

**MINUTES OF THE 331<sup>st</sup> MEETING OF THE STATE LEVEL EXPERT APPRAISAL COMMITTEE HELD ON 30/03/2017 AT COMMITTEE ROOM, GUJARAT POLLUTION CONTROL BOARD, GANDHINAGAR.**

The 331<sup>st</sup> meeting of the State Level Expert Appraisal Committee (SEAC) was held on 30<sup>th</sup> March 2017 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 R.J.Shah, Member, SEAC
4. Dr. Mayuri Pnadya, Member, SEAC
5. Dr. V.K.Jain, Member, SEAC.
6. Shri R.I.Shah, Member, SEAC

Sr. No	District	Gravel	River bed Sand	Total
1	Bharuch	-	4	4
2	Chotaudepur	-	3	3
3	Navsari	-	1	1
4	Narmada	2	-	2
5	Vadodara	-	1	1
Total		2	9	11

Above proposals of minor minerals which have been received by the SEAC from SEIAA, Gujarat were considered in the meeting for appraisal. Details of appraisal are as below:

**1. ORDINARY SAND MINING PROJECT, DIST: BHARUCH**

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/62789/2017	ROHITBHAI AMBALAL ODD	18,19,20 ne same, Narmada Nadi Pat	Mota Vasana	Jagadia	Bharuch	09-30-00 Ha New	45,840 MTPM	Mota Vasana: 0.54 km	Narmada	Construction

Shri Rohit Ambalal Odd, Project proponent with consultant remained present before the committee and represented above proposal. He informed that there is no bridge piers / water intake wells / irrigation structures within 500 m distance from boundary of above lease area. He explained that sand excavation will be done up to maximum 3 m depth. 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. PP informed that setback distance of 10 meter will be maintained from the river bank to prevent bank erosion. PP further mentioned that copy of mining plan under approval, prefeasibility report including mitigation measures to curb pollution and details regarding non applicability of cluster formation for homogeneous minerals validated by the Asst. geologist are submitted.

In project details, Asst. geologist has validated that lease area is in dry river bed and cluster applicability is not there as per MOEF&CC notification dtd. 01/07/2016

The above proposal falls under category B2 as per the amendment of EIA Notification 2016 dated 15/01/2016.

As per the approved mine plan, excavated sand will be redeposited in monsoon every year and each year, anticipated reserve will be almost same.

Considering the anticipated impacts of mining and mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with compliance of all the conditions mentioned in Sustainable sand mining management guidelines 2016 of MOEF&CC, New Delhi.

## 2. ORDINARY SOIL MINING PROJECT, DIST: BHARUCH

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/62385/2017	RANA INDRAVADAN GIRISHBHAI	1824/A paiki, Narmada Nadi Patt	Jambusar	Jambusar	Bharuch	05-99- 12 Ha New	1,00,000 MTPA	Jambusar: 3.97 km	Ordinary Soil	Construction

Shri Indravadan G Rana, project proponent along with their consultant represented the above proposal before the committee. It was mentioned that above proposal does not include blasting and mineral will be removed through open cast mining. Proposal does not involve intersection of ground water table. There will be no overburden generation. However if any over burden generate, it will be kept in corner of mining area and will be used for levelling of depth of excavated area. 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 1.5 meter. PP informed that Mining plan is approved. Representative of the project proponent mentioned that there is no applicability of cluster situation to the above lease.

Mined out pit will be reclaimed to its original state. Adequate green belt will be provided all along the periphery of the project. Only native tree species shall be planted in the periphery at interval of 3 m distance. The above proposal falls under category B2 as per the amended EIA Notification 2016.

After discussion and detailed scrutiny of the above proposal, considering the mitigation measures proposed by the lease holder, the committee unanimously decided to recommend 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 with specific conditions of not carrying out blasting and 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 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.

### 3. ORDINARY SAND MINING PROJECT, DIST: CHOTAUDEPUR

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/48303/2016	DHARA MINERALS AND MINES	Opp. to S NO201 to 191, orsang Nadi patt	Zankharpara	Sankhe da	Chotaudepur	10-00-00 Ha Existing	62,500 MTPM	Zankharpara:1.69 km	Orsang	Construction

Shri Paresh, Project proponent with their consultant remained present before the committee and represented above proposal. He informed that there is no bridge piers / water intake wells / irrigation structures within 500 m distance from boundary of above lease area. He explained that sand excavation will be done up to maximum **1.5 m** depth. 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. PP informed that setback distance of 10 meter will be maintained from the river bank to prevent bank erosion. PP further mentioned

that copy of approved mining plan, prefeasibility report including mitigation measures to curb pollution and details regarding non applicability of cluster formation for homogeneous minerals validated by the Asst. geologist are submitted.

In project details, Asst. geologist has validated that lease area is in dry river bed and there is no instream mining. It is further mentioned that cluster situation is not applicable to the proposed lease. The above proposal falls under category B2 as per the amendment of EIA Notification 2016 dated 15/01/2016.

As per the approved mine plan, excavated pit will be redeposited with sand during monsoon every year after flood in river and each year, anticipated reserve will be almost same.

Considering the anticipated impacts of mining and mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with compliance of all the conditions mentioned in Sustainable sand mining management guidelines 2016 of MOEF&CC, New Delhi.

#### 4. ORDINARY SAND MINING PROJECT, DIST: CHOTAUDEPUR

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/62054/2017	ARVIND DHULABHAI PATEL	20 paiki 20 ne lagu	Suskal	Pavi Jetpur	Chotaudepur	06-85-00 Ha New	3,50,000 MTPA	Suskal:0.550 km	Orsang	Construction

Shri Arvind D Patel, Project proponent with their consultant remained present before the committee and represented above proposal. He informed that there is no bridge piers / water intake wells / irrigation structures within 500 m distance from boundary of above lease area. He explained that sand excavation will be done up to maximum 3.0 m depth. 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. PP informed that setback distance of 10 meter will be maintained from the river bank to prevent bank erosion. PP further mentioned that copy of approved mining plan, prefeasibility report including mitigation measures to curb pollution and details regarding non applicability of cluster formation for homogeneous minerals validated by the Asst. geologist are submitted.

In project details, Asst. geologist has validated that lease area is in dry river bed and cluster applicability is not there as per MOEF&CC notification dtd. 01/07/2016

The above proposal falls under category B2 as per the amendment of EIA Notification 2016 dated 15/01/2016.

As per approved mine plan, during rainy season, catchment water flows in the river. During dry period, the sand is excavated which gets replenished to about 60% during the rainy period. No mining activities are proposed during rainy season.

Considering the anticipated impacts of mining and mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with compliance of all the conditions mentioned in Sustainable sand mining management guidelines 2016 of MOEF&CC, New Delhi.

