

**Minutes of the 517<sup>th</sup> meeting of the State Level Expert Appraisal Committee held on 09.11.2022 through Video Conference (VC) on National Informatics Centre (NIC)**

In the wake of recent crisis of COVID-19, the agenda of the present meeting was mailed to expert Committee in advance and the 517<sup>th</sup> meeting of the State Level Expert Appraisal Committee (SEAC) was held online by Video Conferencing through NIC on 09.11.2022 at 01.30 pm.

Following members attended the meeting.

1	Shri A. K. Saxena, Chairman, SEAC
2	Dr. S. C. Pant, Vice Chairman, SEAC
3	Shri D. C. Chaudhari, Member, SEAC
4	Shri J. K. Vyas, Member, SEAC
5	Shri Anand Zinzala, Member, SEAC
6	Shri B. M. Tailor, Member, SEAC
7	Shri D. M. Thaker, Secretary, SEAC

- 1. Opportunity of being heard before initiating action under EIA Notification 2006 regarding:** Riverbed Sand mining of Mr. Jentibhai Iswarbhai Salar, lease area – 4.00.00 Ha, Narmada Riverbed, located at S.No.669 to 672 Village: Velugam Taluka: Jhagadia, Dist: Bharuch.

The Committee noted that the e-mail is sent by the PP Mr. Jentibhai Iswarbhai Salar on 07.11.2022 for not being present during SEAC meeting dated 09.11.2022 as he is suffering from cancer. He has requested to the Committee to provide the period of 1 month for presenting his side.

During SEAC meeting dated 09.11.2022, the consultant of the PP Shri Sushant Maheshwari attended the matter on behalf of the PP and informed the Committee that the PP is not able to remain present due to medical reasons and requested to give time period of one month.

The Committee noted that the request to attend SEAC meeting to be held on 09.11.2022 as a part of giving an opportunity of being heard before initiating action under EIA Notification 2006 regarding was issued vide SEAC letter no. SEAC/GEN-133/4576, dated 20.10.2022, i.e. almost 15 working days time period was give. Owing to the health issue at PP's end; the Committee deliberated on the matter and unanimously decided to grant a further time period of 15 days to PP. The Committee also instructed the supporting staff to intimate the above matter to the PP through e-mail, which was communicated to the PP through e-mail later on, on 14.11.2022.

**2. Opportunity of being heard before initiating action under EIA Notification 2006 regarding:** Riverbed Sand mining of Mr. Alpeshkumar Babubhai Panchal, lease area – 2.75.00 Ha, Narmada Riverbed, located at S.No. 455 to 513, Village: Velugam, Taluka: Jhagadia, Dist: Bharuch.

The Committee noted that the e-mail is sent by the PP Mr. Alpeshkumar Babubhai Panchal on 07.11.2022 for not being present during SEAC meeting dated 09.11.2022. He has requested to the Committee to provide the period of 1 month for presenting his side.

During SEAC meeting dated 09.11.2022, the consultant of the PP Shri Sushant Maheshwari attended the matter on behalf of the PP and informed the Committee that the PP is not able to remain present due to medical reasons as he has to accompany Mr. Jentibhai Iswarbhai Salar to hospital and requested to give time period of one month.

The Committee noted that the request to attend SEAC meeting to be held on 09.11.2022 as a part of giving an opportunity of being heard before initiating action under EIA Notification 2006 regarding was issued vide SEAC letter no. SEAC/GEN-133/4577, dated 20.10.2022, i.e. almost 15 working days time period was give. Owing to the health issue at PP's end; the Committee deliberated on the matter and unanimously decided to grant a further time period of 15 days to PP. The Committee also instructed the supporting staff to intimate the above matter to the PP through e-mail, which was communicated to the PP through e-mail later on, on 14.11.2022.

**3. Review / Appraisal of District Survey Reports:**

At the outset, the Committee noted that the District Survey Reports (DSRs) submitted by the District Geologists of 32 Districts through e-mail and Hard Copy to State Level Environment Impact Assessment Authority (SEIAA) office were forwarded to State Level Expert Appraisal Committee (SEAC) for further consideration. These DSRs were received during the period of 17.10.2022 to 07.11.2022 and the agenda for Discussion/ Appraisal of DSRs was scheduled during the SEAC meeting dated 09.11.2022. This was intimated to all district Geologists through e-mail on the e-mail address provided/available on 07.11.2022.

During the SEAC meeting dated 09.11.2022, the Committee also noted that SEIAA had written a letter dated 21.10.2022 to The Commissioner Geology and Mining, Gandhinagar regarding placing the draft District Survey Reports in the Public Domain and following the prescribed procedure. It was also noted by SEAC that the DSRs so received at SEAC had several omissions/ procedural left outs. None of the DSRs were signed and stamped by the Competent Authority / Authorities.

Further the Committee noted the prescribed procedure and structure of the District Survey Report (Minor Minerals – Sand and Non Sand Mining) by referring the following documents:

1. MoEF & CC Notification S.O. 141 (E) dated 15.01.2016.
2. MoEF & CC Notification S.O. 3611 (E) dated 25.07.2018.
3. MoEF & CC Sustainable Sand Mining Management Guidelines – 2016.
4. MoEF & CC Enforcement & Monitoring Guidelines for Sand Mining – January 2020.

5. Hon. National Green Tribunal (WZ) Judgment dated 29.09.2022 in the matter of Original Application no. 34 of 2022 – regarding quashing of Mining Auction notices in absence of DSRs in the State of Gujarat.
6. SEIAA letter dated 21.10.2022 addressed to the Commissioner Geology and Mining regarding DSR.

And accordingly, the Committee unanimously decided to share an INDICATIVE note in this regard to all the District Geologist for their ready reference and to consider appropriately while preparing the DSRs and ensure that the DSRs so prepared are as per the requirement.

The Committee also unanimously decided to consider the final (updated and revised as per the requirements) DSRs in soft copy as well as hard copy submitted to SEIAA/SEAC for appraisal/evaluation and the District Geologist to make a presentation before the SEAC for their respective DSRs in the one of the upcoming SEAC meetings.

The Committee also instructed the SEAC staff during the SEAC meeting to intimate for above to all District Geologist through e-mail and hence later on the mail is sent to all the District Geologists on 18.11.2022 along with the INDICATIVE note as desired by the Committee.

❖ **Refer Back cases:**

**4. ORDINARY SAND MINING, DIST: AMRELI – B2 EC**

i.	Application No	SIA/GJ/MIN/285283/2022
ii.	Name of Project	Shri Mahendrabhai Nanubhai Patel
iii.	S.No.	Govt. Land & Survey No – Shetrunji Nadi Patt Paiki
iv.	Village	Loka
v.	Taluka	Lilia
vi.	Dist	Amreli
vii.	Lease Area	4.61.34 Ha
viii.	Validity of lease	Lease order vide letter no. GA/QL/518/2022/1583, dated 30.06.2022
ix.	ROM	1,25,023 MTPA
x	River	Shetrunji
xi	Nearest Human Habitation	Loka – 2.16 km
xii	End Use	Construction
xiii	Investment in Rs	Rs.1.68 Crore

xiv	Date of Application Accepted by SEAC	28.07.2022
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The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/285283/2022/4391, dated 26.09.2022. The proposal was referred back by SEIAA vide letter no. SEIAA/GUJ/EC/2491/2022, dated 21.10.2022 for following point:

1. SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability, looking to the Judgment of Hon'ble NGT delivered on 29.09.2022 in the matter of OA no.34 of 2022 and case no. 80 of 2022 dated 29.09.2022.

Shri Sushant Maheshwari, the consultant of the PP from M/s. Cognizance Research India Private Ltd. remained present in the SEAC meeting dated 09.11.2022 on behalf of the PP and presented the chronology of the proposal and reply of refer back point as below:

'This project is sand mining project already operational before 2016. And now granted Order for the agreement.  
So this project do not comes under Honorable NGT Judgment of Case OA no. 80 of 2022 Dated 29.09.2022 as it is not granted through auction procedure .

The Committee perused the Judgment of Hon'ble NGT pronounced on 29.09.2022 in the matter of O.A. no. 34/2022 and case no. 80/2022, dated 29.09.2022; whereby the operative part of the Judgment of O.A. no. 34/2022 is found to be as below:

**Decision of Honorable NGT is mentioned below:**

*"In view of the above discussion and the law laid down by the Apex Court and this Tribunal, we think that all the impugned auction notices need to be quashed and are accordingly quashed, with the direction that no proceeding/e-tendering be done in respect of sand mining without preparation of DSR first."*

The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/285283/2022 is kept in abeyance.

**5. ORDINARY SAND MINING, DIST: GANDHINAGAR – B2 EC**

i.	Application No	PMIN- 549
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ii.	Name of Project	Shri Jitendra Gopiji Vanzara
iii.	S.No.	Govt. land & survey no. 104 & 108, ne lagu Meshwo Nadi patt
iv.	Village	Pasuniya
v.	Taluka	Dahegam
vi.	Dist	Gandhinagar
vii.	Lease Area	2.70.00 Ha
viii.	Validity of lease	Lol issued on 06.02.2021
	River	Meshwo river
ix.	ROM	76,140 MTPA
x.	Nearest Human Habitation	Pasuniya – 110 m
xi.	End Use	Construction
xii.	Investment in Rs	Rs.180.14 Lakh
xiii.	Date of Application Accepted by SEAC	28.09.2021

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/PMIN-549/2021/4377, dated 26.09.2022. The proposal was referred back by SEIAA vide letter no. SEIAA/GUJ/EC/2486/2022, dated 21.10.2022 for following point:

1. SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability, looking to the Judgment of Hon'ble NGT delivered on 29.09.2022 in the matter of OA no.34 of 2022 and case no. 80 of 2022 dated 29.09.2022.

