

**MINUTES OF THE 272<sup>nd</sup> MEETING OF THE STATE LEVEL EXPERT APPRAISAL COMMITTEE HELD ON 05/01/2016 AT COMMITTEE ROOM, GUJARAT POLLUTION CONTROL BOARD, GANDHINAGAR.**

The 272<sup>nd</sup> meeting of the State Level Expert Appraisal Committee (SEAC) was held on 05<sup>th</sup> January 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. Dr. V.K.Jain, Member, SEAC

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

1. Shi M.K.Dave, Asst. Geologist, Dist: Panchmahal, Dahod
2. Shri H.P.Sandra, Royalty Inspector, Dist: Banaskantha
3. Shri D.M.Patel, Geologist (I/C), Chotaudepur
4. Shri N.H.Patel, Surveyor, Dist: Patan.
5. Shri A.B.Prmlani, Geoligical Assitant, Dist: Jamnagar
6. Shri P.J.Bhavsar, Geologist, Dist: Vadodara
7. Shri K.M.Patel, Geoligist, Dist: Sabarkantha
8. Shri M.R.Vala, Asst. Geologist, Dist: Surendranagar
9. Shri Abhay Modi, Royalty Inspector, Dist: Navsari
10. Shri Hitesh Patel, Mine Supervisor, Dist: Tapi
11. Shri Nirav Barot, Asst. Geologist, Dist: Amreli, Bhavnagar, Botad.
12. Shri Gaurav Sokhadia, Mine Supervisor, Dist: Porbandar
13. Shri S.M.Khopkar, Asst. Geologist, Dist: Valsad
14. Shri D.K.Patel, Geologist, Dist: Surat
15. Shri J.K. GOr, Geological Assistant, Dist: Bharuch
16. Shri M.D.Chaudhry, Geological Assitant, Dist: Kutch
17. Shri A.B.Ojha, Asst. Geologist, Dist: Ahmedababd, Gandhinagar.

Sr. No.	District	Sand	Black Trap	Gra nite	Building Lime Stone	Ordinary Clay	Ordinary Sand And Kankar	Hard Murr am	Gra val	Bento nite	Silica Sand	Carb onaceous Shale	Total
1.	Ahmedabad	3	-	-	-	-	-	-	-	-	-	-	3
2.	Amreli	1	1	-	-	-	-	-	-	-	-	-	2
3.	Banaskantha	2	-	1	1	1	5	-	-	-	-	-	10
4.	Bharuch	8	-	-	-	-	-	-	-	-	-	-	8
5.	Botad	3	-	-	-	-	-	-	-	-	-	-	3
6.	Chhotaudep	12	-	-	-	-	-	-	-	-	-	-	12

	ur												
7.	Dahod	-	1	-	-	-	-	-	-	-	-	-	1
8.	Gandhinagar	7	-	-	-	-	-	-	--	-	-	-	7
9.	Gir-somnath	-	-	-	2	-	-	-	-	-	-	-	2
10.	Jamnagar	1	2	-	4	-	-	1	-	-	-	-	8
11.	Junagadh	1	1	-	1	-	-	-	-	-	-	-	3
12.	Kheda	1	2	-	-	-	-	-	1	-	-	-	4
13.	Kutch	10	30	-	-	-	-	-	-	6	-	-	46
14.	Mehsana	10	-	1	-	2	1	-	-	-	-	-	14
15.	Navsari	-	3	-	-	-	-	-	-	-	-	-	3
16.	Panchmahal	-	1	-	-	-	-	-	-	-	-	-	1
17.	Patan					1							1
18.	Porbandar				2								2
19.	Rajkot		1										1
20.	Sabarkantha	5		4							3		12
21.	Surat	3	2										5
22.	Surendranagar		2									1	3
23.	Tapi	2	2										4
24.	Vadodara		4										4
	<b>Total</b>	69	52	6	10	4	6	1	1	6	3	1	159

All 159 proposals of minor minerals which have been received by the Committee through the district office of the Geology and Mining were taken up in the meeting. Considering the scale of individual project, all the proposals were categorized as B2 and appraised individually based on the information furnished in the Form-1 and performa endorsed by the district Geologist / Asst. Geologists.

**SAND MINING PROJECTS, DIST:AHMEDABAD**

Sr . n o.	Proposal No.	Project Name	S NO	Vill,Taluka	District	Hect are	Rate of mining	Name of River	Neares t Habita tion	Proposa l use
1	SIA/GJ/MIN/2889/2015	Kameshwar Traders	13 12 P	Kasindra/ Daskroi	Ahmed abad	05- 00- 00 (Ne w)	5500 Ton.M T/M	Sabar mati	Kasind ara 0.87 Km	Constru ction
2	SIA/GJ/MIN/2975/2015	RAJENDR ASINH JORUBHA I SISODIYA	43 4/6 P	Chandisar/ Dholka	Ahmed abad	04- 36- 05 (Ne w)	10000 0 TPA	Sabar mati	Chand isar 1.00 KM	Constru ction
3	SIA/GJ/MIN/2981/2015	SAHDEVSI NH KANAKSI NH SISODIYA	42 9/ 136 P	Chandisar/ Dholka	Ahmed abad	02- 44- 84 (Ne w)	10000 0 TPA	Sabar mati	Chand isar 1.00 KM	Constru ction

Shri A.B.Ojha,Asst.Geologist, District:Ahmedabad informed that the proposal No: SIA/GJ/MIN/2975/2015 and SIA/GJ/MIN/2981/2015 are located in private land whereas proposal No: SIA/GJ/MIN/2889/2015 is located in Sabarmati 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 A.B Ojha submitted written confirmation mentioning that there will be no instream mining and sand mining will be done from dry river bed only.

After detailed deliberation and considering the mitigation measures proposed by the lease holders, Committee unanimously decided to recommend all the above proposals for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015.

**SAND MINING PROJECT,DIST: AMRELI**

Sr. no.	Proposal No.	Project Name	Minerals	District
1	SIA/GJ/MIN/1042/2015	K K B Projects Pvt Ltd	Ordinary Sand	Amreli

Shri Nirav Barot, Assistant Geologist, District: Amreli informed committee that hard copy of the above proposal could not be submitted.Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

**BLACK TRAP MINING PROJECT,DIST:AMRELI**

Sr. no.	Proposal No.	Project Name	S NO	Vill,Talu ka	Distri ct	Hectar e	Rate of mini ng	Nearest Habitati on	Neares t Sanctu ary	Proposal use
1	SIA/GJ/MIN/2369/2015	Raghubhai Popatbhai Ranani ( C/O Krishna Stone Crusher)	2/2P/10/P2/P2	Methdi/Lathi	Amre li	01-41-80  (Existi ng)	8000 MT/M	Methli 1.77 KM	Does not exist within 10 km periphe ry of the propos al	Construct ion

Shri Nirav Barot,Assistant Geologist, District: Amreli informed the committee that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.Asst. Geologist during presentation informed committee that wild life sanctuary is located at 40 km from the proposed lease.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holders, the 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 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015.

#### GRANITE MINING PROJECT, DIST: BANASKANTHA

Sr. no.	Proposal No.	Project Name	S NO	Vill, Taluka	District	Hectare	Rate of mining	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/1705/2015	Laxman Bhai parthibhai Patel	144 P	Ghoda/ Amirgadh	Banas Kantha	02-00-00 (Existing)	1666 MT/M	Virampur 2.72 KM	Construction

Shri H.P.Sandra, Royalty Inspector, Dist: Banaskantha represented the aforesaid proposal. He informed that blasting would be done only for removal of overburden by using short delay detonator to reduce ground vibration and mineral will be removed only with help of drill machine. It was also noticed that the above project does not involve intersection of ground water table. It was presented that arrangement of water sprinkling will be done during cutting for control of fugitive emission.

After presentation, Committee asked geologist to submit approved mining plan for the proposal Nos: SIA/GJ/MIN/1705/2015 and decided to take up proposal in one of the upcoming SEAC meeting for further consideration after submission of approved mining plan.

#### BUILDING LIME STONE MINING PROJECT, DIST: BANASKANTHA

Sr. no.	Proposal No.	Project Name	S NO	Vill, Taluka	District	Hectare	Rate of mining	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/2764/2015	Vajirkhan Sindhi	251 P	Arkhi/ Dantiwada	Banas Kantha	03-00-0 (Existing)	4100 MT/M	Panthawada 2.42 KM	Construction

Shri H.P.Sandra, Royalty Inspector, Dist: Banaskantha Informed the committee that above proposal does not include blasting and mineral will be removed only with help of cutter machine. It was also noticed that the above project does not involve intersection of ground water table. It was presented that arrangement of water sprinkling will be done during cutting for control of fugitive emission.

During meeting, considering the proposed mitigation measures, the 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 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015

**ORDINARY CLAY MINING PROJECT, DIST: BANASKANTHA**

Sr. no.	Proposal No.	Project Name	Minerals	District
1	SIA/GJ/MIN/2870/2015	SAVITABEN VELAJI THAKOR	Ordinary Clay	Banas Kantha

Shri H.P.Sandra, Royalty Inspector, Dist: Banaskantha informed committee that hard copy of the above proposal could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

**ORDINARY SAND MINING PROJECTS, DIST: BANASKANTHA**

Sr. no.	Proposal No.	Project Name	S NO	Vill, Taluka	District	Hectare	Rate of mining	Name of River	Nearest Habitat	Proposal use
1	SIA/GJ/MIN/2787/2015	L.V.Thakor			Banas Kantha					
2	SIA/GJ/MIN/2793/2015	L.V.Thakor	296	Mota Jampur/Kankrej	Banas Kantha	03-00-00 (New)	2100 MT/M	Banas	Mota Japura 1.60 Km	Construction

Shri H.P.Sandra, Royalty Inspector, Dist: Banaskantha informed committee that hard copy of the proposal nO: SIA/GJ/MIN/2787/2015 could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting

Shri H.P.Sandra, Royalty Inspector, Dist: Banaskantha informed that Proposal No: SIA/GJ/MIN/2793/2015 is located in the river bed of Banas. 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. Royalty inspector submitted written confirmation mentioning that there will be no instream mining and sand mining will be done from dry river bed only.

After detailed deliberation and considering the mitigation measures proposed by the lease holder, Committee unanimously decided to recommend proposal No: SIA/GJ/MIN/2793/2015 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 with specific condition of carrying out mining from dry river bed and there will be no instream mining.

#### ORDINARY SAND AND KANKAR MINING PROJECTS, DIST: BANASKANTHA

Sr. no.	Proposal No.	Project Name	Minerals	S NO	Vill, Taluka	District	Hectare	Rate of mining	Name of River	Nearest Habitation	Proposed use
1	SIA/GJ/MIN/2872/2015	SAVITA BEN VELAJI THAKOR	Ordinary Sand and Kankar			Banaskantha					
2	SIA/GJ/MIN/2883/2015	NITABEN VELAJI THAKOR	Ordinary Sand and Kankar			Banaskantha					
3	SIA/GJ/MIN/2888/2015	Nitaben Velaji Thakor	Ordinary Sand and Kankar			Banaskantha					
4	SIA/GJ/MIN/2895/2015	NIRUBEN	Ordinary	176	Mota Jampu	Banaskantha	10-00-	2100	Banaskantha	Mota Jampu	Construction

		VELAJI THAKO R	Sand and Kankar		ra/ Kankr ej	Kant ha	00 (Ne w)	MT/ M		ra 1.15 Km	
5	SIA/GJ/MIN/ 2899/2015	NIRUB EN VELAJI THAKO R	Ordina ry Sand and Kankar	176 /23 1 P	Mota Jampu ra/ Kankr ej	Ban as Kant ha	03- 00- 00 (Ne w)	210 0 MT/ M	Ban as	Mota Jampu ra 1.42 Km	Constru ction

Shri H.P.Sandra, Royalty Inspector, Dist: Banaskantha informed committee that hard copies of the proposal No: SIA/GJ/MIN/2872/2015 and SIA/GJ/MIN/2883/2015 and SIA/GJ/MIN/2888/2015 could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposals for further consideration in one of the upcoming SEAC meeting

For proposals No SIA/GJ/MIN/2895/2015 and SIA/GJ/MIN/2899/2015, Shri H.P.Sandra, Royalty Inspector, Dist: Banaskantha informed committee that lease area of the above proposals are located in the river bed of Banas. He informed committee that sand and Kankar 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 mineral 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 H.P.Sandra, Royalty Inspector submitted written confirmation mentioning that there will be no instream mining and sand mining will be done from dry river bed only.