#### 5. ORDINARY SAND MINING PROJECT, DIST: CHOTAUDEPUR

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/61311/2016	PATEL ARPANBHAI ASHOKBHAI	472,252 Purna nadi patt	Viraval	Navsari	Navsari	07-50-00 Ha Existing	3,00,000 MTPA	Viraval: 0.550 km	Purna	Construction

Shri Arpanbhai Ashokbhai Patel, Project proponent with their consultant remained present before the committee and represented above proposal. He informed that there is no bridge piers / water intake wells / irrigation structures within 500 m distance from boundary of above lease area. He explained that sand excavation will be done up to maximum 1.5 m depth. 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. PP informed that setback distance of 10 meter will be maintained from the river bank to prevent bank erosion. PP further mentioned that copy of approved mining plan, prefeasibility report including mitigation measures to curb pollution and details regarding non applicability of cluster formation for homogeneous minerals validated by the Asst. geologist are submitted.

In project details, Asst. geologist has validated that lease area is in dry river bed and cluster applicability is not there as per MOEF&CC notification dtd. 01/07/2016

The above proposal falls under category B2 as per the amendment of EIA Notification 2016 dated 15/01/2016.

As per the approved mine plan, excavated sand will be redeposited in monsoon every year and each year, anticipated reserve will be almost same.

Considering the anticipated impacts of mining and mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with compliance of all the conditions mentioned in Sustainable sand mining management guidelines 2016 of MOEF&CC, New Delhi.

#### 6. ORDINARY SAND MINING PROJECT, DIST: BHARUCH

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/62788/2017	Manharbhai	282,283, 284 ne	Motavasa	Jhagadia	Bharuch	08-88-63	5,00,000	Mota Vasana:0.	Narmada	Construction

	Nageenbhai Odd	same Narmada nadi patt				New	MTPA	550 km		
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Shri Manharbhai Nageenbhai Odd, Project proponent with their consultant remained present before the committee and represented above proposal. He informed that there is no bridge piers / water intake wells / irrigation structures within 500 m distance from boundary of above lease area. He explained that sand excavation will be done up to maximum 3.0 depth. 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. PP informed that setback distance of 10 meter will be maintained from the river bank to prevent bank erosion. PP further mentioned that copy of approved mining plan, prefeasibility report including mitigation measures to curb pollution and details regarding non applicability of cluster formation for homogeneous minerals validated by the Asst. geologist are submitted.

In project details, Asst. geologist has validated that lease area is in dry river bed and cluster applicability is not there as per MOEF&CC notification dtd. 01/07/2016

The above proposal falls under category B2 as per the amendment of EIA Notification 2016 dated 15/01/2016.

As per the approved mine plan under approval, excavated sand will be redeposited in monsoon every year and each year, anticipated reserve will be almost same.

Considering the anticipated impacts of mining and mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with compliance of all the conditions mentioned in Sustainable sand mining management guidelines 2016 of MOEF&CC, New Delhi.

## 7. ORDINARY SAND MINING PROJECT, DIST: CHOTAUDEPUR

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mine	Proposed Use
SIA/GJ/MIN/63147/2017	Iqbalhussain N. Sindhi	86/1,86/2,89/1,90 to 93/1 ne lagu	Vanta	Pavijetpur	Chotaudepur	10-00-00 Existin g	5,50,000 MTPA	Vanta: 0.545 km	Orsang	Constructi on

Shri Iqbalhussain Sindhi, Project proponent with their consultant remained present before the committee and represented above proposal. He informed that there is no bridge piers / water intake wells / irrigation structures within 500 m distance from boundary of above lease area. He explained that sand excavation will be done up to maximum 3.0 m depth. 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. PP informed that setback distance of 10 meter will be maintained from the river bank to prevent bank erosion. PP further mentioned that copy of approved mining plan, prefeasibility report including mitigation

measures to curb pollution and details regarding non applicability of cluster formation for homogeneous minerals validated by the Asst. geologist are submitted.

In project details, Asst. geologist has validated that lease area is in dry river bed and cluster applicability is not there as per MOEF&CC notification dtd. 01/07/2016

The above proposal falls under category B2 as per the amendment of EIA Notification 2016 dated 15/01/2016.

As per the approved mine plan, excavated sand will be redeposited in monsoon every year and each year, anticipated reserve will be almost same.

Considering the anticipated impacts of mining and mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with compliance of all the conditions mentioned in Sustainable sand mining management guidelines 2016 of MOEF&CC, New Delhi.

#### 8. ORDINARY SAND MINING PROJECT, DIST: BHARUCH

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mine	Proposed Use
SIA/GJ/MIN/63165/2017	Rakeshbhai Gemabhai Ode	345-349 near Narmada nadi Patt	Tarsali	Jhagadia	Bharuch	07-00-00 Existing	3,50,000 MTPA	Tarsali: 0.701 km	Narmada	Construction

Shri Rakeshbhai Gemabhai Ode, Project proponent with their consultant remained present before the committee and represented above proposal. He informed that there is no bridge piers / water intake wells / irrigation structures within 500 m distance from boundary of above lease area. He explained that sand excavation will be done up to maximum 3.0 m depth. 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. PP informed that setback distance of 10 meter will be maintained from the river bank to prevent bank erosion. PP further mentioned that copy of approved mining plan, prefeasibility report including mitigation measures to curb pollution and details regarding non applicability of cluster formation for homogeneous minerals validated by the Asst. geologist are submitted.

In project details, Asst. geologist has validated that lease area is in dry river bed and cluster applicability is not there as per MOEF&CC notification dtd. 01/07/2016

The above proposal falls under category B2 as per the amendment of EIA Notification 2016 dated 15/01/2016.

As per the approved mine plan, excavated sand will be redeposited in monsoon every year and each year, anticipated reserve will be almost same.

Considering the anticipated impacts of mining and mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with compliance of all the conditions mentioned in Sustainable sand mining management guidelines 2016 of MOEF&CC, New Delhi.

#### 9. GRAVEL MINING PROJECT, DIST: NARMADA

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/63173/2017	Poicha Gravel Quarry Permit (Lesse: RKC Infrabuilt Pvt. Limited)	SNO: 296 ne lagu Narmada nadi Patt	Poicha	Nandod	Narmada	10-00-00 Quarry Permit	37000 MTPM	Poicha:1.60 km	Narmada (Gravel Mining)	Construction

Shri Y.A.Waghela, Project proponent with their consultant remained present before the committee and represented above proposal. He informed that there is no bridge piers / water intake wells / irrigation structures within 500 m distance from boundary of above lease area. He explained that sand excavation will be done up to maximum 3.0m depth. 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. PP informed that setback distance of 10 meter will be maintained from the river bank to prevent bank erosion. PP further mentioned that copy of mining plan, prefeasibility report including mitigation measures to curb pollution and details regarding non applicability of cluster formation for homogeneous minerals validated by the Asst. geologist are submitted.