Shri Sushant Maheshwari, the consultant of the PP from M/s. Cognizance Research India Private Ltd. remained present in the SEAC meeting dated 09.11.2022 on behalf of the PP and presented the chronology of the proposal and reply of refer back point as below:

'This project is sand mining project already operational before 2016. And now granted Order for the agreement.

So this project do not comes under Honorable NGT Judgment of Case OA no. 80 of 2022 Dated 29.09.2022 as it is not granted through auction procedure .

The Committee perused the Judgment of Hon'ble NGT pronounced on 29.09.2022 in the matter of O.A. no. 34/2022 and case no. 80/2022, dated 29.09.2022; whereby the operative part of the Judgment of O.A. no. 34/2022 is found to be as below:

**Decision of Honorable NGT is mentioned below:**

*“In view of the above discussion and the law laid down by the Apex Court and this Tribunal, we think that all the impugned auction notices need to be quashed and are accordingly quashed, with the direction that no proceeding/e-tendering be done in respect of sand mining without preparation of DSR first.”*

The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. PMIN-549 is kept in abeyance.

**6. ORDINARY SAND MINING, DIST: SURAT – B2 EC**

i.	Application No	SIA/GJ/MIN/274953/2022
ii.	Name of Project	Shri Naginbhai Gemalbhai Oad
iii.	S.No.	6, 7, Ne Same Purna Nadi Patt, Govt. Land
iv.	Village	Kharad
v.	Taluka	Bardoli
vi.	Dist	Surat
vii.	Lease Area	1.11.00 Ha
viii.	Validity of lease	Existing Lease (but Environment Clearance Certificate in progress) Lease agreement Date – 08/01/1988. Renewal Application Dated – 11/09/2019 for 10 Year According to GMMCR Amendment 09/03/2018 by the rule No.12(ii)(b) lease is eligible for extension till 2022.
ix.	ROM	29,748 MTPA
x	River	Purna
xi	Nearest Human Habitation	Kharad – 0.17 Km
xii	End Use	Construction
xiii	Investment in Rs	Rs.30,41,600 /-
xiv	Date of Application Accepted by SEAC	03.06.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/274953/2022/4378, dated 26.09.2022. The proposal was referred back by SEIAA vide letter no. SEIAA/GUJ/EC/2487/2022, dated 21.10.2022 for following point:

1. SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability, looking to the Judgment of Hon'ble NGT delivered on 29.09.2022 in the matter of OA no.34 of 2022 and case no. 80 of 2022 dated 29.09.2022.

Shri Sushant Maheshwari, the consultant of the PP from M/s. Cognizance Research India Private Ltd. remained present in the SEAC meeting dated 09.11.2022 on behalf of the PP and presented the chronology of the proposal and reply of refer back point as below:

'This project is sand mining project already operational before 2016. And now granted Order for the agreement. So this project do not comes under Honorable NGT Judgment of Case OA no. 80 of 2022 Dated 29.09.2022 as it is not granted through auction procedure.

The Committee perused the Judgment of Hon'ble NGT pronounced on 29.09.2022 in the matter of O.A. no. 34/2022 and case no. 80/2022, dated 29.09.2022; whereby the operative part of the Judgment of O.A. no. 34/2022 is found to be as below:

**Decision of Honorable NGT is mentioned below:**

*"In view of the above discussion and the law laid down by the Apex Court and this Tribunal, we think that all the impugned auction notices need to be quashed and are accordingly quashed, with the direction that no proceeding/e-tendering be done in respect of sand mining without preparation of DSR first."*

The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/274953/2022 is kept in abeyance.

**7. ORDINARY SAND MINING, DIST: SABARKANTHA – B1 APPRAISAL**

i.	Application No	SIA/GJ/MIN/80811/2020
ii.	Name of Project	Shri Jigarbhai D Patel

		(Jorapur Ordinary Sand Mining Block 2)
iii.	S.No.	Sabarmati Riverbed paiki Adj. to riverbed 276
iv.	Village	Jorapur
v.	Taluka	Himmatnagar
vi.	Dist	Sabarkantha
vii.	Lease Area	3.30.00 Ha
viii.	Validity of lease	Lol issued vide letter no. GH/QL/Auction/2019/ORD/3602, dated 05.11.2019 for 5 years
ix.	ROM	53064 MTPA
x.	River	Sabarmati
xi.	Nearest Human Habitation	Jorapur – 1.45 km
xii.	End Use	Construction
xiii.	Investment in Rs	Rs.2.58 Crore
xiv.	Date of Application Accepted by SEAC	25.07.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/80811/2020/4379, dated 26.09.2022. The proposal was referred back by SEIAA vide letter no. SEIAA/GUJ/EC/2488/2022, dated 21.10.2022 for following point:

1. SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability, looking to the Judgment of Hon'ble NGT delivered on 29.09.2022 in the matter of OA no.34 of 2022 and case no. 80 of 2022 dated 29.09.2022.

Shri Sushant Maheshwari, the consultant of the PP from M/s. Cognizance Research India Private Ltd. remained present in the SEAC meeting dated 09.11.2022 on behalf of the PP. He informed the Committee that the lease of this proposal is an auctioned lease and presented the chronology of the proposal as below:

S. No.	Particulars	Details
1	Name of Project	Jigarbhai D. Patel
2	Proposal no.	SIA/GJ/MIN/49202/2019
3	NIT issued date	04/01/2019
4	Auction date	07/08/2019
5	LOI Grant date	05/11/2019



6	Mining plan approval Date	23/12/2019
7	TOR application Date	17/02/2020
8	Tor Grant Date	09/06/2020
9	Public Hearing date	16/11/2021
10	EC application date	20/07/2022

The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/80811/2020 is kept in abeyance.

#### **8. ORDINARY SAND MINING, DIST: MORBI – B2 EC**

i.	Application No	SIA/GJ/MIN/284865/2022
ii.	Name of Project	Shri Dropalsinh Kishorsinh Jadeja
iii.	S.No.	Govt. Land & Survey No – At Joining 251 & 252
iv.	Village	Chadadhra
v.	Taluka	Halvad
vi.	Dist	Morbi
vii.	Lease Area	3.00.00 Ha
viii.	Validity of lease	Lol issued vide letter no. GEO/Auction/OSD/MOR/2022-23 /002/1, dated 07.07.2022 for 5 years
ix.	ROM	47,880 MTPA
x	River	Bramni
xi	Nearest Human Habitation	Chadadhra – 1.35 km
xii	End Use	Construction
xiii	Investment in Rs	Rs.2.19 Crore
xiv	Date of Application Accepted by SEAC	28.07.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/284865/2022/4389, dated 26.09.2022. The proposal was referred back by SEIAA vide letter no. SEIAA/GUJ/EC/2489/2022, dated 21.10.2022 for following point:

1. SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability, looking to the Judgment of Hon'ble NGT delivered on 29.09.2022 in the matter of OA no.34 of 2022 and case no. 80 of 2022 dated 29.09.2022.

Shri Sushant Maheshwari, the consultant of the PP from M/s. Cognizance Research India Private Ltd. remained present in the SEAC meeting dated 09.11.2022 on behalf of the PP. He informed the Committee that the lease of this proposal is an auctioned lease and presented the chronology of the proposal as below:

S. No.	Particulars	Details
1	Name of Project	Dropalsinh Kishorsinh Jadeja
2	Proposal no.	SIA/GJ/MIN/284865/2022
3	NIT issued date	30/09/2021
4	Auction date	29/04/2022
5	LOI Grant date	07/07/2022
6	Mining plan approval Date	11/07/2022
7	EC application date	22/07/2022

The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/284865/2022 is kept in abeyance.

#### **9. ORDINARY SAND MINING, DIST: MORBI – B2 EC**

i.	Application No	SIA/GJ/MIN/284924/2022
ii.	Name of Project	Shri Dropalsinh Kishorsinh Jadeja (Chadadhra Ordinary Sand Block–C-11)
iii.	S.No.	Govt. Land & Survey No – At Joining 389,239&240

iv.	Village	Chadadhra
v.	Taluka	Halvad
vi.	Dist	Morbi
vii.	Lease Area	2.00.00 Ha
viii.	Validity of lease	LoI issued vide letter no. GEO/Auction/OSD/MOR/2022-23/003/10009A, dated 07.07.2022
ix.	ROM	31,800 MTPA
x	River	Bramni
xi	Nearest Human Habitation	Chadadhra – 0.40 km
xii	End Use	Construction
xiii	Investment in Rs	Rs.1.65 Crore
xiv	Date of Application Accepted by SEAC	28.07.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/284924/2022/4390, dated 26.09.2022. The proposal was referred back by SEIAA vide letter no. SEIAA/GUJ/EC/2490/2022, dated 21.10.2022 for following point:

1. SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability, looking to the Judgment of Hon'ble NGT delivered on 29.09.2022 in the matter of OA no.34 of 2022 and case no. 80 of 2022 dated 29.09.2022.

Shri Sushant Maheshwari, the consultant of the PP from M/s. Cognizance Research India Private Ltd. remained present in the SEAC meeting dated 09.11.2022 on behalf of the PP. He informed the Committee that the lease of this proposal is an auctioned lease and presented the chronology of the proposal as below:

S. No.	Particulars	Details
1	Name of Project	Dropalsinh Kishorsinh Jadeja (C-11)
2	Proposal no.	SIA/GJ/MIN/284924/2022
3	NIT issued date	30/09/2021
4	Auction date	03/05/2022
5	LOI Grant date	07/07/2022
6	Mining plan approval Date	11/07/2022

7	EC application date	22/07/2022
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The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/282924/2022 is kept in abeyance.