After detailed deliberation and considering the mitigation measures proposed by the lease holders, Committee unanimously decided to recommend proposal Nos: SIA/GJ/MIN/2895/2015 and SIA/GJ/MIN/2899/2015 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 with specific condition of carrying out mining from dry river bed, there will be no instream mining and 15 meter set back distance from either side of the river bank shall be maintained.

#### SAND MINING PROJECTS, DIST: BHARUCH

Sr. no	Proposal No.	Project Name	S NO	Vill, Taluka	District	Hectare	Rate of mining	Name of River	Nearest Habitation	Proposed use



1	SIA/GJ/MIN/2819/2015	Gemabhai Chhitubhai Oad			Bharuch					
2	SIA/GJ/MIN/2824/2015	Rakeshbhai Gemabhai Oad			Bharuch					
3	SIA/GJ/MIN/2825/2015	Kalpeshbhai Gemabhai Oad			Bharuch					
4	SIA/GJ/MIN/2657/2015	Devaji Annaji Vanzara			Bharuch					
5	SIA/GJ/MIN/2673/2015	Jatanben Jashubhai Ode			Bharuch					
6	SIA/GJ/MIN/2724/2015	Mohanbhai J Ode			Bharuch					
7	SIA/GJ/MIN/2733/2015	Naginbhai Gemalbhai Ode			Bharuch					
8	SIA/GJ/MIN/2991/2015	Balubhai Mahijibhai Virjaya			Bharuch					

Hard copies of all the above proposals could not be submitted by Shri J K Gor, Geological Assistant, Dist: Bharuch. Hence it was decided by the committee to defer all the above proposals for further consideration in one of the upcoming SEAC meeting.

#### SAND MINING PROJECTS, DIST: BOTAD

Sr. no.	Proposal No.	Project Name	Minerals	S NO	Vill, Taluka	District	Hectare	Rate of mining	Name of River	Nearest Habitation	Proposed use
1	SIA/GJ/MIN/2903/2015	ORDINARY SAND	Sand			Botad					

		MINING PROJECT									
2	SIA/GJ/MIN/2757/2015	Shree Shaktisinh M. Vala	Sand	Keri river patt	Ningala /Gadhad	Botad	1-00-00 (New )	334 MT/M	Keri	<b>Ningala 0.5 KM</b>	Construction
3	SIA/GJ/MIN/2971/2015	ORDINARY SAND MINING PROJECT	Ordinary Sand			Botad					

Shri Nirav Barot, Asst. Geologist, Dist: Botad informed committee that hard copies of the proposal Nos: SIA/GJ/MIN/2903/2015 and SIA/GJ/MIN/2971/2015 could not be submitted. Hence it was decided by the committee to defer the above proposals for further consideration in one of the upcoming SEAC meeting.

For proposal No: SIA/GJ/MIN/2757/2015, Asst. Geologist, District: Botad informed that lease area is located in the river bed of Keri. 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. Nirav Barot submitted written confirmation mentioning that there will be no instream mining and sand mining will be done from dry river bed only.

After presentation, committee noticed that the nearest human habitation from the proposed lease is village Ningala located at 500 meter and asked Asst. geologist to reconfirm the nearest aerial distance of human habitation from the outer periphery of the lease and decided to take up the proposal after submission of the said details in one of the upcoming SEAC meeting.

**SAND MINING PROJECTS, DIST:CHHOTAUDAIPUR**

Sr. no.	Proposal No.	Project Name	S NO	Vill,Taluka	District	Hectare	Rate of mining	Name of River	Nearest Habitation	Proposed use
1	SIA/GJ/MIN/1007/2015	SHIVALABHAI THEDIYABHAI NAYAK			CHHOTAUDAIPUR					
2	SIA/GJ/MIN/2460/2015	Sabanabanu SajidHussain Sindhi	19	Bhadrali/Sankheda	CHHOTAUDAIPUR	03-63-00 (Existing)	75000 MT/Year	Orsang	Bhadrali 0.75 KM	Construction
3	SIA/GJ/MIN/2467/2015	Mohammed Rafiq AliMohammed Sindhi	5 & 6	Akhtiyarpura/Sankheda	CHHOTAUDAIPUR	02-95-00 (Existing)	50000 MT/Year	Orsang	Akhtiyarpura 1.48 KM	Construction
4	SIA/GJ/MIN/2875/2015	Mr. Budhabhai Balabhai Meghani			CHHOTAUDAIPUR	04-36-05 (New)				
5	SIA/GJ/MIN/2827/2015	NIRUBEN RAMESHBHAI OAD	1421, 1422,1420, 1428	Mankani/Sankheda	CHHOTAUDAIPUR	04-77-35 (New)	30000 MT/M	Orsang	Mankani 1.13 KM	Construction
6	SIA/GJ/MIN/2766/2015	NAZIMKHA NIVAZKHA KURESHI	170	Kotali/Sankheda	CHHOTAUDAIPUR	02-00-00 (Existing)	10000 MT/M	Orsang	Kotali 1.20 KM	Construction
7	SIA/GJ/MIN/2767/2015	KULSUMBIBI KIBALKHA KURESHI	167	Kotali/Sankheda	CHHOTAUDAIPUR	02-00-00	10000 MT/M	Orsang	Kotali 1.20 KM	Construction

					PUR	(Existing)				
8	SIA/GJ/MIN/2770/2015	IKBALKHA NIVAZKHA KURESHI	167, 167/1	Kotali/Sankheda	CHH OTA UDAI PUR	01-60-00 (Existing)	8000 MT/M	Orsang	Kotali 1.20 KM	Construction
9	SIA/GJ/MIN/2901/2015	SOMAJI NARAJI VANZARA	309 to 312	Barvada/ Jetpurpavi	CHH OTA UDAI PUR	09-52-58 (New)	65000 MT/M	Orsang	Barvada 0.95 KM	Construction
9	SIA/GJ/MIN/2902/2015	Somaji Naraji Vanzara	290 to 294	Barvada/ Jetpurpavi	CHH OTA UDAI PUR	09-65-98 (New)	65000 MT/M	Orsang	Barvada 0.95 KM	Construction
10	SIA/GJ/MIN/2952/2015	Jaydeepsinh Dolatsinh Ghariya			CHH OTA UDAI PUR					
11	SIA/GJ/MIN/2953/2015	Jaydeepsinh Dolatsinh Ghariya	Orsandi nadi patt lagu	Vill: Modasar  Ta:sankheda	CHH OTA UDAI PUR	06.6 9.06  Existing	96000 MTPA	orsang	Modasar: 2 km	Construction
12	SIA/GJ/MIN/2962/2015	Parsingbhai Michrabhai Rathwa	162	Chisadiya/Chhota depur	CHH OTA UDAI PUR	00-51-20 (New)	24000 MTPA	Orsang	Chisadiya 1.70 KM	Construction

Shri D.M.Patel, Geologist, Dist: Chotaudepur informed committee that hard copies of the proposal Nos: SIA/GJ/MIN/1007/2015, SIA/GJ/MIN/2875/2015 and SIA/GJ/MIN/2952/2015 could not be submitted. Hence it was decided by the committee to defer the proposal Nos: SIA/GJ/MIN/1007/2015, SIA/GJ/MIN/2875/2015 and SIA/GJ/MIN/2952/2015, for further consideration in one of the upcoming SEAC meeting.

He further informed that lease area of the proposal NO: SIA/GJ/MIN/2953/2015 is 06.69.06 which is near to the national highway. Geologist has submitted written confirmation to reduce mining lease area from existing Ha to 04.63.62 Ha which will be 500 meter away from the highway. After deliberation committee asked geologist to resubmit Form I, Prefeasibility report along with associated documents to obtain EC for lease area 04.63.62 Ha including details of the shortest aerial distance of state highway/National Highway. Upon submission of the said information, it was decided by the committee to take up the proposal in one of the upcoming SEAC meeting for further consideration.

For the rest of the proposals, Shri D.M. Patel represented that lease areas are 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 D.M. Patel submitted written confirmation mentioning that there will be no instream mining and sand mining will be done from dry river bed only.

After detailed deliberation and considering the mitigation measures proposed by the lease holders, Committee unanimously decided to recommend proposal Nos: SIA/GJ/MIN/2460/2015, SIA/GJ/MIN/2467/2015, SIA/GJ/MIN/2827/2015, SIA/GJ/MIN/2766/2015, SIA/GJ/MIN/2767/2015, SIA/GJ/MIN/2770/2015, SIA/GJ/MIN/2901/2015, SIA/GJ/MIN/2902/2015 and SIA/GJ/MIN/2962/2015 for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with specific conditions of carrying out mining from dry river bed and there will be no instream mining

#### BLACK TRAP MINING DAHOD

Sr. no.	Proposal No.	Project Name	S NO	Vill, Taluka	District	Hectare	Rate of mining	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/2802/2015	Mangubhai K. Gelot	154/1 P 2	Lilvathakor/Zhalod	Dahod	02-00-00 (Existing)	2500 MT/M	Llvathakor : 2 KM	Constructi on

Shri M.K. Dave, Asst. Geologist, District: Dahod informed the committee that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement

will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, 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 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015

#### SAND MINING PROJECTS, DIST:GANDHINAGAR

Sr. no.	Proposal No.	Project Name	S NO	Vill,Talu ka	District	Hectare	Rate of mining	Name of River	Nearest Habitat ion	Proposal use
1	SIA/GJ/MIN/2675/2015	Jayeshbhai Yashvantral Barot	28	Lakroda /Mansa	Gandhinagar	04-00-00 (Existing)	15000 MTPM	sabar mati	Lakroda: 1 km	Construction
2	SIA/GJ/MIN/2705/2015	Shree Sabarmati Majur Kamdar Sahkari Mandali Ltd	23	Koba	Gandhinagar	04-99-00 (New)	834 MT/M	Sabar mati	Koba 0.5 KM	Construction
3	SIA/GJ/MIN/2712/2015	Shree Sabarmati Majur Kamdar Sahkari Mandali Ltd.	128	Nabhoi	Gandhinagar	04-00-00 (New)	834 MT/M	Sabar mati	Nabhoi 0.29 Km	Construction
4	SIA/GJ/MIN/2718/2015	Shree Sabarmati	64	Rajpur	Gandhinagar	09-99-00 (New)	2500 Mt/	Sabar mati	Rajpur 0.5 KM	Construction

		Majur Kamdar Sahkari Mandali Ltd.					M			
5	SIA/GJ/MIN/2732/2015	Shree Dalaji Fojhaji Vanzara	3053	Pethapur	Gandhinagar	03-00-00 (New)	834 Mt/M	Sabarmati	Pethapur 0.29 KM	Construction
6	SIA/GJ/MIN/2736/2015	Shree Shaktikrupa Kamdar Sahakari Mandali Ltd.	491 to 495	Karoli	Gandhinagar	05-00-00 (New)	834 Mt/M	Meswo	Karoli 2.5 Km	Construction
7	SIA/GJ/MIN/2745/2015	Shree Sonaji Gandaji Thakor	782	Pethapur	Gandhinagar	01-50-00 (New)	834 MT/M	Sabarmati	Pethapur 0.5 KM	Construction

Shri A.B.Ojha, Asst. Geologist, District: Gandhinagar informed that proposals Nos: SIA/GJ/MIN/2712/2015 and SIA/GJ/MIN/2732/2015 are located within 500 meters of the nearest human habitation and henceforth committee unanimously decided to recommend for rejection of Environmental clearance of these proposals to SEIAA.