In project details, Asst. geologist has validated that lease area is in dry river bed and cluster applicability is not there as per MOEF&CC notification dtd. 01/07/2016  
The above proposal falls under category B2 as per the amendment of EIA Notification 2016 dated 15/01/2016.

As per the approved mine plan under approval, excavated mineral will be redeposited in monsoon every year and each year, anticipated reserve will be almost same.

Considering the anticipated impacts of mining and mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with compliance of all the conditions mentioned in Sustainable sand mining management guidelines 2016 of MOEF&CC, New Delhi.



## 10. GRAVEL MINING PROJECT, DIST: NARMADA

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/63174/2017	Gansinda gravel Quarry Permit (Lessee: RKC Infrabuilt Pvt. Limited)	SNO: 71,76 to 88 ne lagu Narmada nadi Patt	Gansinda	Tilakwada	Narmada	20-00-00 Quarry Permit	74000 MTPM	Gansinda:1.75 km	Narmada (Gravel Mining)	Construction

Shri Y.A.Waghela, Project proponent with their consultant remained present before the committee and represented above proposal. He informed that there is no bridge piers / water intake wells / irrigation structures within 500 m distance from boundary of above lease area. He explained that sand excavation will be done up to maximum 3.0 m depth. 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. PP informed that setback distance of 10 meter will be maintained from the river bank to prevent bank erosion. PP further mentioned that copy of mining plan under approval, prefeasibility report including mitigation measures to curb pollution and details regarding non applicability of cluster formation for homogeneous minerals validated by the Asst. geologist are submitted.

In project details, Asst. geologist has validated that lease area is in dry river bed and cluster applicability is not there as per MOEF&CC notification dtd. 01/07/2016. The above proposal falls under category B2 as per the amendment of EIA Notification 2016 dated 15/01/2016.

As per the proposed post closure mine plan under approval, excavated sand will be redeposited in monsoon every year and each year, anticipated reserve will be almost same.

Considering the anticipated impacts of mining and mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with compliance of all the conditions mentioned in Sustainable sand mining management guidelines 2016 of MOEF&CC, New Delhi.

## 11. RIVER BED SAND MINING PROJECT, DIST: VADODARA

Proposal No.	Name of applicant	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Proposed Use	Proposal No.
SIA/GJ/MIN/60502/2017	Ranjeet Rupaji Vanzara	Opp SNO:35 1/1 on Mahi river	Natwernagar	Savli	Vadodara	5-50-00 New	12,000 MTPM	Bhadarva: 1.50 km	Mahi	Construction

Shri R.S.Vanzara, Project proponent with their consultant remained present before the committee and represented above proposal. He informed that there is no bridge piers / water intake wells / irrigation structures within 500 m distance from boundary of above lease area. He explained that sand excavation will be done up to maximum 2.0 m depth. 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. PP informed that setback distance of 10 meter will be maintained from the river bank to prevent bank erosion. PP further mentioned that copy of mining plan under approval, prefeasibility report including mitigation measures to curb pollution and details regarding non applicability of cluster formation for homogeneous minerals validated by the Asst. geologist are submitted.

In project details, Asst. geologist has validated that lease area is in dry river bed and cluster applicability is not there as per MOEF&CC notification dtd. 01/07/2016  
The above proposal falls under category B2 as per the amendment of EIA Notification 2016 dated 15/01/2016.

As per the proposed post closure mine plan under approval, excavated sand will be redeposited in monsoon every year and each year, anticipated reserve will be almost same.

Considering the anticipated impacts of mining and mitigation measures proposed by the lease holder, committee unanimously decided to recommend the proposal for grant of environmental clearance to SEIAA with stipulation of standard conditions for Sand mining as approved in 232<sup>nd</sup> SEAC meeting held on 15<sup>th</sup> April 2015 with compliance of all the conditions mentioned in Sustainable sand mining management guidelines 2016 of MOEF&CC, New Delhi.

## **MAJOR MINERAL MINING PROPOSALS**

### **1. Tenpur Bauxite Mine, In Majham river, Village:Tenpur,Ta:Bayad,Dist: Arvalli,(Lease Area: 2-05 Ha),Proposal NO: SIA/GJ/MIN/17875/ 2017).**

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
SIA/GJ/MIN/17875/2017	Tenpur Bauxite Mine	In Majham river	Tenpur	Bayad	Arvalli	2.05 Ha Existing	1,00,000 MTPA	Tenpur: 3.5 km	Bauxite

The project proponent has applied for obtaining EC for Bauxite mine (Lease Area: 2-05 Ha) located in Majham river bed, Vill: Tenpur, Ta: Bayad, Dist: Arvalli for production of 1,00,000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included details of mine lease executed, related to surrounding entities, google image of site, environmental sensitivity, geology of area, details of

terrain and drainage, resource requirement of project, process of mining, mining details and environmental management plan etc.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter 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 from Industries and Mine department, Government of Gujarat with opinion of the district geologist regarding compliance of all the conditions in lease deed and 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. Detailed impact study report to assess impact of mining in river bed on physical characteristics like river stability, prevention of bank erosion, flood risk, environmental degradation, loss of habitat, decline in bio diversity, change/ alteration in river morphology and other associated environmental impacts and associated mitigation measures.

#### Validity of ToR:

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

**2. Ambaliyara Bauxite Mine, In Majham river, Vill:Ambaliyara,Ta:Bayad,Dist:Arvalli (Lease Area: 02-00-00 Ha), (Proposal NO: SIA/GJ/MIN/17880/ 2017).**

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
SIA/GJ/MIN/17880/2017	Ambaliyara Bauxite Mine	In Majham river	Ambaliyara	Bayad	Arvalli	2.00 Ha	9660MTPA	Ambaliyara: 1 km	Bauxite

The project proponent has applied for obtaining EC for Bauxite mine (Lease Area: 2-00 Ha) located in Majham river bed, Vill: Ambaliyara, Ta: Bayad, Dist: Arvalli for production of 9660 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included details of mine lease executed, related to surrounding entities, google image of site, environmental sensitivity, geology of area, details of terrain and drainage, resource requirement of project, process of mining, mining details and environmental management plan etc.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter periphery of the proposed project, certificate of the concerned geologist in this regard.
3. Study report and mitigation measures to prevent impact of mining on check dam located within 500 meter from the outer periphery of the mine along with compliance of order of Honorable Gujarat High court.
4. Copies of all requisite permissions including permissions from District Collector, Commissioner of Geology & Mining, Indian Bureau of Mines, GPCB, current lease renewal status from Industries and Mine department, Government of Gujarat with opinion of the district geologist regarding compliance of all the conditions in lease deed and copy of renewed lease (if any) etc. to be incorporated.
5. 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.