❖ **Regular Agenda:**

10	BUILDING LIMESTONE MINING	DIST: KUTCH	B1 APPRAISAL
i.	Application No	SIA/GJ/MIN/39413/2019	
ii.	Name of Project	Sama Alana Ibrahim	
iii.	S.No.	386 Paiki	
iv.	Village	Ratadiya	
v.	Taluka	Bhuj	
vi.	Dist	Kutch	
vii.	Lease Area	4.21.00 Ha	
viii.	Validity of lease	LoI issued vide letter no. GKK/QL/10386/1034/1036, dated 13.02.2019 for 10 years	
ix.	ROM	1,09,040 MTPA	
x.	Nearest Human Habitation	Ratadiya – 0.853 Km	
xi.	End Use	Construction	
xii.	Investment in Rs	Rs. 2.65568 Crore	
xiii.	Date of Application Accepted by SEAC	07.10.2022	
The Project Falls Under B1 Category – 1(A), i.e. mining of minerals as per the provision of EIA Notification, 2006. Project proponent has applied to obtain Environment Clearance (EC) For Mining of Building Limestone.			
A. Basic Information of the Project:			
1.	Name of Project as per Form I	Sama Alana Ibrahim	

2.	Address of the lease	Village:Ratadiya, Taluka:Bhuj, District:Kutch, State: Gujarat																											
3.	Name of lease holder	<b>Sama Alana Ibrahim</b>																											
4.	Lease area (Ha)	4.21.00 Hect.																											
5.	Cluster Details	Cluster ID – KUT BHUJ 20																											
	a. Total no. of leases in the cluster	12																											
	b. No. of TOR granted in cluster	3																											
	c. No. of EC granted in cluster	6																											
	d. Total area of the cluster	44.88.96																											
	e. Maximum individual lease area	4.50.00																											
	f. Minimum individual lease area	1.38.00																											
6.	Validity of lease with the date of expiry	LOI letter no.- GKK/QL/10386/1034/1036 dated 3/02/2019 for 10 Year																											
7.	Rate of Mining (MT/Annum)	1,09,040 MTPA																											
8.	Details of EC obtained (for expansion projects), if any	Nil																											
9.	Name of River Bed	Not applicable																											
10	Is the river perennial / non-perennial?	Not applicable																											
11	Lease area (submerged / in stream / on dry river bed)	Not applicable																											
12	All coordinates of the lease area as per Approved Mining Plan	<table> <tr> <th>Sr. No.</th><th>Latitude</th><th>Longitude</th></tr> <tr><td>1.</td><td>2638704.4733N</td><td>577635.6473E</td></tr> <tr><td>2.</td><td>2638466.3772N</td><td>578121.4351E</td></tr> <tr><td>3.</td><td>2638478.4284N</td><td>578290.9806E</td></tr> <tr><td>4.</td><td>2638362.4422N</td><td>578283.9899E</td></tr> <tr><td>5.</td><td>2638397.4614N</td><td>578137.752E</td></tr> <tr><td>6.</td><td>2638516.6785N</td><td>577873.6853E</td></tr> <tr><td>7.</td><td>2638539.3687N</td><td>577881.4923E</td></tr> <tr><td>8.</td><td>2638658.4069N</td><td>577622.2041E</td></tr> </table>	Sr. No.	Latitude	Longitude	1.	2638704.4733N	577635.6473E	2.	2638466.3772N	578121.4351E	3.	2638478.4284N	578290.9806E	4.	2638362.4422N	578283.9899E	5.	2638397.4614N	578137.752E	6.	2638516.6785N	577873.6853E	7.	2638539.3687N	577881.4923E	8.	2638658.4069N	577622.2041E
Sr. No.	Latitude	Longitude																											
1.	2638704.4733N	577635.6473E																											
2.	2638466.3772N	578121.4351E																											
3.	2638478.4284N	578290.9806E																											
4.	2638362.4422N	578283.9899E																											
5.	2638397.4614N	578137.752E																											
6.	2638516.6785N	577873.6853E																											
7.	2638539.3687N	577881.4923E																											
8.	2638658.4069N	577622.2041E																											
13	Manpower requirement	17																											
14	Applicability of CRZ Notification	Not applicable																											
15	Minimum Setback distance proposed to be maintained from River Bed (m)	Not applicable																											
16	Minimum buffer distance from bridge piers / water intake wells / irrigation structures	SH - 45 is about 3.43 Km from lease area																											
17	Maximum depth of sand removal (3 m or water depth whichever is less)	Not Applicable																											
18	Width of Riverbed (m)	Not Applicable																											
19	Average depth of water at lease area (m)	50-55 M																											
20	Depth of mining (m)	13 m																											
21	Ground Water Table in meter BGL	50-55 M																											
22	Does mining activity intersect ground water?(Yes / No) If yes, status report of CGWA	No																											
23	Distance between lease and main road	0.52 Km																											
24	Length of kaccha road (m)	0.27 km																											
25	Length of pacca road (m)	0.25 Km																											
26	Plan for making pacca road	No																											
27	Source of fresh water	Drinking water will be Purchase from nearby water suppliers. And for the dust suppression and plantation																											

			will be Purchase from nearby tanker suppliers	
28	Water requirement (KLPD)		Total –4.3 KLD	
	a. Domestic		1.0KLD	
	b. Dust suppression		1.7 KLD	
	c. Gardening / Green belt development		1.6 KLD	
	d. others		-	
29	Whether the Undertaking is submitted for identical information provided in Form I, Approved Mining Plan, Project Details validated by District Geologist, Pre-Feasibility Report, Lease Document, Environment Management Plan and other documents		yes	
<b>B. Environmental Sensitivities:</b>				
Sr No.	Environmental Sensitivities	Actual Distance	Minimum Distance	Reference
1.	Residential	Ratadiya- 853 m, (Ratadiya- population- 1340 As per 2011 Census)	100 m  (Blasting is not involved)	As per CPCB Distance Criteria And order of of NGT before Principal Bench in the O.A. NO 85/2018 ( WZ) dtd 30.09.2020
	Public buildings	Primary School at Ratadiya=900 m		
	Inhabited sites	Ratadiya- 853 m		
	Protected monuments,	JesalToral Samadhi- 85.82 Km		
	Heritage sites	Aaina Mahal Palace -67.15 Km		
	National / State Highway	NH-8A/41 = 87.74 km SH-45 = 3.39 km		
	District roads	0.50 km		
	Public roads	0.32 Km		
	Railway line / area	Railway Track 65.76 Km		
	Ropeway or Ropeway trestle or station	BhujRailway station- 65.88 km		
	Bridges	SH - 45 bridge- 3.43 Km		
	Dams	Check Dam 957 m		

	Reservoirs	260 m		
	River	Seasonal Stream 667 m		
	Canal	There is no Canal under 1 Km		
	Lakes	There is no Canal under 1 Km		
	Tanks	There is no tanks under 10 Km		
2.	Eco-Sensitive Zone (if notified)	There is no wildlife sanctuary in 10 Km radius	<p>i. Outside the Eco-Sensitive Zone (if located within Notified Eco-Sensitive Zone, Prior Clearance of NBWL required)</p> <p>ii. &gt;1 km and &lt;10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL may not be applicable)</p> <p>iii. Proposal involving mining of mineral within 1 km from boundary of National Park and Sanctuaries is prohibited</p>	<p>As per 3(i) of MoEFCC letter vide no. 6-60/2020WLPart (1), dated 16.07.2020</p> <p>As per 4(ii) &amp; 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019</p> <p>As per 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. GodavarmanThirumulpad Vs. UOI in W.P.(C) No. 202 of 1995</p>
3.	Eco-Sensitive Zone (if not notified)	Not Applicable	>1 km and <10 km = Prior Clearance from NBWL is required	Vide directives of MOEF&CC dtd 16.07.2020
4.	Attraction of General Conditions for change in category from 'B' to 'A'.	Not Applicable	0 to 5 km from the boundary of Environmental sensitivities prescribed in the referred Notification	MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014
5.	Distance of Coastal line from the site	More than 100 Km	>500 M from HTL	Amended CRZ Notification 2011

**C. Details of Mining:**

1.	Method of Mining (Manual / Semi-mechanized / Mechanized).	Semi-mechanized
2.	Equipment's to be used for Mining bulldozers, hydraulic excavators, JCB, scrapers, loaders, Diesel Pump, etc.)	Hydraulic excavators, loaders
3.	Whether it includes blasting?	Not Applicable
4.	Details of Authorized Blasting Agency with date of validity certificate	Not Applicable
5.	Procedure / SOP (in brief)	Not Applicable
6.	Details of Blasting Parameters in brief	Not Applicable
7.	Frequency of blasting	Not Applicable
8.	Impact of blasting	Not Applicable
9.	Outcome of Vibration study	Not Applicable
10.	Blasting Activity Management Plan	Not Applicable
11.	Use of any Chemical with quantity	Not Applicable
12.	Precautions taken for Human Safety in brief	Not Applicable
13.	Crusher provided? If Yes, Measures taken for Air Pollution Control	Not Applicable
14.	Compliance of DGMS Guidelines for Blasting	Not Applicable
15.	Compliance of Sustainable Sand Mine Guidelines published by MoEFCC in 2016	Not Applicable
16.	Whether Replenishment Rate Study is approved by District Geologist? If yes, conclude in brief	No