During presentation, committee also noticed that the nearest human habitation from the proposal Nos: SIA/GJ/MIN/2705/2015, SIA/GJ/MIN/2718/2015 and SIA/GJ/MIN/2745/2015 is 500 meter and asked Asst. Geologist to submit the nearest aerial distance of human habitation from the proposal Nos: SIA/GJ/MIN/2705/2015, SIA/GJ/MIN/2718/2015 and SIA/GJ/MIN/2745/2015 after reconfirmation and decided to take up these proposals after submission of said details in one of the upcoming SEAC meeting for further consideration.

For the rest of the proposals SIA/GJ/MIN/2675/2015 and SIA/GJ/MIN/2736/2015, Shri A.B.Ojha, Asst. Geologist informed committee that the above lease areas are located in the river bed of Sabarmati and Meshwo respectively. 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 A.B Ojha submitted written confirmation mentioning that there will be no instream mining and sand mining will be done from dry river bed only.

After detailed deliberation and considering the mitigation measures proposed by the lease holders, Committee unanimously decided to recommend proposals SIA/GJ/MIN/2675/2015 and SIA/GJ/MIN/2736/2015 for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with specific condition of carrying out mining from dry river bed and there will be no instream mining.

#### **BUILDING LIME STONE MINING PROJECTS, DIST: GIR SOMNATH**

<b>Sr. no.</b>	<b>Proposal No.</b>	<b>Project Name</b>	<b>Minerals</b>	<b>District</b>
1	SIA/GJ/MIN/2385/2015	Building Lime Stone Mines (Quarry Lease) of Govindbhai Tabhabhai Chudasama	Building Lime Stone	Gir Somnath
2	SIA/GJ/MIN/2466/2015	Building Lime Stone Mines (Quarry Lease) of Govindbhai Tabhabhai Chudasama	Building Lime Stone	Gir Somnath

Assistant Geologist, District: Gir Somnath remained absent to represent above proposals before the committee. It was also noticed by the committee that hard copies of the above proposals could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer all the above proposals for further consideration in one of the upcoming SEAC meeting.

#### **BLACK TRAP MINING PROPOSALS, DIST: JAMNAGAR**

<b>Sr. no.</b>	<b>Proposal No.</b>	<b>Project Name</b>	<b>S NO</b>	<b>Vill, Taluka</b>	<b>District</b>	<b>Hectare</b>	<b>Rate of mining</b>	<b>Nearest Habitation</b>	<b>Proposal use</b>
1	SIA/GJ/MIN/2420/2015	Swati Stone Crusher	678/1/2	Sethvadala/ Jamjodhpur	Jamnagar	02-00-00 (New)	5000 MTPM	Sethvadala 0.7 KM	Construction
2	SIA/GJ/MIN/3337/2015	Shree Shailleswar	206/207 P	Dadiya/ Jamjodhpur	Jamnagar	03-00-00 (New)	5000 MTPM	Dadiya 1.25 KM	Construction



		Enterprise							
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Shri A.B.Premhani, Geological Assistant represented the above proposals before the committee. He informed that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs. He further informed that no wild life sanctuary exists within 10 km from the outer periphery of the above proposals.

After discussion and detailed scrutiny of the proposal, 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 Non Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015.

#### HARD MURRAM MINING PROJECTS, DIST:JAMNAGAR

Sr . n o.	Proposal No.	Project Name	S NO	Vill, Taluka	District	Hectare	Rate of mining	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/2401 /2015	Ashapura Enterprise	292/347/350	Chela/Jamnagar	Jamnagar	02-00-00 (New)	2500 MTPM	Chela: 1 KM	Construction

Shri A.B.Premhani, Geological Assistant, District: Jamnagar informed the committee that mineral will be excavated through cutter machine and no blasting will be done for mining. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures includes water sprinkling on haul roads, tree plantation in periphery and road sides, transportation of minerals through covered trucks etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holder, the 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

**SAND MINING PROJECTS, DIST:JAMNAGAR**

Sr . n o.	Proposal No.	Project Name	S NO	Vill,Taluka	District	Hectare	Rate of mining	Name of River	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/2406 /2015	Babubha Khumansang Jadeja	Und Nadi Patt	Khambhalida/ Jamnagar	Jamnagar	02-00-00 (New)	15000 MT/M	Und Nadi	Khambhalida 2 KM	Construction

Shri A.B.Premhani, Geological Assistant, District: Jamnagar informed that lease area of the above proposal is located in the river bed of Und. 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 Premhani submitted written confirmation stating that there will be no instream mining and sand excavation will be done from dry river bed only.

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 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with specific conditions for carrying out mining from dry river bed and there will be no instream mining.

**BUILDING LIME STONE MINING PROJECTS,DIST: JAMNAGAR**

Sr . n o.	Proposal No.	Project Name	S NO	Vill,Taluka	District	Hectare	Rate of mining	Nearest Habitat ion	Proposal use
1	SIA/GJ/MIN/1393 /2015	Bhanubhai Bhimabhai Parmar	278 /1 P	Pardava/Jamjodhpur	Jamnagar	02-22-58 (New )	2000 MTP M	Pardava 2KM	Construction
2	SIA/GJ/MIN/2392 /2015	Kamleshbhai Hardasbhai Khava	226 P,36 P 1	Bhojabedi/Jamjodhpur	Jamnagar	01-01-17 (New )	2000 MTP M	Bhojabedi 2 KM	Construction
3	SIA/GJ/MIN/2477 /2015	Rameshchandra Kanjibhai Koyani.	20 P	Bagdhara/Jamjodhpur	Jamnagar	01-00-00 (New )	2000 MTP M	Bagdhara 1.5 KM	Construction
4	SIA/GJ/MIN/3604 /2015	Sabir Osaman Sama	135/ 3 P	Chorbedi/Lalpur	Jamnagar	01-00-00 (New )	3000 MTP M	Chorbedi 1 KM	Construction

Shri A.B.Premlani, Geological Assistant, District: Jamnagar informed committee that all the above proposals are located in private land and do not include blasting. He further informed that mineral will be removed only with help of cutter machine. It was also noticed that all the above projects do not involve intersection of ground water table. It was presented that arrangement of water sprinkling will be done during cutting for control of fugitive emission.

During meeting, considering the proposed mitigation measures, the committee unanimously decided to recommend all the above proposals(Except Proposal No:SIA/GJ/MIN/1393/2015) for grant of environmental clearance to SEIAA with stipulation of standard conditions for Non Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015.

For the proposal No:SIA/GJ/MIN/1393/2015,Committee noticed that written complaint of the farmers from surrounding fields at S NO: 971,974 and 977,Vill: Amrapar is received on 02-01-2016 mentioning that proposed lease is located less

than 200 meter distance from their fields and farming will be affected due to mining operation in the proposed lease. After deliberation, committee asked Geological Assistant, Dist: Jamnagar to submit No Objection Certificate of farmers in the surrounding fields including fields at S NO: 971,974 and 977, Vill: Amrapar clearly stating having no objection if mining operation is carried out in the lease area of proposal NO:SIA/GJ/MIN/1393/2015 with all the mitigation measures to be implemented in details to curb air pollution during mining. Committee after deliberation unanimously decided to consider the proposal No:SIA/GJ/MIN/1393/2015 after submission of the said details in one of the upcoming SEAC meeting.

**BLACK TRAP MINING PROEJCTS, DIST:JUNGADH**

Sr. no.	Proposal No.	Project Name	District
1	SIA/GJ/MIN/2857/2015	GOVINDBHAI BHIKHABHAI KANDORIYA	Junagadh

Assistant Geologist, District: Junagadh remained absent to represent above proposal before the committee. It was also noticed by the committee that hard copy of the above proposal could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

**BUILDING LIME STONE MINING PROJECTS, DIST: JUNAGADH**

Sr. no.	Proposal No.	Project Name	Minerals	District
1	SIA/GJ/MIN/29892/2015	Building lime Stone mine of Sarmanbhai Bachubhai Ravaliya	Building Lime Stone	Junagadh

Assistant Geologist, District: Junagadh remained absent to represent above proposal before the committee. It was also noticed by the committee that hard copy of the above proposal could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

**SAND MINING PROEJCTS, DIST: JUNAGADH**

Sr. no.	Proposal No.	Project Name	Minerals	District
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1	SIA/GJ/MIN/296 3/2015	Sand Mine of Late. Rambhai Maldebhai Divaraniya, Liriben Rambhai Divaraniya	Sand	Junagadh
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Assistant Geologist, District: Junagadh remained absent to represent above proposal before the committee. It was also noticed by the committee that hard copy of the above proposal could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

#### **SAND MINING PROEJCTS, DIST:KHEDA**

Sr. no.	Proposal No.	Project Name	Minerals	District
1	SIA/GJ/MIN/ 2355/2015	Sheeriji Samaj Seva Sansthan	Sand	Kheda

Assistant Geologist, District: Kheda remained absent to represent above proposal before the committee. It was also noticed by the committee that hard copy of the above proposal could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

#### **GRAVEL MINING PROJECTS, DIST: KHEDA**

Sr. no.	Proposal No.	Project Name	Minerals	District
1	SIA/GJ/MIN/269 5/2015	Nitinkumar Gangaram Chauhan	Gravel	Kheda

Assistant Geologist, District: Kheda remained absent to represent above proposal before the committee. It was also noticed by the committee that hard copy of the above proposal could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

#### **BLACK TRAP MINING PROJECTS, DIST: KHEDA**

Sr. no.	Proposal No.	Project Name	Minerals	S NO	Vill, Taluka	District
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1	SIA/GJ/MIN/ 2826/2015	AJAY SURATIA	Black Trap	Block No. Q : Lagu Survey No. 20, Mahi River	Aklacha, Tal.: Thasara	Kheda
2	SIA/GJ/MIN/ 2859/2015	AJAY SURATIA	Black Trap	Block No. O : Lagu Survey No. 17, Mahi River	Aklacha, Tal.: Thasara	Kheda

Assistant Geologist, District: Kheda remained absent to represent above proposal before the committee. It was also noticed by the committee that hard copy of the above proposal could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

#### SAND MINING PROJECTS, DIST: KUTCH

Sr. no.	Proposal No.	Project Name	S NO	Vill, Taluka	Dist rict	Hect are	Rat e of min ing	Nam e of Rive r	Neares t Habita tion	Neares t Sanctu ary	Propos al use
1	SIA/GJ/MIN/2929/2015	Ranjitsinh A. Jadeja & Narendrasingh V. Jadeja	680 River P	Koday/ Mandavi	kutch	06-00-00 (Existing)	2500 MT /M	S NO: 680 River P	Koday 0.35 KM	Kutch wild life Sanctuary: 30 km	Construction
2	SIA/GJ/MIN/2931/2015	Ranjitsinh A. Jadeja & Narendrasingh V. Jadeja	680 River P	Koday/ Mandavi	kutch	06-00-00 (Existing)	2500 MT /M	S NO: 680 River P	Koday 0.530 KM	Kutch wild life Sanctuary: 30 km	Construction
3	SIA/GJ/MIN/2934/2015	Ranjitsinh A. Jadeja & Narendrasingh	680 River P	Koday/ Mandavi	kutch	06-00-00 (Existing)	2500 MT /M	S NO: 680 River P	Koday 0.24 KM	Kutch wild life Sanctuary: 30 km	Construction