6. Detailed impact study report to assess impact of mining in river bed on physical characteristics like river stability, prevention of bank erosion, flood risk, environmental degradation, loss of habitat, decline in bio diversity, change/ alteration in river morphology and other associated environmental impacts and associated mitigation measures.

Validity of ToR:

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

**3. Saurashtra Calcine bauxite and Allied Industries Limited,(Lease Area: 10-19-81 Ha), S NO: 415/P, Vill: Lamba,Ta: Kalyanpur,Dist: Devbhumidwarka(Proposal NO: SIA/GJ/MIN/18082/ 2017).**

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
SIA/GJ/MIN/18082/2017	Saurashtra Calcine Bauxite And Allied Industries Limited	415/P	Lamba	Kalyanpur	Devbhumi Dwarka	10-19-81 Ha	299265 MTPA	Lamba: 2.95 km	Bauxite

Project proponent applied for Bauxite mine (Lease Area: 10-19-81 Ha)located at S NO: 415/P, Vill: Lamba, Ta: Kalyanpur, Dist: Devbhumi dwarka production of 2,99,265 MTPA.The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included details of mine lease executed, related to surrounding entities, google image of site, environmental sensivity, geology of area,details of terrain and drainage, resource requirement of project, process of mining, mining details and environmental management plan etc.

Committee noted that natural drain is passing nearby the lease area and asked PP to take all measures to prevent hindrance to the flow of water through the natural drain.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter 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 from Industries and Mine department, Government of Gujarat with copy of renewed lease 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 measures to prevent hindrance and contamination to the water flow in the natural drain passing nearby the proposed lease.

Validity of ToR:

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

**4. Saurashtra Calcine bauxite and Allied Industries Limited,(Lease Area: 05-49-35 Ha), S NO: 415/1-P, Vill: Lamba, Ta: Kalyanpur, Dist: Devbhumi dwarka (Proposal NO: SIA/GJ/MIN/18084/ 2017)**

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
SIA/GJ/MIN/18084/2016	Saurashtra Calcine Bauxite And Allied Industries Limited	415/1-P	Lamba	Kalyanpur	Devbhumi Dwarka	05-49-35 Ha	223975 MTPA	Lamba: 0.90 km	Bauxite

Project proponent applied for Bauxite mine (Lease Area: 05-49-35 Ha) located at S NO: 415/1-P, Vill: Lamba, Ta: Kalyanpur, Dist: Devbhumi dwarka for production of 2,23,975 MTPA.

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

The technical presentation of the project included details of mine lease executed, related to surrounding entities, google image of site, environmental sensitivity, geology of area, details of terrain and drainage, resource requirement of project, process of mining, mining details and environmental management plan etc.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter 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 from Industries and Mine department, Government of Gujarat with copy of renewed lease 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.

Validity of ToR:

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

**5. Maheshkumar C Maheta And Kirit C Maheta And Late Shri Chimanlal H. Maheta ,(Lease Area: 05-00-00 Ha), S NO: 30-old,732 New(Part),Vill: Ran,Ta: Kalyanpur, Dist: Devbhumi dwarka(Proposal NO: SIA/GJ/MIN/18086/ 2016).**

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
SIA/GJ/MIN/18086/2016	Maheshkumar C Maheta And Kirit C Maheta And Late Shri Chimanlal H. Maheta	30 Old/ 732 New(Part)	Ran	Kalyanpur	Devbhumi dwarka	05-00-00 Ha	25000 MTPA	Ran: 2.10 km	Limestone & Bauxite

Project proponent applied for Bauxite & Limestone mine (Lease Area: 05-00-00 Ha) located at S NO: 30 old,732 New(Part), Vill: Ran,Ta: Kalyanpur, Dist:Devbhumi dwarka for production of 25,000 MTPA..The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included details of mine lease executed,related to surrounding entities,google image of site, environmental sensitivity, geology of area,details of terrain and drainage,resource requirement of project,process of mining, mining details and environmental management plan etc.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter 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 from Industries and Mine department, Government of Gujarat with copy of renewed lease 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.



### Validity of ToR:

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

### **6. Minerals and Mineral Corporation,(Lease Area: 01-58-84 Ha), S NO: 419(P),Vill: Ran,Ta:Kalyanpur, Dist: Devbhumi dwarka (Proposal NO: SIA/GJ/MIN/18087/ 2016).**

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
SIA/GJ/MIN/18087/2016	Minerals And Mineral Corporation	419(P)	Ran	Kalyanpur	Devbhumi dwarka	01-58-84 Ha	15000 MTPA	Ran 3.60 km	Bauxite

Project proponent applied for their bauxite mine (Lease Area: 01-58-84 Ha)located at S NO: 419(P),Vill: Ran,Ta: Kalyanpur, Dist:Devbhumi dwarka for production of 15,000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included details of mine lease executed,related to surrounding entities,google image of site,environmental sensitivity, geology of area,details of terrain and drainage,resource requirement of project,process of mining, mining details and environmental management plan etc.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter 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 from Industries and Mine department, Government of Gujarat with copy of renewed lease 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.

Validity of ToR:

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

**7. Minerals and Mineral Corporation,(Lease Area: 01-30-51 Ha), S NO: 421,Vill: Ran,Ta:Kalyanpur, Dist: Devbhumidwarka (Proposal NO: SIA/GJ/MIN/18095/ 2016)**

Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
SIA/GJ/MIN/18095/2016	Minerals And Mineral Corporation	421	Ran	Kalyanpur	Devbhumi dwarka	01-30-51 Ha	20000 MTPA	Ran 3.61 km	Bauxite

Project proponent applied for Bauxite mine (Lease Area: 01-30-51 Ha)located at S NO: 421, Vill:Ran, Ta:Kalyanpur,Dist: Devbhumi dwarka for production of 20,000 MTPA.The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included details of mine lease executed,related to surrounding entities,google image of site,environmental sensivity, geology of area,details of terrain and drainage,resource requirement of project,process of mining, mining details and environmental management plan etc.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter 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 from Industries and Mine department, Government of Gujarat with copy of renewed lease 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.