**D. Details of Green Belt Development:**

1.	a. Green belt development budget	1,05,250/- Rs.
	b. Green belt area / location	Along the statutory barrier and at approach road
	c. No. of trees to be planted	421
	d. Types of trees to be planted	Indigenous, Charu, Khakhara

**E. Details of Environment Management Plan:**

1.	Details of EMP	Impact	Mitigation Measures
	a. Land Environment	By the extraction of mineral from the lease area impacts to change the land pattern	❖ Restoration of land environment will be done in such a manner that flora fauna and plantation will flourish and also the area can be used for water harvesting and agriculture purposes.
	b. Water Environment	Pollution of surface run off. Depletion of ground water table.	❖ Ground water table is about 50 - 55 bgl, mining will do till depth of 13 meter from general Ground level. ❖ Mining shall not intersect ground table. ❖ Domestic wastewater shall be disposed off through septic tank-soak pit



c. Air Environment	<p>1. Gaseous emission from vehicles and machineries used</p> <p>2. Dust Pollution</p>	<ul style="list-style-type: none"> <li>❖ Proponent will spend 44,200/- per year for sprinkling to internal road, loading, unloading point and all transfer points.</li> <li>❖ Proponent will develop green belt around lease area with 1,05,250/- and will spend 10,000/- per year for the maintenance and replenishment of the plants.</li> <li>❖ Mineral transportation shall be done only through covered trucks, so that no spillage of mineral /dust take place.</li> <li>❖ Regular compaction and grading of haul roads to clear accumulation of loose material.</li> <li>❖ Skilled operators to operate excavators to reduce dust emission during loading operation dust emissions.</li> </ul>
d. Noise Environment	Noise due to working through heavy machinery.	<ul style="list-style-type: none"> <li>❖ Noise monitoring will be done at the Project boundary/High noise generating areas within the project boundary by sound level meter.</li> <li>❖ Ear muffs will be used during high noise activity.</li> <li>❖ PPEs will be provide to the workers.</li> </ul>
e. Biological Environment	Nil	<ul style="list-style-type: none"> <li>❖ Green area will be provided for attenuating noise, fugitive emissions and presenting aesthetics look.</li> </ul>
f. Human Environment		<ul style="list-style-type: none"> <li>❖ Suitable and properly maintained first-aid outfit should be kept at the mine for use in case of accident</li> <li>❖ Safety equipment's like dust masks and ear muffs etc.</li> <li>❖ Health camps shall be arranged for local villagers and workers.</li> </ul>
g. Others		

2.	Occupational health & safety measures as per DGMS	<ul style="list-style-type: none"> <li>❖ Suitable and properly maintained first-aid outfit should be kept at the mine for use in case of accident</li> <li>❖ Lessee will spend about 2,14,300Rs for the safety of the workers by providing them PPE kits every year</li> <li>❖ Safety equipment like dust masks and ear muffs etc.</li> <li>❖ Safety helmet where falling objects may create a hazard shall be provided.</li> <li>❖ Health camps shall be arranged for local villagers and workers.</li> </ul>
3.	Safety measures proposed	
	a. Is First Aid facility provided by PP?	yes
	b. Details of PPEs	Safety helmet, Hand gloves Shoes etc.
	c. Whether Registration of Workers under Building and other Construction Workers' (regulation of Employment & Conditions of Service) Act, 1996 and as Beneficiaries with the Gujarat Building and other Construction Workers Welfare Boards is obtained or not?	Will be done after the agreement of the lease.
	d. Insurance of Workers	Nil
	e. Health checkup plan of workers	Every six-monthly plan for Health management.
<b>F. Transportation:</b>		
1.	No. of vehicles per day carrying Minerals	18
2.	Fugitive dust emission control measures	Attached road with lease shall be sprinkle with water daily to prevent fugitive emission during vehicular. Speed of vehicle will only restrict to the 20 km/hour on Kutcha Road
3.	Route plan in brief	Approach road is about 3.49 Km connected with State Highway- 45
<b>G. Financial details of the Project:</b>		
1.	Total cost of the project	Rs. 2,44,48,260
	a. Upfront cost	Not applicable
	b. Performance Security	Not applicable
	c. Total Royalty	Rs. -54,52,000
	d. Weigh Bridge Cost	Not applicable
	e. Labor cost equipment	Rs. 76,50,000 Equipment- 91,92,900/-
	f. Environment protection and	Its already incorporated in point no h.

	implementation cost	
	g. Green Belt Development & maintenance cost	<b>Its already incorporated in point no h.</b>
	h. Cost of EMP	Capital Cost – 15,67,760/- Recurring Cost – 5,85,600/-
	i. Cost of Safety measures	<b>Its already incorporated in point no h.</b>
	j. Cost of Post-Closure Mine Plan	<b>Its already incorporated in point no h.</b>
2.	Budget allocated for CER	It is proposing to invest Rs. 4,89,000/-for social environmental development of 2 % of total Project cost.
3.	Is need based survey for CER carried out? (Yes / No) If yes, give details of activities along with Budgetary Outlay	Yes Given below table.
Sr. No	Activity	Amount (INR)
1.	Contribution to already existing Primary Health Centre at an aerial distance of 4.5 Km from the cluster in the village Ratadiya.	<b>4,89,000/-</b>
1	04 no. Stainless Steel Double Wall Vertical Autoclave Sterilizer, 2-6 KW 2 X 44,500	89,000
2	02 no. Hi-Tech White, Blue Emergency Recovery Trolley, Model Name/Number: Hi Tech 16a, Size: 210 X 90 X 60 cm 10 X 40,000	4,00,000
<b>H. Restoration / Reclamation Plan:</b>		
1.	Restoration / Reclamation Details	<ul style="list-style-type: none"> <li>Restoration of land environment will be done in such a manner that flora fauna and plantation will flourish and also the area can be used for water harvesting and agriculture purposes.</li> </ul>
2.	Post mining closure plan	<ul style="list-style-type: none"> <li>In the per approved mining plan recovery of mineral is 95 %, Sub Grade 5 % and OB 5 % will be generated 12,203 MT throughout the mining which will be used for back filling in the bench space</li> <li>At the end Lessee will Develop Green belt in the statutory barrier area and back filled area with the Desi Bavad, Imli, Ashoka, Gulmohar.</li> <li>At the end of mine about 4 feet high boundary/Peripheral wall with barbed will be fenced around the water reservoir area.</li> </ul>
3.	Backfilling material and its quantity	0.80.89 Hect
4.	Size of void for Rain Water Harvesting after backfilling	2.31.61 Hect
5.	Post Closure Liability / Safety aspects and Measures to be taken to avoid wild life and	I. Will be fenced around the water reservoir area.

	human accidents/ casualties	II. 7.5-meter-thick green belt will be developed around the statutory barrier. Slop of 45 degree will be maintained in the pit.
6.	Display of Caution Boards at strategic locations on the periphery of the pit area	Yes
7.	Final Use of reservoir/ reclaimed land	Water Harvesting
<b>I. Details of Legal Action / Court Case:</b>		
1.	Details of Pending Court matter / Public Litigation Cases in any court of Law	No
2.	Details of Action taken by GPCB, if any	No
3.	Details of public complaint, if any	No
4.	Compliance of EC by RO-GPCB or MoEFCC-Bhopal	No
<b>J. Contact Details:</b>		
1.	<b>Contact details of Applicant</b>	
2.	Name	<b>Sama Alana Ibrahim</b>
3.	Address	R/O-Ratadiya, Taluka – Bhuj, Dist - Kutch
4.	Contact no.	8141500945
5.	Email Id	<a href="mailto:alanabhaimine@gmail.com">alanabhaimine@gmail.com</a>
6.	<b>Contact details of consultant</b>	
7.	Name	Cognizance Research India Private Ltd.
8.	Address	Suit No. - B 02, H - 61, sec - 63, Noida - 201301. (U.P).
9.	Contact no.	7434862261
10.	Email Id	Bgs.environment@gmail.com

#### **Deliberation:**

- Shri Sanchit Kumar, the consultant of the PP from M/s. Cognizance Research India Private Ltd. remained present in the meeting dated 09.11.2022 on behalf of the PP.
- He informed the Committee that TOR is granted to the proposal by SEIAA vide letter no. SEIAA/GUJ/TOR/1(a)/133/2020, dated 12.02.2020.
- Baseline study was carried out from October 2020 to December 2020.
- Public hearing was held on 10.02.2022.
- The proposal was considered during SEAC meeting dated 09.11.2022 and the Committee deliberated on the compliance of TOR, cluster situation, project cost, EMP, CER, traffic study, baseline monitoring, public hearing, EIA report, greenbelt development etc.
- Committee noted that the location of the lease is complying with the distance criteria prescribed by Hon'ble NGT before Principal Bench in the order of O.A. NO. 85/2019 (WZ) dtd. 30.09.2020; Sustainable Sand Mine Guideline of MOEF&CC, 2016; Enforcement & Monitoring Guidelines for Sand Mining issued by MoEFCC in January, 2020; MoEFCC letter vide no.6-60/2020WLP(1), dated 16.07.2020; MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No. 202 of 1995; Amended CRZ Notification 2011; MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014 etc.
- District Geologist, Bhuj (Kutch) has validated that there is no Reserve Forest / Protected Forest is located within 10 km radius of the proposed lease area.

