2015 for correction in survey number as "16" and shall be read as below to SEIAA.

Sr No.	Name of applicant	Lease Area and type	Survey No:	Village	Taluka	Dist:	Rate of mining
1	Shakti Quarry Works(Ashokbhai Kanjibhai Parmar)	01-00-00	16	Naranghad	Lathi	Amreli	8,000 MTPM

REFER BACK PROPOSAL:

Sr. No	Name of Applicant	Lease Area in Hectare	Location Address	Village	Taluka	Human Habitation	Rate of Mining	Proposed Use
1	Shri Jayantibhai Durlabhbhai Patel (Jalaram Stone Quarry)	09-00-00 Existing	S.No.120	Khanjroli	Mandvi	Khanjroli 1 km	75000 TPA	Construction

The aforementioned proposal was scheduled for appraisal in SEAC meeting held on 30/04/2016. The proposal is black trap mining from the Tapi river bed. PP submitted a study report which was sought by the SEAC in previous meeting. According to the report, mining activity will not have an impact on existing Tapi river physical characteristics like river stability, river morphology and there is no risk of flooding of

river water except monsoon due to release of water from upstream dam. Further, it is reported that lease areas have been reported with common floral and faunal species and does not possess critical or important habitat structure which supports and important/threatened species of flora and fauna accordingly there is no threat of loss of habitat and decline in biodiversity. Proposed mine working is semi mechanized open cast method with controlled blasting under supervision. Water sprinkling is proposed to curb fugitive emission. Ground vibration due to movement of vehicles, drilling will be less and will not have adverse impact in and around the surrounding areas and workers health. No mining activity is proposed during monsoon season.

The proposal was recommended to SEIAA for grant of Environmental clearance vide letter No: EIA-10-2016-M-6823/1204 dated 16/05/2016. During meeting of SEIAA held on 20/05/2016, proposal for grant of EC was referred back to SEAC vide letter No: SEIAA/GUJ/EC/1(a)/355/2016 dated 27 May 2016 **to verify the aspects and existing provisions for mining of minor minerals in river bed.**

The proposal was considered in the SEAC meeting held on 01/06/2016. Considering the content of letter No: SEIAA/GUJ/EC/1(a)/355/2016 dated 27 May 2016, committee was informed that, Dr. R.B. Lal, Joint Director, MOEF&CC, New Delhi was telephonically contacted to advise regarding carrying out of mining of black trap in river bed and its associated prohibition if any. During discussion, he advised that there is no restriction for mining of black trap from river bed however all mitigation measures shall be considered to prevent environmental pollution. However, he further informed that instream mining is not allowed as per the OM of MOEF dated 24/12/2013.

As per the mining plan, mine drainage chapter entails quality of water will not be affected as mineral does not contain any toxic element. During rain, water will be pumped out by incorporating a pump of 5 HP with no toxic element and it will be utilized in agriculture purpose and therefore there will be no effect in surrounding land. Regarding safety aspect, as per mine plan total excavated area will be cordoned off by barbed wire fencing to prevent inadequate entry of human or cattle. The excavated area will be properly lighted during night time. Before commencement of mining operation, area will be thoroughly inspected/ checked by the personnel deputed at mine.

After detailed deliberation, committee unanimously decided to recommend the aforementioned proposal for grant of Environmental clearance to SEIAA in absence of any restriction of black trap mining in river bed with compliance of all the conditions mentioned in previous recommendation letter No: EIA-10-2016-M-6823/1204 dated 16/05/2016.

CARBONACEOUS SHALE MINING PROJECTS,DIST:SURENDRANAGAR

1	Proposal No	SIA/GJ/MIN/559/2015	State	Gujarat	WINSOME TEXTILE INDUSTRIES LTD	2.02.34 New	30/1p	5000 TPA	Ravrani 1.6km
	File No	SIA/GJ/4508/2015	District	Surendranagar					
	Proposal Name	Vahabhai Rambhai Bharvad	Tehsil	Chotila					

The aforementioned proposal was scheduled in the SEAC meeting held on 13/10/2015 and district geologist could not submit the hard copy of the proposal and hence it was decided by the committee to reconsider the above proposal in one of the upcoming SEAC meeting after receipt of signed copies of Environmental Clearance application for appraisal. The hard copy of the said application could not be submitted by the project proponent/ district geologist till 19/01/2016. On 15/01/2016, MoEF&CC issued amendment in EIA Notification 2006 delegating powers for grant of environmental clearance for mining projects having lease area upto five hectare to the district level environment impact assessment authority and accordingly all the pending proposals of minor minerals having lease area up to five hectare have been forwarded to the Commissioner, geology and Mining department including aforementioned proposal for further processing on 09/02/2016.

On 17/05/2016, Honourable High Court of Gujarat has issued an order for disposal of the aforesaid proposal. Committee deliberated that the said proposal has already been forwarded to the Commissioner, Geology and mining on 09/02/2016 after amendment in EIA Notification 2006 for further necessary action and hence already disposed the proposal from the pending list of EC at the SEAC end.

Shri Akolkar, Geologist, Dist:Surendranagar was telephonically contacted and he informed that aforesaid proposal is considered in the DEAC meeting held on 25/05/2016. He sent an email on 7/06/2016 to seacgujarat@gmail.com with agenda which includes the above proposal.

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, lease renewal status from department of Industries and Mine, Government and 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. Current operational status of the mine.
4. Land use plan of the mine lease area should be prepared to encompass pre-operational, operational and post operational phases.
5. 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.
6. 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.
7. Technical justification for no requirement of blasting. Notarized undertaking stating that no blasting shall be carried out for entire period of mining.
8. Impact due to fugitive emissions including that because of transportation activities and the mitigation measures thereof need to be elaborated.
9. Dust suppression measures & control measures at worker level & proposed PPE to workers.
10. Detailed overburden and mine rejects management plan.
11. 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.
12. Details on back filling system of the exhausted mine. Details on compaction of back filling layer.

13. The reclamation plan, post mine land use and progressive green belt development plan along with year wise financial outlay shall be included.
14. 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.
15. Details of the water conservation measures proposed to be adopted in the project should be highlighted.
16. 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.
17. Check list of flora and fauna in the study area and impacts of the project on the same along with mitigation measures.
18. 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.
19. Plan for periodic medical examination of the mine workers.
20. Details of the basic amenities, infrastructure facilities, PPEs etc. to be provided to the mine workers.
21. 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.
22. 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.
23. 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.
24. Details of fencing, tree plantation done in the existing mined area.
25. Any litigation pending against the project and / or any direction / order passed by any Court of Law against the project, if so, details thereof.
26. (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.

27. 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.
28. 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.

The meeting was concluded with thanks to the chair.

1. Shri T.P. Singh, Chairman, SEAC.
2. Shri V.C.Soni,Vice Chairman, SEAC
3. Shri V. N. Patel, Member, SEAC
4. Shri R.I.Shah, Member, SEAC.
5. Shri R.J.Shah, Member, SEAC