		V. Jadeja									
4	SIA/GJ/MIN/2720/2015	Jadeja Mahavirsinh Juvansinh	987/1 & 134/1 River Bed	Kothara/Abdasa	kutch	02-00-00 (Existing)	833 Mt/M	S NO: 987/1 & 134/1 River Bed	Kothara 0.9 KM	Ghorad Bird Sanctuary: 20 km	Construction
5	SIA/GJ/MIN/2722/2015	Arun Gopal Chhanga	636 River P	Kunariya/Bhuj	kutch	02-58-00 (Existing)	2080 MT/M	S NO: 636 River P	Kunariya 1.8 KM	Kutch wild life Sanctuary: 9.5 km	Construction
6	SIA/GJ/MIN/2742/2015	Jigneshsinh Bahadursinh Jadeja	530 P	Nani Khakhar	kutch	01-07-75 (Existing)	834 MT/M	S NO: 530 P	Nani Khakhar 0.88 KM	Kutch wild life Sanctuary: 30 km	Construction
7	SIA/GJ/MIN/2935/2015	Ajaypal sinh Sujansinh Jadeja	733 River P	Bhadreshwar /Mundra	kutch	04-00-00 (Existing)	1833 MT/M	S NO: 733 River P	Bhades hwar 1.5 KM	Kutch wild life Sanctuary: 35 km	Construction
8	SIA/GJ/MIN/2938/2015	Hitubha Bahadursinh Jadeja	Travers River paiki	Nani Khakhar/ Mandvi	kutch	04-00-00 (Existing)	1665 MT/M	Travers River paiki	Nani Khakhar 0.26 KM	Kutch wild life Sanctuary: 30 km	Construction
9	SIA/GJ/MIN/2739/2015	Hitendrasinh harubha jadeja	530 P	Nani Khakhar/Mandvi	kutch	01-84-27 (Existing)	1000 MT/M	S NO: 530 P	Nani Khakhar 1.03 KM	Kutch wild life Sanctuary: 30 km	Construction
10	SIA/GJ/MIN/2985/2015	Pir Haidars ha	636 River	Kunariya/ Bhuj	kutch	03-74-60	2080 MT	S NO: 636	Kunariya 1.5	Kutch wild life Sanctuary	Construction

	015	Abdulsh a	r P			(Exist ing)	/M	Rive r P	KM	ry: 9.5 km	
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Shri M.D.Chaudhry, Geological Assistant, District: Kutch informed that human habitation exists within 500 meter from the outer periphery of proposals No: SIA/GJ/MIN/2929/2015, SIA/GJ/MIN/2934/2015 and SIA/GJ/MIN/2938/2015 and hence committee unanimously decided to recommend for rejection to SEIAA.

Geological assistant informed that Kutch Wildlife Sanctuary is located at 9.5 km from the outer periphery of proposal Nos: SIA/GJ/MIN/2722/2015, SIA/GJ/MIN/2985/2015. After presentation committee asked geological assistant to submit No Objection Certificate of Forest department for carrying out mining activities along with an application submitted for obtaining clearance from standing committee of the National Board for wildlife. It was decided by the committee to take up these proposals in one of the upcoming SEAC meeting for further consideration after submission of the said details.

For the proposal Nos: SIA/GJ/MIN/2931/2015 SIA/GJ/MIN/2720/2015, SIA/GJ/MIN/2742/2015, SIA/GJ/MIN/2935/2015 and SIA/GJ/MIN/2739/2015, Shri M.D.Chaudhry, Geological Assistant, District: Kutch informed that the above proposals are located in the 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.

After detailed deliberation and considering the mitigation measures proposed by the lease holders, Committee unanimously decided to recommend the proposal Nos: SIA/GJ/MIN/2931/2015, SIA/GJ/MIN/2720/2015, SIA/GJ/MIN/2742/2015, SIA/GJ/MIN/2935/2015 and SIA/GJ/MIN/2739/2015 for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with specific condition of carrying out mining from dry river bed and instream mining is not done.

#### **BENTONITE MINING PROJCTS, DIST: KUTCH**

<b>Sr. no.</b>	<b>Proposal No.</b>	<b>Project Name</b>	<b>S N O</b>	<b>Vill, Taluka</b>	<b>District</b>	<b>Hectare</b>	<b>Rate of mining</b>	<b>Nearest Habitat</b>	<b>Nearest Sanctuary</b>	<b>Proposal use</b>



1	SIA/GJ/MIN/2 761/2015	Chaguben Dhanji Maheshwari	1 56 P	Raydhanzar/Ab dasa	kutch	01- 00-00 (Existi ng)	100 0 MT/ M	Raydha nzar 0.59 KM	Ghorad Bird Sanctu ary:  20 km	Drillin g mud
2	SIA/GJ/MIN/2 763/2015	Jayendras inh Ranjeetsi nh Jadeja	4 76 P	Kotadi /Mandvi	kutch	04- 90-00 (Existi ng)	166 5 MT/ M	Kotadi 1.5 KM	Kutch wild life Sanctu ary: 25 km	Drillin g mud
3	SIA/GJ/MIN/2 884/2015	Manali Mines	4 64 P	Nundhatad/ Abdasa	kutch	02- 00-00 (New)	200 0 MT/ M	Nundha tad 1.54 KM	Ghorad Bird Sanctu ary:  20 km	Drillin g mud
4	SIA/GJ/MIN/2 890/2015	Manali Mines	1 60 P	Miyani/ Abdasa	kutch	02- 81-36 (New)	200 0 MT/ M	Miyani 1.45 KM	Ghorad Bird Sanctu ary:  20 km	Drillin g mud
5	SIA/GJ/MIN/2 656/2015	Mahendra C. Gusai & Lakhamsh ibhai R. Parvadiya	20 6 P	Punadi/Mandvi	kutch	04- 75-00 (New)	400 0 MT/ M	Punadi 1.60 KM	Kutch wild life Sanctu ary: 25 km	Drillin g mud
6	SIA/GJ/MIN/2 751/2015	Manjothi Gulamhus en Ismail	4 76 P	Kotadi (Mahadevpuri)/ Mandvi	kutch	04- 90-00 (Existi ng)	166 5 MT/ M	Kotadi 1.5 KM	Kutch wild life Sanctu ary: 25 km	Drillin g mud

Shri M.D.Chaudhry, Geological Assistant, District: Kutch presented above proposals before the committee. During meeting, Committee observed that the nearest human habitation is situated beyond 500 m distance from the above lease areas. Blasting is not proposed for mining of Bentonite. It was further mentioned that the above proposals do not involve intersection of ground water table. Development of green belt and water sprinkling are proposed for control of fugitive emission.

During meeting, considering the proposed mitigation measures, the committee decided to recommend all the above proposals for grant of environmental clearance to SEIAA with stipulation of standard conditions for Non Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015.

**BLACK TRAP MINING PROJECTS, DIST: KUTCH**

Sr. no.	Proposal No.	Project Name	S NO	Vill,Tal uka	Distric t	Hectare	Rate of mini ng	Neare st Habit ation	Nearest Sanctuar y	Proposa l use
1	SIA/GJ/MIN/2918/2015	Jadav Vishram Raghvani	639 P	Kara/Bhuj	kutch	04-00 - 00 (Existing )	4000 MT/ M	Kera 3.8 KM	Kutch wild life Sanctuary : 20 km	Constru ction
2	SIA/GJ/MIN/2145/2015 andSIA/GJ/MIN/2500/2015	Jagdish Narsibhai Bambhaniya	913 P	Anjar	kutch	03-00-00 (Existing)	1000 Mt/ M	Anjar 2.86 KM	Wild Ass Sanctuary : 14 km	Constru ction
3	SIA/GJ/MIN/2829/2015	Jaypalsinh H. Jadeja	177 P	Roha Sumri/ Nakhat rana	kutch	01-00-00 (Existing)	1200 MT/ M	Roha Sumri 1.90 KM	Chharidh andh Bird Sanctuar y: 20 km	Constru ction
4	SIA/GJ/MIN/2771/2015	Hathubha R. Sodha & Ramesh H. Joshi	1122 P	Trambo / Rapar	kutch	04-00-00 (Existing)	1400 MT/ M	Trambo 1.34 KM	Kutch wild life Sanctuary : 4.0 km	Constru ction
5	SIA/GJ/MIN/2774/2015	Babulal Devji Kapdi	182 P	Moti Nagalpar/Anjar	kutch	04-00-00 (Existing)	1800 MT/ M	Nagalpar 1.36 Km	Wild Ass Sanctuary : 14 km	Constru ction

6	SIA/GJ/MIN/ 2778/2015	Mansukh Valji Chotara	182 P	Moti Nagalpar/ Anjar	kutch	01-86-02 (Existing)	1800 MT/ M	Nagal par 1.70 KM	Wild Ass Sanctuary : 14 km	Constru ction
7	SIA/GJ/MIN/ 2667/2015	Jyoti stone crusher	151 P	Vadzar/ Bhuj	kutch	01-00-00 (Existing)	830 MT/ M	Vadza r 2 KM	Kutch wild life Sanctuary : 18 km	Constru ction
8	SIA/GJ/MIN/ 2669/2015	Jyoti stone crusher	151 P	Vadzar/ Bhuj	kutch	02-00-00 (Existing)	1665 MT/ M	Vadza r 1.29 KM	Kutch wild life Sanctuary : 18 km	Constru ction
9	SIA/GJ/MIN/ 2674/2015	Premsang ji Lalubha Jadeja	105 P	Chunad i/Bhuj	kutch	04-00-00 (Existing)	1165 MT/ M	Chun adi 1.05 KM	Kutch wild life Sanctuary : 20 km	Constru ction
10	SIA/GJ/MIN/ 2679/2015	kalyan Mavji Patel	331 P	Dhunal / Manda vi	kutch	02-85-00 (Existing)	1330 MT/ M	Dhun al 1.8 KM	Kutch wild life Sanctuary : 20 km	Constru ction
11	SIA/GJ/MIN/ 2683/2015	Harilal Panchan Patel	331 P	Dhunal / Manda vi	kutch	01-00-00 (Existing)	1000 MT/ M	Dhun al 2.43 KM	Kutch wild life Sanctuary : 20 km	Constru ction
12	SIA/GJ/MIN/ 2694/2015	Salim Ismail Jat	101/ 182 P	Nagalpar/ Anjar	kutch	04-90-00 (Existing)	1800 MT/P M	Nagal par 0.53 KM	Wild Ass Sanctuary : 14 km	Constru ction
13	SIA/GJ/MIN/ 2696/2015	Jusab Mithu Jat	101 P	Vidi/An jar	kutch	02-38-44 (Existing)	500 Mt/ M	Vidi 1.10 KM	Wild Ass Sanctuary : 14 km	Constru ction
14	SIA/GJ/MIN/ 2697/2015	Husen Jusab Jat	984 P	Anjar	kutch	02-00-00 (Existing)	1400 MT/ M	Anjar .820 KM	Wild Ass Sanctuary : 14 km	Constru ction
15	SIA/GJ/MIN/ 2698/2015	Jat Umar Jusab	101 P	Vidi/An jar	kutch	01-00-00 (Existing)	1800 MT/ M	Vidi 1.31 KM	Wild Ass Sanctuary : 14 km	Constru ction