- The mining plan is approved by Department of Geology & Mining vide letter no. CGM/MC/KCH/1409/6087, dated 24.07.2017.
- Method of mining is semi mechanized, opencast without blasting.
- Water consumption of the project shall not exceed 4.3 KLPD and shall be met through nearby tanker suppliers.
- Employment for approximately 17 people will be generated from the proposed project.
- **The details of Public Hearing is as below:**
  - The public hearing was held on 10.02.2022 at Gram Panchayat Bhavan, Village Ratadiya, Taluka, Bhuj, Dist. Kutch and no major concerns were raised during the public hearing.
    - PP has allocated Rs.20,91,960/- for the Environment Management Plan (Rs. 15,67,760/- as Capital Cost and Rs.5,24,200/- as Recurring cost) to comply with the issues raised during the public hearing.
- **The details of Restoration / Reclamation Plan is as below:**
  - Restoration of land environment will be done in such a manner that flora fauna and plantation will flourish and also the area can be used for water harvesting and agriculture purposes.
  - In the per approved mining plan recovery of mineral is 95 %, Sub Grade 5 % and OB 5 % will be generated 12,203 MT throughout the mining which will be used for back filling in the bench space
  - At the end Lessee will Develop Green belt in the statutory barrier area and back filled area with the Desi Bavad, Imli, Ashoka, Gulmohar.
  - At the end of mine about 4 feet high boundary/Peripheral wall with barbed will be fenced around the water reservoir area.

- **The details of EMP is as below:**

S. No.	Particulars	Budget Allocation in Lacs. (Capital)	Budget Allocation in Lacs. (Recurring)
1.	Overburden and removal and its management	No overburden is Present at site.	No Overburden is present at the site.
2.	Air pollution/ dust mitigation/ water sprinkling measures	421 Samplings will be planted around the lease area and at approach road with	Dust Suppression 1.7(KLD)*300(No. of working days) = 510 510/3(Tankers) = 170 170* 260 Rs. = 44,200 /-

		budget of 105250 Rs. (Given in Point no.8 )	
3.	Disposal of semi solid cutting and seizing waste	Semi solid cutting will be done only 5 % waste will generate, which will be stored and used for backfilling.	Semi solid cutting will be done only 5 % waste will generate, which will be stored and used for backfilling.  Which will cost about 45,000/-
4.	Removal of debris which is not required for back filling	No such debris will generate in the mining which can't be backfilled.	No such debris will generate in the mining which can't be backfilled.
5.	Blasting related safeguard expenses	Not required in Current mining project	Not required in Current mining project
6.	Noise pollution control measures	421 Samplings will be planted around the lease area and at approach road with budget of 105250 Rs. (Given in Point no.8)	Vehicle Maintenance = 1,43,200/-
7.	Approach roads to mining and treatment site	Lease area is already approachable and no Treatment site is proposed for	(Approach roads maintenance- 80,000 /-)

		the project.	
8.	Control of fugitive emission during loading and unloading, transportation.	421 Samplings will be planted around the lease area and at approach road with budget of 1,05,250 Rs.	Cost of Dust suppression is already incorporated in Point 2
9	Post closure restoration and reclamation (back filling, levelling, caution boards) including regressing and plantation etc. utilizing the void for rainwater storage and harvest reservoir.	7,01,010/- In the post mine closure area will be developed as water reservoir and backfilled.	Closure will do after exhaustion of the mineral
10	Fencing to prevent loss of wildlife and human movement	1,50,000/-	Fencing will be done before start of the mining operation.
11	Cost of laboratory analysis, if any	Cost of laboratory (Mineral monitoring) is already incorporated in Point 13	Cost of laboratory (Mineral monitoring) is already incorporated in Point 13
12	Cost of compliance of commitment during public hearing	No such financial commitment was made in Public Hearing	No such financial commitment was made in Public Hearing
13	Environment Monitoring	It will be done after 6 months of commencement	60,000*2=1,20,000 (Air- 20,000/- Water- 15,000 Soil – 15,000 - Noise- 10,000)

		of the project.		
14	Safety and health of worker/ public	1,22,500/-	Activity	Amount
			Doctors Visit	17,000/-
			Medicine Budget	17,000/-
			Quarterly pulmonary function test	40,800/-
			Extra Budget for medical test if required as per doctor's recommendation	17,000/-
			Total	91,800/-
15	CER activates	4,89,000/-	-	
	Sr. No	Activity		Amt. (INR)
	1	Contribution to already existing Primary Health Centre at an aerial distance of 4.5 Km from the cluster in the village Ratadiya.		489000/-
	Total in Rs.	15,67,760/-	5,24,200/-	
	Grand Total in Rs.20.91.960/-			

- The details of CER is as below:

No.	Activity	Amt. (INR)
1.	Contribution to already existing Primary Health Centre at an aerial distance of 4.5 Km from the cluster in the village Ratadiya.	489000/-

Considering the anticipated impacts of mining, mitigation measures proposed by the lease holder, committee unanimously decided to recommend the above proposal for grant of Environmental Clearance to SEIAA, subject to the strict implementation of conditions mentioned for **Non Sand Mining without Blasting project** approved by SEAC on 09/08/2017 and by SEIAA on 16/09/2017 with specific conditions as per **Annexure – I**.

11	<b>BUILDING LIMESTONE MINING</b>	<b>DIST: KUTCH</b>	<b>B1 APPRAISAL</b>
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i.	Application No	SIA/GJ/MIN/56183/2020
ii.	Name of Project	Shri Kantilal J. Gor
iii.	S.No.	386 Paiki
iv.	Village	Ratadiya
v.	Taluka	Bhuj
vi.	Dist	Kutch
vii.	Lease Area	4.50.00 Ha
viii.	Validity of lease	Lease order vide letter no. G.K.QL/6714/5912, dated 21.04.2006 for 5 years.  Lease agreement vide letter no. GKK/QL/Bhuj/6714/6996, dated 16.05.2006 for 5 years.
ix.	ROM	3,69,855 MTPA
x.	Nearest Human Habitation	Ratadiya – 0.55 Km
xi.	End Use	Construction
xii.	Investment in Rs	Rs. 2.65568 Crore
xiii.	Date of Application Accepted by SEAC	07.10.2022

The Project Falls Under B1 Category – 1(A), i.e. mining of minerals as per the provision of EIA Notification, 2006. Project proponent has applied to obtain Environment Clearance (EC) For Mining of Building Limestone.

**A. Basic Information of the Project:**

<b>1</b>	Name of Project as per Form I	<b>Shri Kantilal J. Gor</b>
<b>2</b>	Address of the lease	Village:Ratadiya, Taluka:Bhuj, District:Kutch, State: Gujarat
<b>3</b>	Name of lease holder	<b>Shri Kantilal J. Gor</b>
<b>4</b>	Lease area (Ha)	4.50.00 Hect.
<b>5</b>	Cluster Details	Cluster ID – KUT BHUJ 20
	a. Total no. of leases in the cluster	12
	b. No. of TOR granted in cluster	3
	c. No. of EC granted in cluster	6
	d. Total area of the cluster	44.88.96
	e. Maximum individual lease area	4.50.00
	f. Minimum individual lease area	1.38.00
<b>6</b>	Validity of lease with the	31/03/2030 As per GMMCR 2018 (12I)

	date of expiry																
7	Rate of Mining (MT/Annum)	3,69,855MTPA															
8	Details of EC obtained (for expansion projects), if any	Nil															
9	Name of River Bed	Not applicable															
1	Is the river perennial / non-perennial?	Not applicable															
1	Lease area (submerged / in stream / on dry river bed)	Not applicable															
1	All coordinates of the lease area as per Approved Mining Plan	<table> <tr> <th>Sr. No.</th><th>Latitude</th><th>Longitude</th></tr> <tr> <td>1.</td><td>23°51'14.59"N</td><td>69°46'10.51"E</td></tr> <tr> <td>2.</td><td>23°51'12.98"N</td><td>69°46'18.67"E</td></tr> <tr> <td>3.</td><td>23°51'6.85"N</td><td>69°46'17.29"E</td></tr> <tr> <td>4.</td><td>23°51'8.64"N</td><td>69°46'9.17"E</td></tr> </table>	Sr. No.	Latitude	Longitude	1.	23°51'14.59"N	69°46'10.51"E	2.	23°51'12.98"N	69°46'18.67"E	3.	23°51'6.85"N	69°46'17.29"E	4.	23°51'8.64"N	69°46'9.17"E
Sr. No.	Latitude	Longitude															
1.	23°51'14.59"N	69°46'10.51"E															
2.	23°51'12.98"N	69°46'18.67"E															
3.	23°51'6.85"N	69°46'17.29"E															
4.	23°51'8.64"N	69°46'9.17"E															
1	Manpower requirement	20															
1	Applicability of CRZ Notification	Not applicable															
1	Minimum Setback distance proposed to be maintained from River Bed (m)	Not applicable															
1	Minimum buffer distance from bridge piers / water intake wells / irrigation structures	SH - 45 is about 4.21 Km from lease area															
1	Maximum depth of sand removal (3 m or water depth whichever is less)	Not Applicable															
1	Width of Riverbed (m)	Not Applicable															
1	Average depth of water at lease area (m)	60-65 M															
2	Depth of mining (m)	55 m															
2	Ground Water Table in meter BGL	60-65 M															
2	Does mining activity intersect ground water?(Yes / No) If yes, status report of CGWA	No															
2	Distance between lease and main road	0.71 Km															
2	Length of kaccha road (m)	0.31 km															
2	Length of pacca road (m)	0.40 Km															
2	Plan for making pacca road	No															
2	Source of fresh water	Drinking water will be Purchase from nearby water suppliers. And for the dust suppression and plantation will be Purchase from nearby tanker suppliers															
2	Water requirement (KLPD)	Total -4.436KLD															
	a. Domestic	0.14KLD															
	b. Dust suppression	3.6 KLD															
	c. Gardening / Green belt development	0.696 KLD															
	d. others	-															