Validity of ToR:

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

**8. Minerals and Mineral Corporation, (Lease Area: 01-21-41 Ha), S NO: 171(P), Vill: Ran, Ta: Kalyanpur, Dist: Devbhumidwarka (Proposal NO: SIA/GJ/MIN/18096/ 2016)**

Sr No	Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
8	SIA/GJ/MIN/18096/2016	Minerals And Mineral Corporation	171(P)	Nandana	Kalyanpur	Devbhumi dwarka	01-21-41 Ha	15000 MTPA	Nandana: 2.70 km	Bauxite

Project proponent applied for their Bauxite mine (Lease Area: 01-21-41 Ha) located at S NO: 171(P), Vill: Nandana, Ta: Kalyanpur, Dist: Devbhumi dwarka for production of 15,000 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included details of mine lease executed, related to surrounding entities, google image of site, environmental sensitivity, resource requirement of project, process of mining, mining details and environmental management plan etc.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter 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 from Industries and Mine department, Government of Gujarat with copy of renewed lease 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.

Validity of ToR:

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

**9. Pratapsingh Abhalbhai Mori, (Lease Area: 12-67-67 Ha), S NO: on govt. waste land, 114 B, Vill: Chhelana, Ta: Jafarabad, Dist: Amreli (Proposal NO: SIA/GJ/MIN/18478/ 2017).**

Sr No	Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
9	SIA/GJ/MIN/18478/ 2017	Pratapsingh Abhalbhai Mori	on Govt. Waste land, 114 B	Chhelana	Jafarabad	Amreli	12-67-67 Ha	1,87,605 MTPA	Chhelana: 0.51 km	Bauxite

Project proponent applied for Bauxite mine (Lease Area: 12-67-67 Ha) located at S NO: on Govt. waste land, 114 B, Vill: Chhelana, Ta: Jafarabad, Dist: Amreli for production of 1,87,605 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included details of mine lease executed, related to surrounding entities, google image of site, environmental sensitivity, geology of area, details of terrain and drainage, resource requirement of project, process of mining, mining details and environmental management plan etc.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter 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 from Industries and Mine department, Government of Gujarat with copy of renewed lease 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.

#### Validity of ToR:

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

**10. Tushar Mineral Industries,(Lease Area: 1-00-00 Ha), S NO: 341/P,Vill: Mewasa,Ta:Kalyanpur,Dist: Devbhumidwarka(Proposal NO: SIA/GJ/MIN/18103/2016).**

Sr No	Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
10	SIA/GJ/MIN/18103/2016	Tushar Mineral Industries	341/P	Mewasa	Kalyanpur	Devbhumi Dwarka	01-00-00 Ha	5600 MTPA	Mewasa: 2.36 km	Bauxite

Project proponent applied for Bauxite mine (Lease Area: 01-00-00 Ha)located at S NO: 341/P,Vill: Mewasa,Ta:Kalyanpur,Dist: Devbhumidwarka for production of 5600 MTPA.The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included details of mine lease executed,related to surrounding entities,google image of site,environmental sensivity, geology of area,details of terrain and drainage,resource requirement of project,process of mining, mining details and environmental management plan etc.

Committee noted that the proposal was considered under violation of EIA Notification 2006. Regional Officer,GPCB,Jamnagar filed a case vide case no: 540/2016.Principal Civil Judge & J.M.F.C.Court,Jamnagar accordingly disposed the case vide order dated 21/02/2017.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter 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 from Industries and Mine department, Government of Gujarat with copy of renewed lease 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.

### Validity of ToR:

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

### **11. Tushar Mineral Industries,(Lease Area: 4-36-05 Ha), S NO: 154/P,156,157/P,Vill: Mewasa,Ta:Kalyanpur,Dist: DevbhumiDwarka(Proposal NO: SIA/GJ/MIN/18107/2016).**

Sr No	Proposal No	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the mineral
11	SIA/GJ/MIN/18107/2016	Tushar Mineral Industries	154/P,156,157/P	Mewasa	Kalyanpur	Devbhumi Dwarka	04-36-05 Ha	13,680 MTPA	Mewasa: 2.09 km	Bauxite

Project proponent applied for bauxite mine (Lease Area: 04-36-05 Ha) located at S NO: 154/P,156,157/P, Vill:Mewasa, Ta: Kalyanpur, Dist:Devbhumi dwarka for production of 13,680 MTPA. The proposal falls in project / activity no. 1(a) of the Schedule of the EIA Notification, 2006 and as the lease area is less than 50 Hectares, it falls under category B.

The technical presentation of the project included details of mine lease executed,related to surrounding entities,google image of site,environmental sensivity, geology of area,details of terrain and drainage,resource requirement of project,process of mining, mining details and environmental management plan etc.

Committee noted that the proposal was considered under violation of EIA Notification 2006. Regional Officer,GPCB,Jamnagar filed a case vide case no: 541/2016.Principal Civil Judge & J.M.F.C.Court,Jamnagar accordingly disposed the case vide order dated 21/02/2017.

After detailed deliberation, considering the scale of project, Proposal is categorized as "B1" and committee unanimously decided to recommend Standards TOR as per **Annexure I** for the EIA study to be done considering 10 Km radius from the periphery of the mine lease area including following additional TOR to SEIAA.

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 are existing within 500 meter 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 from Industries and Mine department, Government of Gujarat with copy of renewed lease 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.

**Validity of ToR:**

- The ToR prescribed for the project will be valid for a period of three years for submission of EIA & EMP report. ToR will lapse after three years from date of issue.
- The period of validity could be extended for a maximum period of one year provided an application is made by the applicant to the Regulatory Authority, at least three months before the expiry of valid period together with an updated Form-I, based on proper justification and also recommendation of the SEAC.

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 after submission of the final EIA report.

**EC AMENDMENT PROPOSALS**

**1.SILICA SAND MINING PROJECT,DIST:BHARUCH**

Proposal No.	Name of applicant	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Proposed Use
SIA/GJ/MIN/54147/2017	M/S New India Minerals Industries	S NO:22 4,225,2 26,227, 230 & 231	Bhimpur	Jhagadia	Bharuch	06-85-94 Ha Existing	224400 MTPA	Jhagadia: 7 km	RM in Glass industries

Environmental Clearance for the above proposal was issued on 30/01/2017 vide letter No. SEIAA/GUJ/EC/1(a)/35/2017.

Project proponent has submitted online application on 22 February 2017 requesting for correction in name of applicant in the EC..

Project proponent has mentioned that in previous application comprising Form 1,name of applicant was mentioned as "Alimiya Imamali Saiyed" whereas in EC , it is mentioned as "New India Minerals Industries".



Referring to the Form 1, it is verified that name of applicant is mentioned as Alimiya Imamali Saiyed. Considering above, it is noted that an error has inadvertently been made mentioning name of the applicant. Vide online submission of revised Form 1, PP has requested to amend EC.