16	SIA/GJ/MIN/ 2700/2015	Deepak Shantilal Chaudari	984 P	Anjar/ Anjar	kutch	01-70-00 (Existing)	1000 MT/ M	Anjar 1.43 KM	Wild Ass Sanctuary : 14 km	Constru ction
17	SIA/GJ/MIN/ 2701/2015	Blacktrap 1.0 Mining project of Hadiya Chamanla I Karshan	182 P	Moti Nagalp ar/Anja r	kutch	01-00-00 (Existing)	1000 MT/ M	Moti Nagal par 1.23 Km	Wild Ass Sanctuary : 14 km	Constru ction
18	SIA/GJ/MIN/ 2702/2015	Hadiya Chamanla I Karshan	182 P	Moti Nagalp ar/Anja r	kutch	03-00-00 (Existing)	3000 MT/ M	Moti Nagal par 1.06 KM	Wild Ass Sanctuary : 14 km	Constru ction
19	SIA/GJ/MIN/ 2711/2015	kara jakhra unnad	984 P	Anjar	kutch	04-00-00 (Existing)	3000 MT/ M	Anjar 1.04 KM	Wild Ass Sanctuary : 14 km	Constru ction
20	SIA/GJ/MIN/ 2734/2015	Kunverbe n Jayesh Patel	1122 P	Tramba u/Rapa r	kutch	04-36-36 (Existing)	1400 MT/ M	Tram bo 2.0 KM	Wild Ass Sanctuary : 4.0 km	Constru ction
21	SIA/GJ/MIN/ 2735/2015	Jayesh Bhanji Patel	1122 P	Tramba u/ Rapar	kutch	02-50-88 (Existing)	1400 MT/ M	Tram bo 2.0 KM	Wild Ass Sanctuary : 4.0 km	Constru ction
22	SIA/GJ/MIN/ 2746/2015	Ashok kumar arjanbhai patel	116 P	Kojach ora/Ma ndvi	kutch	01-00-00 (Existing)	1665 MT/ M	Kojac hora 1.54 KM	Kutch Wild Life sanctuary: 21 km	Constru ction
23	SIA/GJ/MIN/ 2747/2015	Arjanbhai pachanbh ai patel	116 P	Kojach ora/Ma ndvi	kutch	01-00-00 (Existing)	1665 MT/ M	Kojac hora 1.62 KM	Kutch Wild Life sanctuary: 15 km	Constru ction
24	SIA/GJ/MIN/ 2752/2015	Mavji dhanji	339/ 1/4 P	Bharap ar/	kutch	02-00-00 (Existing)	2000 MT/ M	Bhara par 2.6	Kutch Wild Life sanctuary:	Constru ction

		rabadiya		Bhuj			M	KM	21 km	
25	SIA/GJ/MIN/ 2974/2015	Khimji kalyan vekariya	639 Trave rs P	Keratal / Bhuj	kutch	04-00-00  (Existing)	1250 Mt/ M	Kera 2.7 Km	Kutch Wild Life sanctuary: 20 km	Constru ction
26	SIA/GJ/MIN/ 2976/2015	samay enterpris e	212 P	Nani Timbad i/Mund ra	kutch	07-57-73  (Existing)	2910 Mt/ M	Nani Tumb adi 2.9 KM	Kutch Wild Life sanctuary: 28 km	Constru ction
27	SIA/GJ/MIN/ 2977/2015	chhanga nandlal jivabhai	212 P	Nani Timbad i/Mund ra	kutch	06-51-84  (Existing)	2910 Mt/ M	Nani Tumb adi 2.85 KM	Kutch Wild Life sanctuary: 28 km	Constru ction
28	SIA/GJ/MIN/ 2983/2015	Ravji Govind Kerai	639 Trave rs P	Kera/B huj	kutch	04-00-00  (Existing)	1250 MT/ M	Kera 1.63 Km	Kutch Wild Life sanctuary: 20 km	Constru ction
29	SIA/GJ/MIN/ 2987/2015	shreeraj mahendr a pathak	327 P	Laxmip ar/ Nakhtr ana	kutch	02-13-00  (Existing)	1830 MT/ M	Laxmi par 1.52 Km	Chharidha ndh Bird Sanctuary : 18 km	Constru ction
30	SIA/GJ/MIN/ 2992/2015	Pir Taheraba nu Abdulsha	327 P	Laxmip ar/ Nakhtr ana	kutch	03-22-00  (Existing)	2080 MT/ M	Laxmi par 2.11 Km	Chharidha ndh Bird Sanctuary : 18 km	Constru ction

Shri M.D.Chaudhry, Geological Assistant, District: Kutch informed that proposal Nos: SIA/GJ/MIN/2771/2015, SIA/GJ/MIN/2734/2015 and SIA/GJ/MIN/2735/2015 are located within 05 km from the sanctuary. After deliberation, Committee asked geological assistant to reconfirm regarding the nearest aerial distance of the proposal Nos:SIA/GJ/MIN/2771/2015, SIA/GJ/MIN/2734/2015 and SIA/GJ/MIN/2735/2015 from the notified sanctuary and eco sensitive zone.It was decided by the committee that after submission of the said details,these proposals will be taken up in one of the upcoming SEAC meeting for further consideration.

Geological Assistant, District: Kutch further informed that national highway is located at 80 meter from the proposal No: SIA/GJ/MIN/2698/2015 and hence committee

unanimously decided to recommend the proposal for rejection to SEIAA. He further informed that proposal No: SIA/GJ/MIN/2145/2015 and proposal No: SIA/GJ/MIN/2500/2015 are identical.

Shri M.D.Chaudhry, Geological Assistant, District: Kutch informed the committee that above proposals (Except proposal Nos: SIA/GJ/MIN/2771/2015, SIA/GJ/MIN/2734/2015, SIA/GJ/MIN/2735/2015 and SIA/GJ/MIN/2698/2015) involve basalt removal through drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holders, the committee unanimously decided to recommend all the proposals (Except proposal Nos: SIA/GJ/MIN/2771/2015, SIA/GJ/MIN/2734/2015, SIA/GJ/MIN/2735/2015 and SIA/GJ/MIN/2698/2015) for grant of environmental clearance to SEIAA with stipulation of standard conditions for Non Sand mining as approved in 232nd SEAC meeting held on 15<sup>th</sup> April 2015.

#### **GRANITE MINING PROEJCTS, DIST: MEHSANA**

<b>Sr. no.</b>	<b>Proposal No.</b>	<b>Project Name</b>	<b>Minerals</b>	<b>District</b>
1	SIA/GJ/MIN/1276/2015	Sisodiya Laxmansinh Mahobatsinh	Granite	Mahesana

Assistant Geologist, District: Mehsana remained absent to represent above proposal before the committee. It was also noticed by the committee that hard copy of the above proposal could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

#### **SAND MINING PROJECTS, DIST: MEHSANA**

<b>Sr. no.</b>	<b>Proposal No.</b>	<b>Project Name</b>	<b>Minerals</b>	<b>District</b>
1	SIA/GJ/MIN/2930/2015	MURLIDHAR BRICKS	Sand	Mahesana

2	SIA/GJ/MIN/1103/2015	Rathod Desharajsinh Dilipsinh & Vaghela Pravinsinh Ranjitsinh	Sand	Mahesana
3	SIA/GJ/MIN/2806/2015	BALAJI BRICKS	Ordinary Sand	Mahesana
4	SIA/GJ/MIN/2828/2015	Ordinary Sand Mining 1.00.00 Hectares (Devaji Chhanaji Vanzara)	Ordinary Sand	Mahesana
5	SIA/GJ/MIN/2593/2015	Shiv bricks	Ordinary Sand	Mahesana
6	SIA/GJ/MIN/2930/2015	MURLIDHAR BRICKS	Sand	Mahesana
7	SIA/GJ/MIN/1103/2015	Rathod Desharajsinh Dilipsinh & Vaghela Pravinsinh Ranjitsinh	Sand	Mahesana
8	SIA/GJ/MIN/2806/2015	BALAJI BRICKS	Ordinary Sand	Mahesana
9	SIA/GJ/MIN/2828/2015	Ordinary Sand Mining 1.00.00 Hectares (Devaji Chhanaji Vanzara)	Ordinary Sand	Mahesana
10	SIA/GJ/MIN/2593/2015	Shiv bricks	Ordinary Sand	Mahesana

Assistant Geologist, District: Mehsana remained absent to represent above proposals before the committee. It was also noticed by the committee that hard copies of the above proposals could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer all the above proposals for further consideration in one of the upcoming SEAC meeting.

#### **ORDINARY CLAY MINING PROEJCTS, DIST:MEHSANA**

<b>Sr. no.</b>	<b>Proposal No.</b>	<b>Project Name</b>	<b>Minerals</b>	<b>District</b>
1	SIA/GJ/MIN/2869/2015	NEW SARKAR BRICKS	Ordinary Clay	Mahesana
2	SIA/GJ/MIN/	Kailash Bricks	Ordinary	Mahesana

	2707/2015		Clay	
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Assistant Geologist, District: Mehsana remained absent to represent above proposals before the committee. It was also noticed by the committee that hard copies of the above proposals could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer all the above proposals for further consideration in one of the upcoming SEAC meeting.

**ORDINARY SAND AND KANKAR MINING PROJECTS, DIST:MEHSANA**

Sr. no.	Proposal No.	Project Name	Minerals	District
1	SIA/GJ/MIN/2684/2015	Barot Jayeshbhai Yashvantlal	Ordinary Sand Kankar	Mahesana

Assistant Geologist, District: Mehsana remained absent to represent above proposal before the committee. It was also noticed by the committee that hard copy of the above proposal could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

**BLACK TRAP MINING PROJECTS, DIST: NAVSARI**

Sr. no.	Proposal No.	Project Name	Minerals	S NO	Vill, Taluka	Distri ct	Hectar e	Rate of minin g	Nearest Habitati on	Proposal use
1	SIA/GJ/MIN/2769 /2015	Faridaben Salimbhai Patel (Hill Stone Quarry)	Black Trap	Bloc k No. 2089 Pvt.	Alipore/ Chikhli	Navs ari	02-33-71 (Existi ng)	10000 0 MT/Year	Alipore 1.00 KM	Construct ion
2	SIA/GJ/MIN/2777 /2015	Salimbhai F.Patel	Black Trap	Bloc k No. 2089	Alipore/ Chikhli	Navs ari	02-90-36 (Existi ng)	15000 0 MT/Year	Alipore 1.00 KM	Construct ion



				Pvt(S r. No8 17 P)			ng)	ar		
3	SIA/GJ/MIN/2879 /2015	Maruti Metals	Black Trap	Bloc k No. 1642 Pvt.	Degam/ Chikhli	Navs ari	01-78- 57 (New)	10000 0 MT/Ye ar	Degam 1.00 KM	Construct ion

Shri Abhay Modi, Royalty Inspector, Dist:Navsari represented above proposals before the committee. He informed that proposal No: SIA/GJ/MIN/2777/2015 is located at 10m from the canal. Hence committee unanimously decided to recommend for rejection of the said proposal to SEIAA.

For the proposal No: SIA/GJ/MIN/2769/2015, it was observed by the committee that proposal is located near the Canal and asked district officer to submit the nearest aerial distance of canal from the outer periphery of the lease. Upon submission of the said details, committee decided to take up the proposal for further consideration in one of the upcoming SEAC meeting,.

Shri Abhay Modi informed the committee that proposal No: SIA/GJ/MIN/2879/2015 involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holder, the committee unanimously decided to recommend the proposal No: SIA/GJ/MIN/2879/2015 for grant of environmental clearance to SEIAA with stipulation of standard conditions for Non Sand mining as approved in 232nd SEAC meeting held on 15<sup>th</sup> April 2015

#### **BLACK TRAP MINING PROJECTS, DIST:PANCHMAHAL**

<b>Sr . n o.</b>	<b>Proposal No.</b>	<b>Project Name</b>	<b>Miner als</b>	<b>S NO</b>	<b>Vill,Talu ka</b>	<b>District</b>	<b>Hecta re</b>	<b>Rate of mini ng</b>	<b>Nearest Habitati on</b>	<b>Proposal use</b>
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1	SIA/GJ/MIN/ 2390/2015	Amrut Quarry c/o kamal patel	Black Trap	974/ 11	Pandyap ura Timba/ Godhra	Panchma hal	04- 79-55 (New)	3000 0 MT/ M	Timba 2 KM	Construct ion
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Shri M.K.Dave,Asst. Geologist,District: Panchmahal informed the committee that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, 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 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015

#### ORDINARY CLAY MINING PROJECTS, DIST: PATAN

Sr. no	Proposal No.	Project Name	S NO	Vill,Ta luka	Distri ct	Hectar e	Rate of mini ng	Nearest Habitati on	Proposal use
1	SIA/GJ/MIN/27 80/2015	Pappukha n Brick	27 P1,27 P2,27 P3, 27 P4	Kalan a/ Harij	Patan	03-07- 33 (Existi ng)	9000 MT/ M	Kalana 1.58 KM	Construct ion

Shri N.H.Patel,Surveyor,Dist: Patan mentioned that above project does not include blasting and mineral will be removed through open cast mining. It was also noticed that proposal does not involve intersection of ground water table. It was presented that arrangement of water sprinkling will be done during excavation and loading of mineral for transportation. No protected areas/Reserve Forest/Sanctuary exist within 10 Km radius of the proposed lease.Depth of mining will be restricted to 2 meter.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holders, the committee unanimously decided to recommend above proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with specific conditions mentioned in Office Memorandum of MoEF&CC, New Delhi dated 24<sup>th</sup> June 2013 for ordinary earth as under

1. The activity associated with borrowing/excavation of 'brick earth' and 'ordinary earth' for purpose of brick manufacturing, construction of roads, embankments etc. shall not involve blasting.
2. The borrowing/excavation activity shall be restricted to a maximum depth of 2m below general ground level at the site.
3. The borrowing/excavation activity shall be restricted to 2 m above the ground water table at the site.
4. The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
5. The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
6. Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
7. Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
8. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
9. Workers / labourers shall be provided with facilities for drinking water and sanitation.
10. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
11. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.