2	Whether the Undertaking is submitted for identical information provided in Form I, Approved Mining Plan, Project Details validated by District Geologist, Pre-Feasibility Report, Lease Document, Environment Management Plan and other documents	yes
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B. Environmental Sensitivities:				
Sr No.	Environmental Sensitivities	Actual Distance	Minimum Distance	Reference
1.	Residential	Ratadiya- 0.55 Km, (Ratadiya-population- 1340 As per 2011 Census)	100 m  (Blasting is not involved)	As per CPCB Distance Criteria And order of of NGT before Principal Bench in the O.A. NO 85/2018 ( WZ) dtd 30.09.2020
	Public buildings	Primary School at Ratadiya=800 m		
	Inhabited sites	Ratadiya- 0.55 Km		
	Protected monuments,	JesalToral Samadhi- 85.44 Km		
	Heritage sites	Aaina Mahal Palace -66.91 Km		
	National / State Highway	NH-8A/41 = 87.74 km SH-45 = 3.48 km		
	District roads	0.30 km		
	Public roads	0.40 Km		
	Railway line / area	Railway Track 65.90 Km		
	Ropeway or Ropeway trestle or station	BhujRailway station- 66.80 km		
	Bridges	SH - 45 bridge- 4.21Km		
	Dams	Check Dam 735 m		
	Reservoirs	735 m		

	River	Seasonal Stream 679 m		
	Canal	There is no Canal under 1 Km		
	Lakes	There is no Lakes under 1 Km		
	Tanks	There is no tanks under 10 Km		
2.	Eco-Sensitive Zone (if notified)	There is no wildlife sanctuary in 10 Km radius	i. Outside the Eco- Sensitive Zone (if located within Notified Eco- Sensitive Zone, Prior Clearance of NBWL required)	As per 3(i) of MoEFCC letter vide no. 6- 60/2020WLPart (1), dated 16.07.2020
			ii. >1 km and <10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL may not be applicable)	As per 4(ii) & 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019
			iii. Proposal involving mining of mineral within 1 km from boundary of National Park and Sanctuaries is prohibited	As per 4(iv) of MoEFCC OM vide no. 22-43/2018- IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. GodavarmanThirumulpad Vs. UOI in W.P.(C) No. 202 of 1995
3.	Eco-Sensitive Zone (if not notified)	Not Applicable	>1 km and <10 km = Prior Clearance from NBWL is required	Vide directives of MOEF&CC dtd 16.07.2020
4.	Attraction of General Conditions for change in category from 'B' to 'A'.	Not Applicable	0 to 5 km from the boundary of Environmental sensitivities prescribed in the referred Notification	MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014

5.	Distance of Coastal line from the site	More than 100 Km	>500 M from HTL	Amended CRZ Notification 2011
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**C. Details of Mining:**

1.	Method of Mining (Manual / Semi-mechanized / Mechanized).	Semi-mechanized
2.	Equipment's to be used for Mining bulldozers, hydraulic excavators, JCB, scrapers, loaders, Diesel Pump, etc.)	Hydraulic excavators, loaders
3.	Whether it includes blasting?	Not Applicable
4.	Details of Authorized Blasting Agency with date of validity certificate	Not Applicable
5.	Procedure / SOP (in brief)	Not Applicable
6.	Details of Blasting Parameters in brief	Not Applicable
7.	Frequency of blasting	Not Applicable
8.	Impact of blasting	Not Applicable
9.	Outcome of Vibration study	Not Applicable
10.	Blasting Activity Management Plan	Not Applicable
11.	Use of any Chemical with quantity	Not Applicable
12.	Precautions taken for Human Safety in brief	Not Applicable
13.	Crusher provided? If Yes, Measures taken for Air Pollution Control	Not Applicable
14.	Compliance of DGMS Guidelines for Blasting	Not Applicable
15.	Compliance of Sustainable Sand Mine Guidelines published by MoEFCC in 2016	Not Applicable
16.	Whether Replenishment Rate Study is approved by District Geologist? If yes, conclude in brief	No

**D. Details of Green Belt Development:**

1.	a. Green belt development budget	1,12,500 /- Rs.
	b. Green belt area / location	Along the statutory barrier and at approach road
	c. No. of trees to be planted	450
	d. Types of trees to be planted	Indigenous, Charu, Khakhara

**E. Details of Environment Management Plan:**

1.	Details of EMP	Impact	Mitigation Measures
	a. Land Environment	By the extraction of mineral from the lease area impacts to change the land pattern	❖ Restoration of land environment will be done in such a manner that flora fauna and plantation will flourish and also the area can be used for water harvesting and agriculture purposes.
	b. Water Environment	Pollution of surface run off. Depletion of ground water table.	❖ Ground water table is about 60 - 65 bgl, mining will do till depth of 55 meter from general Ground level. ❖ Mining shall not intersect ground

		<p>table.</p> <ul style="list-style-type: none"> <li>❖ Domestic wastewater shall be disposed off through septic tank-soak pit</li> </ul>
c. Air Environment	<p>1. Gaseous emission from vehicles and machineries used</p> <p>2. Dust Pollution</p>	<ul style="list-style-type: none"> <li>❖ Proponent will spend 93,600 /- per year for sprinkling to internal road, loading, unloading point and all transfer points.</li> <li>❖ Proponent will develop green belt around lease area with 1,12,500/- and will spend 10,000/- per year for the maintenance and replenishment of the plants.</li> <li>❖ Mineral transportation shall be done only through covered trucks, so that no spillage of mineral /dust take place.</li> <li>❖ Regular compaction and grading of haul roads to clear accumulation of loose material.</li> <li>❖ Skilled operators to operate excavators to reduce dust emission during loading operation dust emissions.</li> </ul>
d. Noise Environment	Noise due to working through heavy machinery.	<ul style="list-style-type: none"> <li>❖ Noise monitoring will be done at the Project boundary/High noise generating areas within the project boundary by sound level meter.</li> <li>❖ Ear muffs will be used during high noise activity.</li> <li>❖ PPEs will be provide to the workers.</li> </ul>
e. Biological Environment	Nil	<ul style="list-style-type: none"> <li>❖ Green area will be provided for attenuating noise, fugitive emissions and presenting aesthetics look.</li> </ul>
f. Human Environment		<ul style="list-style-type: none"> <li>❖ Suitable and properly maintained first-aid outfit should be kept at the mine for use in case of accident</li> <li>❖ Safety equipment's like dust masks and ear muffs etc.</li> <li>❖ Health camps shall be arranged for local villagers and workers.</li> </ul>
g. Others		

2.	Occupational health & safety measures as per DGMS	<ul style="list-style-type: none"> <li>❖ Suitable and properly maintained first-aid outfit should be kept at the mine for use in case of accident</li> <li>❖ Lessee will spend about 1,35,300Rs for the safety of the workers by providing them PPE kits every year</li> <li>❖ Safety equipment like dust masks and ear muffs etc.</li> <li>❖ Safety helmet where falling objects may create a hazard shall be provided.</li> <li>❖ Health camps shall be arranged for local villagers and workers.</li> </ul>
3.	Safety measures proposed	
	a. Is First Aid facility provided by PP?	yes
	b. Details of PPEs	Safety helmet, Hand gloves Shoes etc.
	c. Whether Registration of Workers under Building and other Construction Workers' (regulation of Employment & Conditions of Service) Act, 1996 and as Beneficiaries with the Gujarat Building and other Construction Workers Welfare Boards is obtained or not?	Will be done after the agreement of the lease.
	d. Insurance of Workers	Nil
	e. Health checkup plan of workers	Every six-monthly plan for Health management.
<b>F. Transportation:</b>		
1.	No. of vehicles per day carrying Minerals	61
2.	Fugitive dust emission control measures	Attached road with lease shall be sprinkle with water daily to prevent fugitive emission during vehicular. Speed of vehicle will only restrict to the 20 km/hour on Kutcha Road
3.	Route plan in brief	Approach road is about 3.48 Km connected with State Highway– 45
<b>G. Financial details of the Project:</b>		
1.	Total cost of the project	Rs. 3,31,05,266
	a. Upfront cost	Not applicable
	b. Performance Security	Not applicable
	c. Total Royalty	Rs. –1,84,92,750
	d. Weigh Bridge Cost	Not applicable
	e. Labor cost equipment	Rs. 31,50,000 Equipment- 93,55,160/-
	f. Environment protection and implementation cost	Its already incorporated in point no h.
	g. Green Belt Development & maintenance cost	Its already incorporated in point no h.

	h. Cost of EMP	Capital Cost – 17,28,016/- Recurring Cost – 3,79,340/-	
	i. Cost of Safety measures	<b>Its already incorporated in point no h.</b>	
	j. Cost of Post-Closure Mine Plan	<b>Its already incorporated in point no h.</b>	
2.	Budget allocated for CER	It is proposing to invest Rs. 6,63,000/-for social environmental development of 2 % of total Project cost.	
3.	Is need based survey for CER carried out? (Yes / No) If yes, give details of activities along with Budgetary Outlay	Yes Given below table.	
Sr. No	Activity		Amount (INR)
1.	Contribution to already existing Primary Health Centre at an aerial distance of 4.5 Km from the cluster in the village Ratadiya.		6,63,000/-
1	4 no. Providing X – Ray Machine Machine Type: Fixed (Stationary) Hindray X-Ray Machine, Line Frequency, 100 kVp.	4,80,000	
2	2 no. 3 Channel ECG Machine 91,500 X 2	1,83,000	