After deliberation, committee decided to recommend amendment in Environmental Clearance to SEIAA issued on 30/01/2017 vide letter No. SEIAA/GUJ/EC/1(a)/35/2017 for correction of name of applicant as per the revised FORM 1 as below:

Proposal No.	Project Name	Lease Area in Hectare	Rate of mining	Nearest Habitation	Proposed Use
SIA/GJ/MIN/18469/2017	Mine of Silica Sand in lease with area 6.8594 Ha, Survey NO: 224,225,226,227,230 & 231 at Bhimpur, Village: Jhagadia, Taluka & District: Bharuch, Gujarat by M/S Alimiya Imamali Saiyed	06-85-94 Ha Existing	224400 MTPA	Jhagadia: 7 km	RM in Glass industries

## 2. RIVER BED SAND MINING PROJECT, DIST: BANASKANTHA

Proposal No.	Application received	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river	Proposed Use
SIA/GJ/MIN/60004/2016	19/11/2016	Arnivada Ordinary Sand Mining	Banas river bed	Arnivada	Kankrej	Banaskantha	09-90-00 Ha New	3,00,000 MTPA	Arnivada: 1.5 km	Banas river	Construction

Environmental Clearance for the above proposal was issued on 30/01/2017 vide letter No. SEIAA/GUJ/EC/1(a)/18/2017.

Project proponent has submitted online application on 04 March 2017 requesting for correction in name of applicant in the EC. Project proponent has submitted online revised application form 1 with request to change in name of applicant as "Anandiben Bhikhabhai Joshi" in place of "Arnivada Ordinary Sand Mining".

Committee deliberated the request of the PP and noted that lease document is in the name of lessee "Anandiben Bhikhabhai Joshi". It is further noted that no change in the previous application is there except change in name of Project, it was unanimously decided to recommend for change in name of project to SEIAA as below:

Proposal No.	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river	Proposed Use
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SIA/GJ/MIN/18571/2017	Anandiben Bhikhabhai Joshi	Banas river bed	Arnivada	Kankrej	Banaskantha	09-90-00 Ha New	3,00,000 MTPA	Arnivada: 1.5km	Banas river	Construction
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### 3. RIVER BED SAND MINING PROJECT, DIST: VADODARA

Proposal No.	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river	Proposed Use
SIA/GJ/MIN/60848/2016	Fatehpur Ordinary Sand Mining Project (Lessee: Rakeshbhai Gemabhai Ode)	289,290 ne same	Fatehpur	Karjan	Vadodara	9.90 Existing	37,500 MTPM	Fatehpur: 0.90 km	Narmada	Construction

Environmental Clearance for the above proposal was issued on 15/03/2017 vide letter No. SEIAA/GUJ/EC/1(a)/160/2017.

Project proponent has submitted online application on 18 March 2017 requesting for correction in survey numbers in address mentioned in EC.

Project proponent has mentioned that in previous application comprising Form 1, survey numbers mentioned in application were "289,290 ne same, Narmada Nadi patt" whereas in the lease issued it is mentioned as "267,268 ne same, Narmada nadi Patt".

Revised Form 1 is submitted by the PP through online submission with corrected survey numbers with no change in other information as mentioned in previous application No: SIA/GJ/MIN/60848/2016.

Committee deliberated the request of the PP and noted that in the lease document, survey numbers mentioned are "267, 268 ne same, Narmada Nadi Patt" and noted that an error in FORM 1 was made by the PP mentioning the survey numbers. It is further noted that no change in the previous application is there except change in survey numbers. It was unanimously decided by the committee to recommend for change in survey number of project to SEIAA as below:

Proposal No.	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/18876/2016	FATEHPUR ORDINARY SAND MINING PROJECT (Lessee: Rakeshbhai Gemabhai Ode)	267,268 ne same, Narmada Nadipatt	Fatehpur	Karjan	Vadodara	9.90 Existing	37,500 MTPM	Fatehpur: 0.90 km	Narmada	Construction

#### 4. RIVERBED SAND MINING PROJECT,DIST:BHARUCH

Proposal No.	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/61580/2016	Naranbhai Khemaji Vanzara	S NO:1312 paiki Sabarmati river paiki	Kashindra	Dasdroi	Gandhinagar	9.99.00 New LOI issued	52000 MTPM	Kasindra:1. 20 km	Sabarmati	Construction

Environmental Clearance for the above proposal was issued on 15/03/2017 vide letter No. SEIAA/GUJ/EC/1(a)/157/2017.

Project proponent has submitted online application on 23 March 2017 requesting for correction in name of the district mentioned in the EC.

PP mentioned that in previous application comprising Form 1, name of the district in address was inadvertently mentioned as " Gandhinagar" whereas in lease granted to the PP, It is mentioned as "Ahmedabad".

Revised Form 1 is submitted by the PP through online submission with corrected name of the district with no change in other information as mentioned in previous application No: SIA/GJ/MIN/61580/2016.

Committee deliberated the request of the PP and noted that in the lease document, concerned district of the lease is "Ahmedabad" and noted that an error in FORM 1 was made by the PP mentioning the name of the district. It is further noted that no change in the previous application is there except change in name of the district. It was unanimously decided by the committee to recommend for change in name of the district of project to SEIAA as below:

Proposal No.	Project Name	S NO	Village	Taluka	District	Lease Area in Hectare	Rate of mining	Nearest Habitation	Name of the river/Mineral	Proposed Use
SIA/GJ/MIN/18888/2017	Naranbhai Khemaji Vanzara	S NO:1312 paiki Sabarmati river paiki	Kashindra	Dasdroi	AHMEDABAD	9.99.00 New LOI issued	52000 MTPM	Kasindra:1. 20 km	Sabarmati	Construction

## ADDITIONAL AGENDA

1. Letter of Member Secretary, State Level Environment Impact Assessment Authority, Gujarat for taking necessary action as per the rules regarding complaint of residents of Dedhrota village and Dedhrota gram Panchayat for their objection of issuance of Environmental Clearance to the mine lease at gauchar S NO: 335/1, Village;Dedhrota,Dist: Sabarkantha. regarding.

The aforementioned letter was received by this office on 23/03/2017 and it was deliberated in the SEAC meeting on 30/03/2017. After referring to the letter of MS,SEIAA and its annexure, committee unanimously decided to inform MS,SEIAA regarding processing of the EC application has already been done with a copy to the Shri Zhala Jayshree Kubarba Sidhrajsinh including following details.

In the above context, it was decided to inform that vide point no 10 of the annexure, committee considered the order of Honourable Gujarat High Court order dated 21/09/2015. In furtherance, it was noted that all the points raised by the residents/plausible stake holders during public hearing were replied by the authorised person.