**BUILDING LIME STONE MINING PROEJCT, DIST: PORBANDAR**

Sr . no.	Proposal No.	Project Name	S NO	Vill, Taluka	District	Hect are	Rat e of mining	Neares t Habitat ion	Proposa l use
1	SIA/GJ/MIN/28	Building	37/1	Madhavpur/	Porba	01-	216	Madha	Constru

	51/2015	Limestone Mining of Atulbhai Rambhai Balas	,37/2 P,37/2P 2	Porbandar	ndar	00-00 (New)	00 MTP A	vpur 1.42 Km	ction
2	SIA/GJ/MIN/29880/2015	Building Lime Stone Mine Of Karubha Varjangbha i Jadiya			Porbandar				

Shri Gaurav Sokhadia, Mine Supervisor, Dist: Porbandar submitted hard copy of the proposal No: SIA/GJ/MIN/29880/2015. After verification, it was found incomplete and committee asked Mine Supervisor to submit application of EC duly signed by applicant along with associated documents and decided to take up the proposal in one of the upcoming SEAC meeting for further consideration

Shri Sokhadia, Mine Supervisor informed that proposal No: SIA/GJ/MIN/2851/2015 does not include blasting and mineral will be removed only with help of cutter machine. It was also noticed that the above project does not involve intersection of ground water table. It was presented that arrangement of water sprinkling will be done during cutting for control of fugitive emission. Mine Supervisor informed that High Tide Line from the outer periphery of the lease is located at 600 meter and hence CRZ Notification 2011 is not mappable.

During meeting, considering the proposed mitigation measures, the committee unanimously decided to recommend proposal No: SIA/GJ/MIN/2851/2015 for grant of environmental clearance to SEIAA with stipulation of standard conditions for Non Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015

#### **BLACK TRAP MINING PROJECT, DIST:RAJKOT**

Sr. no.	Proposal No.	Project Name	Minerals	District
467	SIA/GJ/MIN/2741/2015	Krishna Stone Crusher	Black Trap	Rajkot

Assistant Geologist, District: Rajkot remained absent to represent above proposal before the committee. It was also noticed by the committee that hard copy of the above proposal could not be submitted by the Asst. Geologist. Hence it was decided by the committee to defer the above proposal for further consideration in one of the upcoming SEAC meeting.

**GRANITE MINING PROJECTS, DIST: SABARKANTHA**

Sr. no	Proposal No.	Project Name	S NO	Vill, Taluka	District	Hectare	Rate of mining	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/2429/2015	SAVGA RH GRANITE MINE	62 P	Savgarh/Idar	Sabarkantha	04-00-00 (Existing)	100,800 TPA	Idar 1.80 KM	Construction
2	SIA/GJ/MIN/2435/2015	SAVGA RH GRANITE MINE			Sabarkantha				
3	SIA/GJ/MIN/2453/2015	SAVGA RH GRANITE MINE	157 P	Savgarh / Idar	Sabarkantha	02-00-00 (Existing)	75,180 TPA	Idar:3 km	Construction
4	SIA/GJ/MIN/2456/2015	IDAR GRANITE MINE	26/1/1	Idar	Sabarkantha	04-04-68 (New)	25,760 TPA	Idar:1.5km	Construction

Shri K.M.Patel, Geologist, Dist: Sabarkantha represented the aforesaid proposals. During scrutiny, it is observed that hard copy of the proposal No: SIA/GJ/MIN/2435/2015 found incomplete and committee asked geologist to submit application of EC duly signed by applicant along with associated documents and decided to take up the proposal in one of the upcoming SEAC meeting for further consideration.

Shri K.M.Patel, Geologist informed that proposal Nos: SIA/GJ/MIN/2429/2015, SIA/GJ/MIN/2453/2015 and SIA/GJ/MIN/2456/2015 include blasting which would be done only for removal of overburden by using short delay detonator to reduce ground vibration and mineral will be removed only with help of drill machine. It was also noticed that none of the above projects involves intersection of ground water table. It was presented that arrangement of water sprinkling will be done during cutting for control of fugitive emission. The Geologist informed that approved mining plans are yet to be submitted along with application of EC.

After presentation, Committee asked geologist to submit approved mining plan and measures to be taken after post closure of mining for the proposal  
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Nos:SIA/GJ/MIN/2429/2015, SIA/GJ/MIN/2453/2015 and SIA/GJ/MIN/2456/2015 and decided to take up proposals in one of the upcoming SEAC meeting for further consideration after submission of approved mining plan.

**SAND MINING PROJECTS,DIST: SABARKANTHA**

Sr . no .	Proposal No.	Project Name	S NO	Vill,Taluk a	District	Hecta re	Rate of mining	Name of River	Nearest Habitati on	Proposal use
1	SIA/GJ/MIN/2905/2015	Dinesh Laduji Vanzara	667 P	Rupal/Himatnagar	Sabar Kant ha	02-00-00 (Existing)	6750 MT/M	S NO: 667/p Govt land	Sanpad 2.00 KM	Construc tion
2	SIA/GJ/MIN/2906/2015	punjabhai Dharmabhai Vankar	Lagu Nadi Patt	Kukadia/Himatnagar	Sabar Kant ha	01-00-00 (Existing)	6750 MT/M	Ghuva	Himatn agar 7.44 KM	Construc tion
3	SIA/GJ/MIN/2907/2015	Punjabhai Dharmabhai Vankar	Lagu Nadi Patt	Sherpur/Himatnagar	Sabar Kant ha	00-61-60 (Existing)	6750 MT/M	Ghuva	Sanpad 2KM	Construc tion
4	SIA/GJ/MIN/2920/2015	Babubhai Bhikhabhai Patel	Lagu Nadi Patt	Madhva/lidar	Sabar Kant ha	01-00-00 (Existing)	6750 MT/M	Sabar mati	Sanpad 2.00 KM	Construc tion
5	SIA/GJ/MIN/2833/2015	Vinaysinh Baldevsinh Rathod	Opp S NO: 184,187	Vill:Patari a, Ta:ldar	Sabar Kant ha	01-00-00 (Existing)	1000 MTP M	Sabar mati	Pataria: 1.5 km	Construc tion

Shri K.M.Patel, Geologist, District: Sabarkantha informed that above proposals are located in the river beds of Sabarmati and Ghuva.He mentioned committee that Proposal No: SIA/GJ/MIN/2905/2015 is located at S NO: 667 p which is govt. Land. He further explained 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 holders have 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 K.M.Patel, submitted written confirmation mentioning that there will be no instream mining and sand mining will be done from dry river bed only.

After detailed deliberation and considering the mitigation measures proposed by the lease holders, Committee unanimously decided to recommend all 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 with specific condition of carrying out mining from dry river bed and there will be no instream mining.

#### SILICA SAND MINING SABARKANTHA

Sr. no	Proposal No.	Project Name	S NO	Vill,Taluka	District	Hectare	Rate of mining	Nearest Habitation	Proposed use
1	SIA/GJ/MIN/2598/2015	Alimiy a Imam ali	1612, 1644 P	Ilol/Himatnagar	Sabar Kantha	04-90-00 (Existing)	240 MT/M	Ilol 1.5 KM	Glass ind.
2	SIA/GJ/MIN/2915/2015	Alimiy a Imam ali	1612, 1644 P	Ilol/Himatnagar	Sabar Kantha	04-90-00 (Existing)	240 MT/M	Ilol 1.5 KM	Glass ind.
3	SIA/GJ/MIN/2979/2015	Moin Alimiy a Saiyed	1613,1644 P	Ilol/Himatnagar	Sabar Kantha	04-90-00 (Existing)	240 MT/M	Ilol 1.5 KM	Glass ind.

Shri K.M.Patel, Geologist, District: Sabarkantha represented the above proposals. He mentioned that proposals are located more than 500 meters away from the human habitation. Proposals include open cast mining with manual and semi mechanized method. Water sprinkling will be made to curb the fugitive emission due to vehicle movement, material handling and unloading of stacks. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. Above proposals do not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank – soak pit. Arrangement will be done to prevent contamination of surface runoff.

After discussion and detailed scrutiny and considering the proposed mitigation measures, Committee unanimously decided to recommend all the above proposals for grant of environmental clearance to SEIAA with stipulation of standard conditions for Non Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015

**SAND MINING PROJECTS, DIST: SURAT**

Sr. no.	Proposal No.	Project Name	S NO	Vill, Taluka	District	Hectare	Rate of mining	Name of River	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/2772/2015	Mrs. Sarojben Arvindbhai Solanki	165 & 167	Pipalvada /Mandvi	Surat	04-90-00 (New)	100000 MTPA	Tapi	Pipalvada 1.53 KM	Construction
2	SIA/GJ/MIN/2964/2015	Maheshbhai Vitthalbhai Hirpara	171,213,222 (129,136-139)	Ucharel/ Bardoli	Surat	03-50-00 (New)	36000 MTPA	Tapi	Ucharel 3.1 KM	Construction
3	SIA/GJ/MIN/2968/2015	Harunbhai Jamalbhai Agawan	Block No.455 to 469	Sampura/ Kamrej	Surat	04-50-00 (Existing)	25000 MTPA	Tapi	Sampura 3.1 KM	Construction

Shri D.K.Patel, Geologist, District: Surat informed that the above proposals are located in the river bed of Tapi. He informed that Proposal No: SIA/GJ/MIN/2772/2015 is for an instream mining. Committee after deliberation decided to recommend for rejection of Environmental Clearance to SEIAA for the said proposal.

Geologist during presentation informed that proposal Nos: SIA/GJ/MIN/2964/2015 and SIA/GJ/MIN/2968/2015 are located in Tapi 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. The committee observed that the lease holders have 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 D.K.Patel, Geologist submitted in project details mentioning that there will be no instream mining and sand mining will be done from dry river bed.



After detailed deliberation, committee asked geologist to resubmit confirmation regarding proposal Nos: SIA/GJ/MIN/2964/2015 and SIA/GJ/MIN/2968/2015 whether said lease areas are located in dry river bed or are under water ? and will it be an instream mining ? It was decided by the committee that after submission of said details, proposal Nos: SIA/GJ/MIN/2964/2015 and SIA/GJ/MIN/2968/2015 will be taken up in one of the upcoming SEAC meeting for further consideration.

#### BLACK TRAP MINING PROJECTS, DIST: SURAT

Sr . no .	Proposal No.	Project Name	S NO	Vill, Talu ka	Distri ct	Hectar e	Rate of minin g	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/2224/2015	Raj Stone Quarry (Kanubhai G. Patel)	32/1,32 /2 P	Areth/ Mandvi	Surat	02-85-28 (New)	18000 MT/Year	Areth 1.04 KM	Constructi on
2	SIA/GJ/MIN/34998/2015	Keshavji Devji & Sons	112 P	Selapur/ Mangrol	Surat	01-78-71 (Existing)	44000 MT/Year	Selarpore: 530 m	Constructi on

Shri D.K.Patel, Geologist, District: Surat informed the committee that mining method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

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

**CARBONACEOUS SHALE MINING PROEJCT,DIST:SURENDRANAGAR**

Sr. no.	Proposal No.	Project Name	S NO	Vill,Taluk a	Distric t	Hectare	Rate of mining	Nearest Habitation	Proposa l use
1	SIA/GJ/MIN/2658/2015	Sadulbhai Kathadbhai Jalu	87/20 Pvt. Land	Chandrel iya/ Than	Suren dranagar	02-02-34 (New)	2000 MT/M	Chandre liya 0.90 KM	For heating Brick kiln

Shri M.R.Vala, Asst.Geologist,Dist: Surendranagar presented the proposal before the Committee.During presentation,committee noticed that the lease area is located beyond 500 m distance from the nearest village / habitation. Blasting is not required for removal of carbonaceous shale. Asst Geologist, Dist: Surendranagar informed that mining does not involve intersection of ground water table. It was presented that water sprinkling at vulnerable places and plantation along the periphery and haul roads will be done for control of fugitive emission.He further informed that mining plan is submitted to CGM,Gandhinagar and its approval is awaited.