<b>H. Restoration / Reclamation Plan:</b>		
1.	Restoration / Reclamation Details	<ul style="list-style-type: none"><li>Restoration of land environment will be done in such a manner that flora fauna and plantation will flourish and also the area can be used for water harvesting and agriculture purposes.</li></ul>
2.	Post mining closure plan	<ul style="list-style-type: none"><li>In the per approved mining plan recovery of mineral is 100 % &amp; OB will be generated throughout the mining which will be used for back filling in the bench space.</li><li>At the end Lessee will Develop Green belt in the statutory barrier area and back filled area with the Desi Bavad, Imli, Ashoka, Gulmohar.</li><li>At the end of mine about 4 feet high boundary/Peripheral wall with barbed will be fenced around the water reservoir area.</li></ul>
3.	Backfilling material and its quantity	0.20.00 Hect
4.	Size of void for Rain Water Harvesting after backfilling	3.86.25 Hect
5.	Post Closure Liability / Safety aspects and Measures to be taken to avoid wild life and human accidents/ causalities	III. Will be fenced around the water reservoir area. IV. 7.5-meter-thick green belt will be developed around the statutory barrier. Slop of 45 degree will be maintained in the pit.
6.	Display of Caution Boards at strategic locations on the periphery of the pit area	Yes
7.	Final Use of reservoir/ reclaimed land	Water Harvesting

<b>I. Details of Legal Action / Court Case:</b>		
1.	Details of Pending Court matter / Public	No



	Litigation Cases in any court of Law	
2.	Details of Action taken by GPCB, if any	No
3.	Details of public complaint, if any	No
4.	Compliance of EC by RO-GPCB or MoEFCC-Bhopal	No

**J. Contact Details:**

1.	<b>Contact details of Applicant</b>	
2.	Name	<b>Shri Kantilal J. Gor</b>
3.	Address	R/O-Rameshwar Street, Khatri Chakla, Taluka – Bhuj, Dist - Ktuch
4.	Contact no.	8141500945
5.	Email Id	kantilamine@gmail.com
6.	<b>Contact details of consultant</b>	
7.	Name	Cognizance Research India Private Ltd.
8.	Address	B 02, H - 61, sec - 63, Noida - 201301. (U.P).
9.	Contact no.	7434862261
10.	Email Id	Bgs.environment@gmail.com

**Deliberation:**

- Shri Sanchit Kumar, the consultant of the PP from M/s. Cognizance Research India Private Ltd. remained present in the meeting dated 09.11.2022 on behalf of the PP.
- He informed the Committee that TOR is granted to the proposal by SEIAA vide letter no. SEIAA/GUJ/TOR/1(a)/1485/2020, dated 04.12.2020.
- Baseline study was carried out from October 2020 to December 2020.
- Public hearing was held on 10.02.2022.
- The proposal was considered during SEAC meeting dated 09.11.2022 and the Committee deliberated on the compliance of TOR, cluster situation, project cost, EMP, CER, traffic study, baseline monitoring, public hearing, EIA report, greenbelt development etc.
- Committee noted that the location of the lease is complying with the distance criteria prescribed by Hon'ble NGT before Principal Bench in the order of O.A. NO. 85/2019 (WZ) dtd. 30.09.2020; Sustainable Sand Mine Guideline of MOEF&CC, 2016; Enforcement & Monitoring Guidelines for Sand Mining issued by MoEFCC in January, 2020; MoEFCC letter vide no.6-60/2020WLPart(1), dated 16.07.2020; MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No. 202 of 1995; Amended CRZ Notification 2011; MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014 etc.
- District Geologist, Bhuj has validated that Chhari Dhand Reserve Sanctuary is located at about 40 km SW direction from the proposed lease area.
- The mining plan is approved by Department of Geology & Mining vide letter no. CGM/MC/KCH/1478/2202, dated 15.06.2020.
- Method of mining is semi mechanized, opencast without blasting.
- Water consumption of the project shall not exceed 4.436 KLPD and shall be met through nearby tanker suppliers.
- Employment for approximately 20 people will be generated from the proposed project.
- **The details of Public Hearing is as below:**

- The public hearing was held on 10.02.2022 at Gram Panchayat Bhavan, Village Ratadiya, Taluka, Bhuj, Dist. Kutch and no major concerns were raised during the public hearing.
- PP has allocated Rs.21,25,452/- for the Environment Management Plan (Rs. 17,28,016/- as Capital Cost and Rs.3,97,436/- as Recurring cost) to comply with the issues raised during the public hearing.

● **The details of Restoration / Reclamation Plan is as below:**

- Restoration of land environment will be done in such a manner that flora fauna and plantation will flourish and also the area can be used for water harvesting and agriculture purposes.
- In the approved mining plan recovery of mineral is 100 % & OB will be generated throughout the mining which will be used for back filling in the bench space.
- At the end Lessee will Develop Green belt in the statutory barrier area and back filled area with the Desi Bavad, Imli, Ashoka, Gulmohar.
- At the end of mine about 4 feet high boundary/Peripheral wall with barbed will be fenced around the water reservoir area.

● **The details of EMP is as below:**

S. No.	Particulars	Budget Allocation in Lacs. (Capital)	Budget Allocation in Lacs. (Recurring)
1.	Overburden and removal and its management	No overburden is available at site.	No overburden is available at site.
2.	Air pollution/ dust mitigation/ water sprinkling measures	450 saplings will be planted in around the lease area and at approach road with budget of about 112500 Rs. (Points included in point no.8)	Dust Suppression 3.6 (KLD)*300 (No. of working days) = 1080 1080/3 =380(Tankers) 380*260 1200Rs. = 93,600/-
3.	Disposal of semi solid cutting and seizing waste	No waste will generate from semi- solid cutting.	No waste will generate from semi-solid cutting.

4.	Removal of debris which is not required for back filling	No such debris will generate in the mining which can't be backfilled.	No such debris will generate in the mining which can't be backfilled.
5.	Blasting related safeguard expenses	Not required in Current mining project	Not required in Current mining project
6.	Noise pollution control measures	450 saplings will be planted in around the lease area and at approach road with budget of about 112500 Rs. (Points included in point no.8)	Vehicle Maintenance = 66,036/-
7.	Approach roads to mining and treatment site	Lease area is already approachable and no Treatment site is proposed for the project.	(Approach roads maintenance- 80,000 /-)
8.	Control of fugitive emission during loading and unloading, transportation.	450 saplings will be planted in around the lease area and at approach road with budget of about 112500 Rs.	Cost of Dust suppression is already incorporated in Point 2
9	Post closure restoration and reclamation (back filling, levelling, caution boards) including regressing and plantation etc. utilizing the void	Rs. 7,05,016/- In the post mine closure area will	Closure will do after exhaustion of the mineral

	for rainwater storage and harvest reservoir.	be developed as water reservoir and backfilled.			
10	Fencing to prevent loss of wildlife and human movement	1,50,000/-	Fencing will be done before start of the mining operation.		
11	Cost of laboratory analysis, if any	Cost of laboratory (Mineral monitoring) is already incorporated in Point 13	Cost of laboratory (Mineral monitoring) is already incorporated in Point 13		
12	Cost of compliance of commitment during public hearing	No such financial commitment was made in Public Hearing	No such financial commitment was made in Public Hearing		
13	Environment Monitoring	It will be done after every 6 months of the commencement of the project.	60,000*2=1,20,000 (Air- 20,000/- Water- 15,000 Soil – 15,000 - Noise- 10,000)		
14	Safety and health of worker/ public	97,500/-	Activity		Amount
			Doctors Visit		7000/-
			Medicine Budget		7000/-
			Quarterly pulmonary function test		16,800/-
			Extra Budget for medical test if required as per doctor's recommendation		7000/-
			Total		37,800/-
15	CER activates	6,63,000/-	-		
	Sr. No	Activity			Amt. (INR)

1.	Contribution to already existing Primary Health Centre at an aerial distance of 4.5 Km from the cluster in the village Ratadiya.	6,63,000/-	
<b>Total in Rs.</b>		17,28,016/-	3,97,436/-
<b>Grand Total in Rs.21,25,452/-</b>			

- The details of CER is as below:

No.	Activity	Amt. (INR)
1.	Contribution to already existing Primary Health Centre at an aerial distance of 4.5 Km from the cluster in the village Ratadiya.	6,63,000/-

Considering the anticipated impacts of mining, mitigation measures proposed by the lease holder, committee unanimously decided to recommend the above proposal for grant of Environmental Clearance to SEIAA, subject to the strict implementation of conditions mentioned for **Non Sand Mining without Blasting project** approved by SEAC on 09/08/2017 and by SEIAA on 16/09/2017 with specific conditions as per **Annexure – I**.

<b>12</b>	<b>ORDINARY SAND MINING</b>	<b>DIST: ANAND</b>	<b>B2 EC</b>
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i.	Application No	SIA/GJ/MIN/402104/2022
ii.	Name of Project	Shri Jay Ambe Reti Kadhna Od Gnati Majur Ane Kamgaroni Sahkari Mandali
iii.	S.No.	745,746,724,723,722,721,749, pvt land
iv.	Village	Gambhira
v.	Taluka	Anklav
vi.	Dist	Anand
vii.	Lease Area	3.95.07 Ha
viii.	Validity of lease	Quarry Permit application dated 10.05.2022 for 180 days
ix.	ROM	1,00,000 MT/permit time of 180 days
x.	River	Not in riverbed. (Pvt. Land)
xi.	Nearest Human Habitation	Majpur - 0.86 Km
xii.	End Use	Construction
xiii.	Investment in Rs	79.91 LAKHS
xiv.	Date of Application Accepted by SEAC	15.10.2022

The Project Falls Under B2 Category – 1(A), i.e. mining of minerals as per the provision of EIA Notification, 2006. Project proponent has applied to obtain Environment Clearance (EC) For Mining of

Ordinary Sand.