Committee also appraised possible environmental impacts due to mining and its mitigation measures mentioned in Environment Impact Assessment report, approved mine plan. At the outset, PP was asked to submit additional information during SEAC meeting held on 23/11/2016. After submission of the additional information during meeting, SEAC recommended the proposal for grant of EC to SEIAA. SEIAA during its meeting on 03/03/2017, after detailed deliberation decided to grant EC to the Dedhrota Bauxite Mine, S NO: 335/ 1 part, Vill: Dedhrota, Ta: Himmatnagar, Dist: Sabarkantha.

### DELISITING OF PROPOSALS UNDER VIOLATION OF EIA NOTIFICATION 2006

The following proposals are considered under violation of EIA Notification 2006 during various SEAC meeting .Details of such mining proposals under violation are as below:

#### MINING PROPOSALS:

SR. NO	NAME OF THE PROPOSAL	ADDRESS	MINERAL	LEASE AREA (Hectare)	DATE OF SEAC MEETING
1	Smt. Hemaben Gangaram Thakkar	SNO:160 Paiki, Vill:Fangli,At: Shantalpur,Dist:Patan	Red Ochre	09.71.00	09/03/2016
2	Aro Chem Industries	KhasraNo: 295/P, Vill:Patana, Ta: Vallabhipur, Dist: Bhavnagar	Dolomite	40.00.00	30/04/2016
3	Tushar Mineral Industries	S NO: 154/P,157/P,Vill:Mewasa, Ta:Kalyanpur,Dist:Devbhunidwarka	Bauxite	04.36.05	01/06/2016
4	Tushar Mineral Industries	S NO: 341/P,Vill:Mewasa, Ta:Kalyanpur,Dist:Devbhunidwarka	Bauxite	01.00.00	01/06/2016

5	Harsidhi Enterprise	S NO: 141/P,Vill:Mewasa, Ta:Kalyanpur,Dist:DevbhumiDwarka	Bauxite	03.20.00	01/06/2016
6	Gopal Glass Works Limited	S NO: 1644/P,Vill: Ilol, Ta:Himmatnagar,Dist: Sabarkantha	Silica Sand	09.71.00	01/06/2016
7	Imperial Mining Syndicate	S NO: 506/P,Vill: Kenedy, Ta:Kalyanpur,Dist:DevbhumiDwarka	Bauxite	03.90.00	01/06/2016
8	Imperial Mining Syndicate	S NO: 80/P,Vill: Navadra, Ta:Kalyanpur,Dist:DevbhumiDwarka	Bauxite	13.5700	01/06/2016
9	Bhogat Bauxite Mine(C/O Sandeep Abrasive Industries	S NO: 360/p of Bhogat village, Ta:Kalyanpur,Dist:DevbhumiDwarka	Bauxite	29.77.49	20/07/2016
10	Rajshibhai Ranabhai Jotva,	S.No.29/P,Vill:Khorasa,Ta: Maliya Hatina,Dist: Junagadh	Lime Stone	04.00.00	20/07/2016
11	Rajesh Shardulbha Ker	S NO: 18 paiki,Village: Mojap,Ta: Okhamandal, Dist: Devbhumi Dwarka.	Pozzolanik Clay and Marl	04.23.19	20/07/2016
12	Gayatri Minerals c/o M. B. Trivedi,	S NO: 160/1 paiki ,Village: Rakka, Ta: Lalpur, Dist: Jamnagar	Lime Stone	04.00.00	20/07/2016
13	Rajendra P. Trivedi	S NO: 160/ 1 paiki, Village: Rakka,Ta: Lalpur,Dist: Jamnagar.	Lime Stone	04.00.00	20/07/2016
14	Jusab Abbasbhai Khira	S NO: 160/1 paiki (Lease Area: 4.00.00 Ha), Village: Rakka, Ta: Lalpur, Dist: Jamnagar	Lime Stone	04.00.00	20/07/2016
15	Maheboob Abbas Khira	S NO:160 paiki 1,Village: Rakka,Ta: Lalpur,Dist: Jamnagar.	Lime Stone	04.00.00	20/07/2016
16	Dari Limestone Mine	S NO: 523/P, Village: Dari, Ta:Veraval, Dist: Gir Somnath	Limestone	6.47.34	14/09/2016
17	Damasa Limestone Mine	S NO: 110/p,Vill: Damasa,Ta: Una, Dist: Gir_Somnath	Limestone	2.00.00	31/01/2017
18	Jasadhar Limestone Mine	S NO: 52/2/A(p),Vill: Jasadhar,Ta: Talala, Dist: Gir_Somnath	Limestone	2.00.00	31/01/2017
19	Ajotha Limestone Mine	S NO: 389,Village: Ajotha,Ta:Veraval,Dist:GirSomnath	Limestone	2.00.00	31/01/2017
20	Navdra Limestone Mine,(Lessee:Hardasbhai Karshanbhai Ambaliya	S No: 80(P), Vill: Navdra, Ta: Kalyanpur, Dist: Devbhumi Dwarka, Gujarat	Limestone	5.00.00	31/01/2017

## INDUSTRIAL PROPOSALS

SR. NO	NAME OF THE PROPOSAL	ADDRESS	Category as per EIA Notification	DATE OF SEAC MEETING
1	Keshar Emulsion Pvt. Ltd.	S.No.159/2,Opp.Katwad Patiya, N.H.no.8, At Dalpur, Pratij, Dist.: Sabarkantha	5(f)	09/09/2015
2	M. Chemicals	Plot No:807, GIDC Estate, Sachin, Chorasi, Surat	5(f)	25/05/2016

## CONSTRUCTION PROJECTS

1.	Shivabhi Laxuria	R.S.No.548/2/P at Jambuva & R.S.No.41/P of Jambuva and Makarba, Vadodara
2.	Anupam City (Sai Vihar	Block No:307,326/P,327,TPS No.67(Jiav-Gabheni-Sonari), Jiav, Choryasi, Surat