After presentation, Committee asked Asst. Geologist to submit mining plan for the above proposal along with all the pollution mitigation measures during operation and post operation of the above proposal. After submission of the said details, committee decided to take up the above proposal in one of the upcoming SEAC meeting for further consideration.

**BLACK TRAP MINING PROJECT, DIST: SURENDRANAGAR**

Sr . n o.	Proposal No.	Project Name	S N O	Vill,Taluka	District	Hecta re	Rate of mini ng	Nearest Habitati on	Proposal use
1	SIA/GJ/MIN/2942 /2015	Vanrajsinh Jashubha Solanki	84 7 P 2	Sudamda/S ayla	Surendran agar	01-78-06 (New)	8500 0 TPA	Sudamd a 2.40 KM	Construct ion
2	SIA/GJ/MIN/2965 /2015	JAYDEVBHAI RANCHHOD BHAI RABARI & OTHERS			Surendran agar				

Shri M.R.vala,Asst.Geologist,Dist: Surendranagar informed committee that hard copy of the proposal No: SIA/GJ/MIN/2965/2015 could not be submitted and requested committee to defer the proposal in one of the upcoming SEAC meeting for appraisal. After deliberation, committee asked geologist to submit all the proposals scheduled for appraisal in SEAC meeting in time to expedite the appraisal and decided to take up the above proposal in one of the upcoming SEAC meeting for further consideration.

Proposal NO: SIA/GJ/MIN/2942/2015 was represented by Shri M.R.Vala,Asst. geologist before the committee and informed that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holder, Committee unanimously decided to recommend the proposal No: SIA/GJ/MIN/2942/2015 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.

**SAND MINING PROJECT,DIST:TAPI**

Sr. no.	Proposal No.	Project Name	Minerals	District
1	SIA/GJ/MIN/28 92/2015	Mr. Udhdhavbhai Navalbhai Thakre	Sand	Tapi
2	SIA/GJ/MIN/28 15/2015	Mr. Udhdhavbhai Navalbhai Thakre	Sand	Tapi

Shri Hitesh Patel, Mine Supervisor, District: Tapi informed that letter of intent for the above proposals have not been granted and requested committee to delist these proposals. After deliberation, committee unanimously decided to delist the above proposals from pending list of EC applications of SEAC.

**BLACK TRAP MINING PROJECT, DIST:TAPI**

Sr. no.	Proposal No.	Project Name	S NO	Vill,Taluk a	District	Hectare	Rate of mining	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/2862/2015	Balaji Stone Quarry	48, Block No.46	Pakhran / Songadh	Tapi	01-40-00 (Existing)	120000 MTPA	Pakhran 1.1 KM	Construction
2	SIA/GJ/MIN/2940/2015	Giriraj Stone Quarry			Tapi				

Shri Hitesh Patel, Mine Supervisor, District: Tapi informed that letter of intent for the above proposal NO: SIA/GJ/MIN/2940/2015 has not been granted and requested committee to delist proposal. After deliberation, committee unanimously decided to delist the proposal No: SIA/GJ/MIN/2940/2015 from pending list of EC applications of SEAC

Shri Hitesh Patel, Mine Supervisor, District: Tapi informed that proposal No: SIA/GJ/MIN/2862/2015 is for basalt mining and method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holder, the committee unanimously decided to recommend the proposal No: SIA/GJ/MIN/2862/2015 for grant of environmental clearance to SEIAA with stipulation of standard conditions for Non Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015

## BLACK TRAP MINING VADODARA

Sr . no .	Proposal No.	Project Name	S NO	Vill,Talu ka	District	Hectare	Rate of mining	Nearest Habitation	Proposal use
1	SIA/GJ/MIN/2731/2015	New Giriraj Quarry Works	5 P	Tulsigam/ Savli	Vadodara	02-13-65 (Existing)	12500MT /M	Tulsigam 0.82 KM	Construction
2	SIA/GJ/MIN/2792/2015	Rudra Construction (Quarry Division)			Vadodara				
3	SIA/GJ/MIN/2717/2015	New Giriraj Quarry Works	69/ A P 2	Udalpur / Savli	Vadodara	01-00-00 (Existing)	6250 MT/M	Udalpur 0.91 KM	Construction
4	SIA/GJ/MIN/2727/2015	New Giriraj Quarry Works	5 P	Tulsigam/ Savli	Vadodara	01-00-00 (Existing)	6250 MT/M	Tulsigam 0.90 KM	Construction

Shri P.J.Bhavsar, Geologist, District: Vadodara informed the committee that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holders, the committee unanimously decided to recommend the proposal nos: SIA/GJ/MIN/2731/2015, SIA/GJ/MIN/2717/2015 and SIA/GJ/MIN/2727/2015 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.

Committee noticed that the hard copy of the proposal No: SIA/GJ/MIN/2792/2015 could not be submitted by the geologist and hence decided to defer the proposal for further consideration in one of the upcoming SEAC meeting after submission of hard copy of the proposal.

## **PROPOSALS SCHEDULED IN PREVIOUS SEAC MEETING AND DEFERRED.**

### **1. SAND MINING PROJECT, DIST : SURENDRANAGAR**

Sr. no.	Proposal No.	Project Name	S NO	Vill,Tal uka	District	Hecta re	Rate of mini ng	Nam e of Rive r	Nearest Habitati on	Proposal use
1	SIA/GJ/MIN/3648/2015	Govindb hai Bababh ai Patel	178	Gossan a/ Patdi	Surendran agar	02-70-00 (New)	3000 MT/M	Rup en	Gosana 0.6 KM	Construct ion

The above proposal was scheduled for appraisal in SEAC meeting held on 08-12-2015. During meeting, Shri M.R.Vala, Asst. Geologist, Dist: Surendranagar Informed that presentation for the proposal No: SIA/GJ/MIN/3648/2015 was not ready and requested committee to defer the presentation.

Shri M.R.Vala, Asst. Geologist, Dist: Surendranagar represented the above proposal before the committee. He informed that it is located in the river bed of Rupen and sand excavation will be done only from dry river bed. Rupen river is seasonal river. He also informed that there will not be an instream mining. It was also represented that no any bridge piers / water intake wells / irrigation structures exist within 500 m distance from boundary of any of above lease area.He explained that sand excavation will be done up to maximum 3 m depth or water level, whichever is less. The committee observed that the lease holder has proposed to leave adequate setback distance from the river bank so as to avoid chances of river bank erosion. Water sprinkling will be done during loading of material. All the transportation vehicles are proposed to be covered to avoid fugitive emission of fine particles.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holder, the 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 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015.

## 2. BLACK TRAP MINING PROJECT, DIST : VALSAD

Sr. no.	Proposal No.	Project Name	S NO	Vill, Taluka	Distri ct	Hectar e	Rate of mini ng	Nearest Habitatio n	Proposal use
1	SIA/GJ/MIN/1889/2015	Shree Krishna Stone Quarry	68/2 P 4	Sarigam/U mbergam	Valsa d	01-00-00 (Existi ng)	2600 MT/ M	Sarigam 0.61 KM	Construct ion
2	SIA/GJ/MIN/2516/2015	Rameshwar Stone Suppliers	81 P1	Punat/Umb ergaon	Valsa d	01-00-00 (Existi ng)	2500 MT/ M	Punat 0.47 KM	Construct ion
3	SIA/GJ/MIN/1513/2015	Shree Krishna Stone Quarry	69/1 P5,68/ 2 P4 P 1	Sarigam/U mbergam	Valsa d	00-80-22 (Existi ng)	2100 MT/ M	Sarigam 0.61 KM	Construct ion
4	SIA/GJ/MIN/1553/2015	Padma Stone Co.	826 P	Motapondh a/ Kaprada	Valsa d	00-96-30 (Existi ng)	1500 MT/ M	Motapon dha 2.30 KM	Construct ion
5	SIA/GJ/MIN/1415/2015	Kirankumar Mohanlal Desai	407/1 P	Karajgam/ Umbargaon	Valsa d	01-38-41 (Existi ng)	3600 MT/ M	Karajgam 0.65 KM	Construct ion

Above proposals were scheduled for appraisal in SEAC meeting held on 13-10-2015,20-10-2015,08-12-2015 and presentation could not be made before the committee and henceforth above proposals were deferred.

Shri S.M.Kopkar, Geoloigst, Dist: Valsad represented the above proposals before the committee. He informed that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposals do not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holders, committee unanimously decided to recommend the above proposals ( Except proposals No: SIA/GJ/MIN/2516/2015) for grant of environmental clearance to SEIAA with stipulation of standard conditions for Non Sand mining as approved in 232nd SEAC meeting held on 15<sup>th</sup> April 2015.

Committee noticed that the nearest human habitation from the proposal No: SIA/GJ/MIN/2516/2015 is village Punat at 470 meter and as proposed lease falls within 500 meter vicinity of the human habitation, committee unanimously decided to recommend for rejection proposal No: SIA/GJ/MIN/2516/2015 to SEIAA.

### 3. RIVERBED SAND MINING PROJECTS, DIST: SABARKANTHA

Sr. No	Proposal No.	Project Name	Sr. No. Village/Talu ka/Dist.	Area in Hectare	Rate of Mining	Name of the river	Distance of Nearest habitation	Proposal use
1	SIA/GJ/MIN/1218/2015	RATHOD BALUSI NH FATESI NH	S NO: 186/p Village:Sapad Ta: Prantij, Dist: Sabarkantha	01.11.28 New	80787 TPA	Revenue S NO: 186/p ( Pvt. Land)	0.85 km Sapad	Construction

During SEAC meeting held on 13.10.2015, Shri K KVyas, Royalty Inspector, Dist: Sabarkantha requested to defer the above proposal as presentation for the above proposal was not ready. Committee subsequently deferred the proposal.

Shri K.M.Patel, Geologist, Dist: Sabarkantha represented above proposal before the committee. He informed that proposal is located in the river bed of Sabarmati and sand excavation will be done only from dry river bed. Sabarmati river is a seasonal river. He also informed that there will not be an instream mining. It was also represented that no any bridge piers / water intake wells / irrigation structures exist within 500 m distance from boundary of any of above lease area. He explained that sand excavation will be done up to maximum 3 m depth or water level, whichever is less. The committee observed that the lease holder has proposed to leave adequate setback distance from the river bank so as to avoid chances of river bank erosion. Water sprinkling will be done during loading of material. All the transportation vehicles are proposed to be covered to avoid fugitive emission of fine particles.

After discussion and detailed scrutiny of the proposal, considering the mitigation measures proposed by the lease holder, the 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 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015.



#### 4. BLACKTRAP MINING PROJECTS, DIST: KUTCH

Sr. No.	Proposal No.	Project Name	Sr. No. Village/Talu ka/Dist.	Area in Hectare	Rate of Mining	Distance of Nearest habitation	Proposal use
1	SIA/GJ/MIN/1151/2015	RAGU GOVIND DANGAR	356/741/P Kali Ta:Bhuj, Dist: Kutch	1.00.00 Existing	7500 MTPM	Kali Talavdi: 2.3km	Construction

Above proposal was scheduled for appraisal during SEAC meeting held on 13.10.2015 and presentation for the above proposal could not be made by the district officer before the committee and therefore proposal was deferred.