	Corporation)	
3.	Garden Valley	Block No:192+190/p, S.P. No.2, F.P.No.52+50/B,O.P. No.52,50, T.P. No:24, Mota Varachha, Choryasi, Surat
4.	Shukan Platinum	Survey No:243, F.P.No.74, O.P. No.74, T.P.S.No.33, Gota, Ahmedabad
5.	Arshad Meridian	F.P.No.85+87/1,T.P.S.No.85 (Sarkhej-Okaf), Okaf, Ahmedabad
6.	Shiv Residency	S.No.764/1+2+3/P+4+5,S.No.783/1+2+3+4+5+6+7 & S.No.782/1+2, of S.P. NO.3, Naroda, Ahmedabad
7.	Shriya Heights	Plot No:98, O.P.No.299, F.P.No. 299 of T.P.S.No.35 (Saniya-Saroli-Kumbhariya-Devadh), Saroli, Choryasi, Surat
8.	Shukan Enjoy	S. No:206, F.P.No.24/1, O.P.No.25, D.T.P.S.No.33, Gota, Ahmedabad
9.	Dhanesh Soni	R.S.No.5, Plot No:1, Sayajipura, Vadodara
10.	Ananta Lifestyle	Plot No:55 Paiki, Ajwa Main Road, Sayajipura, Vadodara
11.	Pratham Riviera	R.S.No.783,782,790,791,797, 807 & 808, Block No.567,568, 571-B,574 & 580, Vill:Bill, Vadodara
12.	Pramukh Residency	Survey No:196/1/P4/P2, Chala (Vapi), Pardi, Valsad
13.	Sunshine Residency	F.P.No.77, T.P.No.07 (Vesu-Magdalla), Opp.ONGC Colony, Canal road, Ta:Choryasi, Dist:Surat
14.	Ananta Swagatam	S.S.Infra, Nr.Pratham Rivera, Atladara-Bil Road, Vadodara, Block No:219,579/P, Bil & Kalali, Vadodara
15.	Ananta Shubh Labh	Block No:215/A,215/B,215/K, Shubh labh Homes, Opp. Gayatri Mandir, Khatamba,Waghodia Road, Vadodara.
16.	Samvedna Heights	S.N.65,Vill:Vajdi Vad, Dist: Rajkot
17.	Royal Heritage	R.S.No.263+265+266/1+267/P, O.P.No.56/A+56/B, T.P.S.No. 14,Rander-Adajan, Choryasi, Surat
18.	Ganesh Infrastructure Co. Ho.Soc. Ltd.	Plot No:608 to 613/5, GIDC Ankleshwar, Bharuch.
19.	Kalpvan Green	S.No.59/1P1/P1, Plot No.1, Kangsiyali, Lodhika, Rajkot
20.	Keshar Emulsion Pvt.Ltd	S.No.159/2,Opp.Katwad Patiya, N.H.No.8, At Dalpur, Prantij, Sabarkantha
21.	Swapna Villa	Block No.343,344, Moje Kamrej, Surat
22.	Global City	Block 748/2, T.P.S.No.66, Moje: Kosad, Choryasi, Surat
23.	Ivory Garden	R.S.No.51/A, Sayajipura, Vadodara
24.	Triveni Landmark	R.S.No.906/P/1,905,952/P/1,908/P,951/P,907,906/P/2,906/P/3,952/P/2, Bakrol, Anand
25.	M/s. Calica Construction	S.No.1102,1103,1108,1109/1,1109/2,1110/1,1111,1115, 1116,1117,1118, 1125/1, 1125/2, 1100, 1105/1, 1106,1107, 1119, 1120/1,1124/2,1124/3,1104/1F.P.No.394+395, S.No.221 (Ognaj-Sola-Bhadaj), Ognaj, Daskroi, Ahmedabad.
26.	Residential project by M/s. Sairang Estates Pvt. Ltd.	R.S.No.616, Vill.Atladra, Vadodara
27.	Arayan City	S.No.216,218, F.P.No.39/1, 43, O.P.No.39/1, 43, D.T.P.S.No.33, Gota, Ahmedabad.
28.	Avadh Lake City	Block No.162,165,168, At Baben, Ta. Bardoli, Surat.
29.	Avadh Kingsbury & Queen Bury	R.S.No.447/1/1,509/1+2/p2,510/1,510/2,510/3,510/4,511/3,421,447/1/2,447/1/3,447/2,448/2,448/3,448/4,448/5,448/6, 448/7,450/1,509/1+2/p1 and 441/1, Vill. Eru, Jalalpor, Navsari.
30.	Triveni Vishwa	S.No.1040/p + 1040/p, Village: Bakrol, Dist: Anand.
31.	Triveni Landmark	R.S.No.906/P/1, 905, 952/P/1, 908/P, 951/P, 907, 906/P/2, 906/P/3, 952/P/2, Bakrol, Dist: Anand.
32.	Haridarshan residency	Block no. 18, Moje- Shekhpur, Ta: Kamrej, Dist: Surat
33.	Parshwa Luxuria	S.No.118/2/1, 118/2/2, 118/3, 118/4, 119, 120/1, Bodakdev, Makarba, Vejalpur, Ahmedabad.
34.	Rajpath Siesta	S.No.88/p-22, Plot No.1, Moje: Kangshiyali, Ta: Lodhika, Dist: Rajkot.
35.	Expansion of Club	R.S.No.534/2 & 534/2 paiki, Moje: Tukawada, Ta: Pardi, Dist: Valsad.

	house to residential bungalow project by Avadh Infracon	
36.	Amardeep homes	F.P.No. 6/A & 7/A, T.P.S.No.Sayajipura-1, Vill. Sayajipura, Dist. Vadodara
37.	Kalp Palace	R.S.No.16, 17,& 36, Sayajipura, Vadodara
38.	Rajpath Siesta	Survery No. 88/p-22, plot no-1,Kangashiyali, The-Lodhika, Rajkot,Gujarat
39.	River Palace	B.No.434 (435+436), Nr. Ramji Temple, Moje Vapi, Vyara, Dist: Tapi.

During SEAC meeting held on 30/03/2017, committee noted that MoEF&CC has published amendment in EIA Notification vide NO: S.O. 804(E) dated 14<sup>th</sup> March 2017 wherein, in last para it is mentioned that "*The project or activities which are in violation as on date of this notification only will be eligible to apply for environment clearance under this notification and the project proponents can apply for environmental clearance under this notification only within six months from date of issue of this notification.*"

After detailed deliberation, committee unanimously decided to recommend the above proposals for delisting to SEIAA with request to ask PP top apply for EC/TOR to the MOEF&CC, New Delhi as per the amended EIA Notification 2006.

Meeting was concluded with thanks to the Chair and Members

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

## **ANNEXURE I**

### **Standard terms of reference(TOR) for EIA/EMP report for Non coal Mining proposal under category 1(a) requiring Environment Clearance under EIA Notification ,2006.**

1. Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
2. A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
3. All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
4. All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
5. Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
6. Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
7. It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/ violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.
8. Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
9. The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
10. Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
11. Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.



12. A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
13. Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
14. Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
15. The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
16. A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
17. Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/ Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
18. A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled-I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
19. Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
20. Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
21. R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the

village(s) located in the mine lease area will be shifted or not. The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

22. One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.
23. Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
24. The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
25. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
26. Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
27. Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
28. Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
29. Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
30. Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
31. A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.

32. Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
33. Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
34. Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
35. Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.
36. Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
37. Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
38. Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
39. Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
40. Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
41. The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
42. A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
43. Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.
44. Besides the above, the below mentioned general points are also to be followed:-
  - 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.