Shri M. D. Chaudhry, Geological Assistant, Dist: Kutch represented the above proposal before the committee. He informed that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, 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 15<sup>th</sup> April 2015

#### 5. BLACKTRAP MINING PROJECT DIST: VALSAD

Sr. No.	Proposal No.	Project Name	Sr. No. Village/Talu ka/Dist.	Area in Hectare	Rate of Mining	Distance of Nearest habitation	Proposal use
1	SIA/GJ/MIN/1433/2015	<b>Shree Krishna Stone Quarry</b>	S NO: 68/2 paika-4, Vill: Sarigam, Ta: Umbergaon Dist: Valsad	1.00.00 Existing	32,000 MTPA	Sarigam: 0.61 km	Construction

Above proposal was scheduled for appraisal during SEAC meeting held on 03.11.2015 and presentation for the above proposal could not be made by the

district officer before the committee due to absence of district officer and proposal was deferred.

Shri S. M. Khopkar, Geologist, Dist: Valsad represented the above proposal before the committee. He informed that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, 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 15<sup>th</sup> April 2015.

## 6.0 BLACKTRAP MINING PROJECT DIST: BHARUCH

Sr. No	Proposal No.	Project Name	Sr. No. Village/Taluka/Dist.	Area in Hectare	Rate of Mining	Distance of Nearest habitation	Proposal use
1	SIA/GJ/MIN/2437/2015	SHAMBHUBHAI K DHOLIA	Block NO: 70, Vill:Petiya, Ta:Valiya Dist:Bharuch	4.00.00 New	1,00,000 MTPA	Sabariya:0.75 km	Construction

Above proposal was scheduled for appraisal during SEAC meeting held on 03.11.2015 and presentation for the above proposal could not be made by the district officer before the committee due to absence of district officer and proposal was deferred.

Shri J.K.Gor, Geological Assistant, Dist: Bharuch represented the above proposal before the committee. He informed that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. The proposal does not involve intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank– soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use

of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After discussion and detailed scrutiny of the proposal, 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 15<sup>th</sup> April 2015.

## **MAJOR MINERAL PROPOSAL**

### **1. Dedhrota Bauxite Mine. (Lease area: 20.00.00 Ha),Khasra No: 335/1 part, Village: Dedhrota,Tehsil: Himmatnagar,Dist:Sabarkantha ( Proposal No: SIA/GJ/MIN/2877/2015)**

It is a bauxite mining project having lease area: 20.00.00 Ha and located at Khasra No: 335/1 part, Village: Dedhrota, Tehsil: Himmatnagar, Dist:Sabarkantha.

Proposed production is 2,50,000 TPA of Bauxite. 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 highlights of the project showing lease renewal status,mine site details, photographs of mine site, proposed production for the next five years, features around the project, salient features of the project, method of mining, land use pattern of mining lease area, surface lay out plan and section,conceptual plan, Environmental management plan, disaster management plan etc.

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

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the areashould be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be givenwith information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.

- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and

fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.

- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
- 21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.
- 22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
- 23) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 26) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.

- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 29) Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 30) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 31) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 32) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 33) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 34) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 35) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
- 36) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 37) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 38) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.

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

IV. Beside above standard TORs, following additional TORs are recommended :

1. Project site specific details such as distance of the project site from nearest (1) Village (2) Water Body : River / Creek / Nallah / Lake / Pond / Reservoir / Canal (3) National Highway (4) State Highway (5) Railway line (6) Heritage site (7) National Park / Wild Life Sanctuary / Reserve Forest / Protected Forest shall be included in the rapid EIA report to be prepared covering one season (other than monsoon) data. A map indicating the aerial distance of the lease area from these entities.

2. Distance of nearby mining lease areas from the periphery of the proposed project including a map covering distance of 1 Km from the periphery of the proposed project. In case of no mining lease areas existing in the 500 m periphery of the proposed project, certificate of the concerned geologist in this regard.
3. Copies of all requisite permissions including permissions from District Collector, Commissioner of Geology & Mining, Indian Bureau of Mines, GPCB, current lease renewal status with copy of renewed lease (if any) etc. to be incorporated.
4. Approved mining plan including progressive mine closure plan shall be provided with EIA report. Letter of approval of IBM shall also be incorporated with compliance of all the recommendations mentioned in approved mining plan.
5. 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.
6. A study report for utilization of water accumulated in reservoir during operation phase and post mine closure phase and its associated environmental benefits.
7. Details of preventive measures to be taken for non occurrence of any fatal or non fatal accidents.
8. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report
9. Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.

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

## **ADDITIONAL AGENDA**

### **EC Amendment Proposal**

#### **(1) Sand Stone Mining Project, Dist.: Ahmedabad**

<b>Sr No.</b>	<b>Name of applicant</b>	<b>Location Address</b>	<b>Village, Taluka, District</b>	<b>Mineral</b>	<b>Lease Area in Hectare</b>	<b>Rate of mining in MTPA</b>
1	Ranabhai Bhayabhai Bambhaniya	S No: 86/p-2	Village: Gugaliyana, Ta:Chotila, Dist: Surendranagar	Sand Stone	01-29-50 New	22,000

Environmental Clearance for the above proposal was issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2464/2015. Project proponent has submitted an application on 17/12/2015 for correction in address in the Environmental Clearance.

Project proponent has mentioned that In application comprising Form 1, applicant has mentioned that actual address of the proposed lease is S NO: 68/P-2, Village:



Gugaliyana, Ta:Chotila, Dist: Surendranagar whereas in EC, it is mentioned as S NO: 86/P-2, Village: Gugaliyana, Ta:Chotila, Dist: Surendranagar.

Referring the application made in Form I by the applicant, committee confirmed address of the proposed lease as S NO: 68/P-2, Village: Gugaliyana, Ta:Chotila, Dist: Surendranagar and unanimously decided to recommend to SEIAA for amendment in Environmental Clearance order issued on 23/06/2015 vide letter No. SEIAA/GUJ/EC/1(a)/2464/2015 for correction in address of the proposed lease which shall be read as below.

Sr No.	Name of applicant	Location Address	Village, Taluka, District	Mineral	Lease Area in Hectare	Rate of mining
1	Ranabhai Bhayabhai Bambhaniya	S No: 68/P-2	Village: Gugaliyana, Ta:Chotila, Dist:Surendranagar	Sand Stone	01-29-50 New	22,000 MTPA

**(2) River Bed Sand Mining Project, Dist.:Rajkot**

Sr No.	Name of applicant	Lease Area in Hectare and type	Location	Survey Number	village	Ta	Rate of mining
1	Shyamkhatu Education & Charitable Trust	16-25-60 New	Bhadar River Bed	Bhadar Nadi Patt paiki	Talagana	Upleta	20,000 MTPM

Environmental Clearance for the above proposal was issued on 02/11/2015 vide letter No. SEIAA/GUJ/EC/1(a)/3987/2015. Project proponent has submitted an application on 02/01/2015 for correction in lease area in the Environmental Clearance.

Project proponent has mentioned that In EC application comprising Form 1, he has mentioned that lease area is 06-25-60 Ha whereas in EC issued, lease area mentioned is 16.25.60 Ha.

Referring to the application made in Form I by the applicant, committee confirmed that lease area of the proposed Sand mining project is 06-25-60 Ha. and unanimously decided to recommend to SEIAA for amendment in Environmental Clearance order issued on 02/11/2015 vide letter No. SEIAA/GUJ/EC/1(a)/3987/2015 for correction in lease area of the proposed sand mining project which shall be read as below.

Sr No.	Name of applicant	Lease Area in Hectare and type	Location	Survey Number	village	Ta	Rate of mining
1	Shyamkhatu Education & Charitable Trust	06-25-60 New	Bhadar River Bed	Bhadar Nadi Patt paiki	Talagana	Upleta	20,000 MTPM

### (3). BUILDING LIME STONE MINING PROJECT, DIST : PORBANDAR

Sno.	Propoal No.	Project Name	Survey No.	Vill.Ta	District	Hectera	ROM	Nearest Human Habitation	Nearest Sanctuary	Proposed Use
1	SIA/GJ/MIN/2507/2015	Vejabhai Karabhai & Jethabhai Parmar	15/1 P& 15/2 P	Pata, Porbandar	Porbandar	01-00-00 New	12000 MTPA	Pata 0.51 KM	Not existing within 10 km of the proposed lease	Construction

During SEAC meeting held on 08.12.2015, Shri Gaurav sokhadia, Mining Supervisor, Dist: Porbandar represented the above proposal. He informed that the above proposal does not include blasting and mineral will be removed only with help of cutter machine. It was also noticed that none of the above project involves intersection of ground water table. It was presented that arrangement of water sprinkling will be done during cutting for control of fugitive emission.

After presentation, committee asked geologist to submit details regarding confirmation for the nearest aerial distance of outer lease periphery from high tide line and human habitation and It was decided by the committee that after submission of the details, the above proposal No: SIA/GJ/MIN/2507/2015 will be considered in one of the upcoming SEAC meeting for further decision.

Geologist, Dist: Porbandar on 09-12-2015 submitted details of the above proposal mentioning that nearest human habitation from the above proposal is 510 meter, CRZ distance is 700 meter from the proposed lease.

After detailed deliberation committee noticed that above proposal is 700 meter away from the CRZ area and CRZ notification 2011 is not applicable and nearest human habitation from the proposed lease is 510 meter and 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 15<sup>th</sup> April 2015.

## **Referback proposal**

### **(4). BLACK TRAP MINING PROJECTS, DISTRICT: KHEDA**

<b>Sr. No</b>	<b>Name of Applicant</b>	<b>Lease Area in Hactare</b>	<b>Location Address</b>	<b>Villag e</b>	<b>Taluka</b>	<b>Rate of Mining</b>	<b>Nearest distance from human habitation</b>
1	Trambkeshwar quarry Works Pvt.Ltd.	1.00.00 Existing	Mahi Nadi Pat Paiki	Pali	Thasra	2500 mt/m	Pali:1.68 Km

Shri Kiran D. Chaudhry, Field Geologist, Dist: Kheda made presentation before seac on 16.06.2015 and informed the committee that method of basalt removal involves drilling, blasting, sizing of mineral, etc. Top soil will be stacked separately for green belt development whereas overburden will be removed, stacked and refilled in mined out pits. None of the proposal involves intersection of ground water table. No wastewater generation is envisaged from mining activities. Domestic wastewater will be disposed off through septic tank – soak pit. Arrangement will be made to prevent contamination of surface runoff. Proposed air pollution control measures include use of only controlled blasting, water sprinkling on haul roads, tree plantation in periphery and road sides, etc. It is proposed to convert mined out pits into water reservoirs.

After detailed deliberation, committee asked the Field Geologist to submit the written confirmation regarding location of the above lease areas falling in river bed or outside the river bed. Upon submission of the said details, committee decided to take up all the above mentioned proposals in one of the upcoming meeting for further decision.

On 21.08.2015, Asst. Geologist, Dist: Kheda submitted reply of aforementioned proposals which stated that the above proposal falls in Mahi river bed. The proposal was inadvertently recommended to SEIAA for grant of EC which was discussed in detail in the SEIAA meeting held on 28-09-2015. After deliberation, it was decided by SEIAA to referback the proposal to SEAC for re-examining the proposal with reference to location of lease area whether the said lease is located in river bed or it is bearing revenue survey number?

The above proposal was deliberated in SEAC meeting held on 05.01.2016 and it was noticed that the above proposal is located in river Mahi and therefore committee observed that proposal cannot be appraised properly unless a detailed study is conducted by recognized institution to assess impact of mining in river bed on physical characteristics like river stability, flood risk, environmental degradation, loss of habitat, decline in bio diversity, change/ alteration in river morphology and other associated environmental aspects along with approved mining plan. It was decided

by the committee to close the above proposal and decided that after submission of aforesaid detailed study report to the committee , proposals shall be considered for appraisal.

**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.Dr. V.K.Jain,Member, SEAC