**A. Basic Information of the Project:**

1.	Name of Project as per Form I	<b>Shri Jay Ambe Reti Kadhna Od GnatiMajurAneKamgaroniSahkariMandali</b>		
2.	Address of the lease	Village: Gambhira, Taluka: Anklaav, District: Anand, State: Gujarat		
3.	Name of lease holder	<b>Shri Jay AmbeRetiKadhna Od GnatiMajurAneKamgaroniSahkariMandali</b>		
4.	Lease area (Ha)	3.95.07 Hect		
5.	Cluster Details	Not Applicable		
	a. Total no. of leases in the cluster	Not Applicable		
	b. No. of TOR granted in cluster	Not Applicable		
	c. No. of EC granted in cluster	Not Applicable		
	d. Total area of the cluster	Not Applicable		
	e. Maximum individual lease area	Not Applicable		
	f. Minimum individual lease area	Not Applicable		
6.	Validity of lease with the date of expiry	<b>Quarry Permit application Date- 10.05.2022</b>		
7.	Rate of Mining (MT/Annum)	16,666.66 MTPM		
8.	Details of EC obtained (for expansion projects), if any	Nil		
9.	Name of River Bed	Mahi river bed		
10.	Is the river perennial / non-perennial?	Non-perennial		
11.	Lease area (submerged / in stream / on dry river bed)	On dry riverbed		
12.	All coordinates of the lease area as per Approved Mining Plan	<b>Pillars</b>	<b>Latitude</b>	<b>Longitude</b>
		1	N22° 15' 29.5489"	E72°58' 53.0667"
		2	N22° 15' 30.1063"	E72°58' 51.4969"
		3	N22° 15' 31.5462"	E72°58' 52.3697"
		4	N22° 15' 33.3653"	E72°58' 52.4696"
		5	N22° 15' 34.0844"	E72°58' 49.2470"
		6	N22° 15' 34.9146"	E72°58' 49.5988"
		7	N22° 15' 34.6018"	E72°58' 51.1156"
		8	N22° 15' 35.3375"	E72°58' 51.3427"
		9	N22° 15' 34.5795"	E72°58' 54.3937"
		10	N22° 15' 31.7725"	E72°58' 54.6830"
		11	N22° 15' 31.5881"	E72°58' 53.9126"
		12	N22° 15' 31.5414"	E72°58' 53.5779"
		13	N22° 15' 32.3366"	E72°58' 57.0267"
		14	N22° 15' 34.0242"	E72°58' 56.7915"
		15	N22° 15' 33.8600"	E72°58' 58.4446"
		16	N22° 15' 33.9682"	E72°59' 0.9865"
		17	N22° 15' 35.3142"	E72°59' 1.2079"
		18	N22° 15' 34.9641"	E72°59' 2.5784"
		19	N22° 15' 39.6406"	E72°59' 2.7519"

		20	N22° 15' 39.3053"	E72°59' 2.7519"
		21	N22° 15' 37.3976"	E72°59' 3.8963"
		22	N22° 15' 37.4220"	E72° 59' 3.8156"
		23	N22° 15' 39.3207"	E72° 59' 4.7150"
		24	N22° 15' 39.3455"	E72°59' 4.5714"
		25	N22° 15' 38.3029"	E72°59' 6.6745"
		26	N22° 15' 36.6725"	E72°59' 7.8914"
		27	N22° 15' 36.3229"	E72°59' 7.8914"
		28	N22° 15' 35.9799"	E72°59' 5.9660"
		29	N22° 15' 34.3087"	E72°59' 6.1220"
		30	N22° 15' 34.8060"	E72°59' 4.7470"
		31	N22° 15' 34.3764"	E72°59' 4.8171"
		32	N22° 15' 33.2257"	E72°59' 1.2463"
13.	Manpower requirement	10		
14.	Applicability of CRZ Notification	Not applicable		
15.	Minimum Setback distance proposed to be maintained from River Bed (m)	More than 10 meters		
16.	Minimum buffer distance from bridge piers / water intake wells / irrigation structures	NH- 228 bridge: 1.38 Km in E direction from lease area		
17.	Maximum depth of sand removal (3 m or water depth whichever is less)	0.6 m per year.		
18.	Width of Riverbed (m)	Out of the lease area		
19.	Average depth of water at lease area (m)	15-20 m		
20.	Depth of mining (m)	1 meter		
21.	Ground Water Table in meter BGL	15-20 m		
22.	Does mining activity intersect ground water?(Yes / No) If yes, status report of CGWA	No		
23.	Distance between lease and main road	1.35 Km		
24.	Length of kaccha road (m)	0.45Km		
25.	Length of pacca road (m)	0.90Km		
26.	Plan for making pacca road	No		
27.	Source of fresh water	Drinking water will be Purchase from nearby water suppliers. And for the dust suppression and plantation will be Purchase from nearby tanker suppliers		
28.	Water requirement (KLPD)	Total –5.01KLD		
	a. Domestic	0.4 KLD		
	b. Dust suppression	1.45KLD		
	c. Gardening / Green belt development	3.16 KLD		
	d. Others	Nil		
29.	Whether the Undertaking is submitted for identical information provided in Form I, Approved Mining Plan, Project Details validated by District	Yes		

	Geologist, Pre-Feasibility Report, Lease Document, Environment Management Plan and other documents			
<b>B. Environmental Sensitivities:</b>				
Sr no	Mining Type	Actual distance	Minimum Distance	Locations
1	Residential	Gambhira 1.64 Km (Gambhira population: 7939 As per 2011 Census)	100M (When Blasting is not involved)	As per order of NGT before Principal Bench in the O.A. NO 85/2018 (WZ) dtd 30.09.2020
	Public buildings	Primary school Gambhira = 2.08 Km		As per order of NGT before Principal Bench in the O.A. NO 85/2018 (WZ) dtd 30.09.2020
	Inhabited sites	Mujpur 0.86 Km		
2.	A. Major Bridge	NH- 228 bridge: 1.38 Km in E direction from lease area	1 km	On both sides of the lease (as per Sustainable Sand Mine Guideline of MOEF&CC)
	B. Highway	NH-228 is about 1.36 Km in E Direction.	1 km	On both sides of the lease (as per Sustainable Sand Mine Guideline of MOEF&CC)
OR				
3.	Bridge (Span of Bridge as X)	Not Applicable	5X in upstream or 250 m. 10X in downstream or 500 m	As per Sustainable Sand Mine Guideline of MOEF & CC
4.	Public Structure including water intake wells	There is no Public Structure under 1 km from lease area	a. 5X in upstream or 250 m. b. 10X in downstream or 500 m	As per Sustainable Sand Mine Guideline of MOEF & CC
5	Depth of working	0.6 meters  Ground water table at lease area 15 m -20 meter	1 M or water level whichever is early	As per order of NGT before Principal Bench in the O.A. NO 85/2018 (WZ) dtd 30.09.2020)
6	Set Back Distance to prevent river bank erosion	More than 10 meters	10 M or 1/4th of width of river	As per order of Honorable SC dtd 27.02.2020 and Sustainable Sand Mine Guideline of MOEF&CC
7	Mineable Material per Hectare area for actual mining shall not exceed maximum	16,666.66 MTPM	60,000 MTPA Per Hectare	As per Sustainable Sand Mine Guideline of MOEF&CC



	production			
8	Water supply Scheme/Irrigation structure	Canal = 4.52 Km	200 M	As per Sustainable Sand Mine Guideline of MOEF&CC
9	Railway Line	Railway Line – 16.96 km	100 M	As per Sustainable Sand Mine Guideline of MOEF&CC
10.	Reservoir / Canal	Canal = 4.52 Km	100 M	As per CPCB Distance Criteria And order of of NGT before Principal Bench in the O.A. NO 85/2018 (WZ) dtd 30.09.2020
11.	Other Road	Public Road- 1.00 Km	100 M	As per CPCB Distance Criteria And order of of NGT before Principal Bench in the O.A. NO 85/2018 (WZ) dtd 30.09.2020
12	Eco-Sensitive Zone (if notified)	Distance of Eco-zone of Jambhughoda About 58.30 Km	i. Outside the Eco-Sensitive Zone (if located within Notified Eco-Sensitive Zone, Prior Clearance of NBWL required)	As per 3(i) of MoEFCC letter vide no. 6-60/2020WLPart (1), dated 16.07.2020
			ii. >1 km and <10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL may not be applicable)	As per 4(ii) & 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019
			iii. Proposal involving mining of mineral within 1 km from boundary of National Park and Sanctuaries is prohibited	As per 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. GodavarmanThirumulpad Vs. UOI in W.P.(C) No. 202 of 1995

13.	Eco-Sensitive Zone (if not notified)	Not Applicable	i Outside the Eco-Sensitive Zone ii. >1 km and <10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL required)	As per 3(ii) of MoEFCC letter vide no. 6-60/2020WLPart (1), dated 16.07.2020
14.	Attraction of General Conditions for change in category from 'B' to 'A'.	Not Applicable	0 to 5 km from the boundary of Environmental sensitivities prescribed in the referred Notification	MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014
15.	Distance of Coastal line from the site	There no coastal line under 10 Km in lease area.	>500 M from HTL	Amended CRZ Notification 2011

**C. Details of Mining:**

1.	Method of Mining (Manual / Semi-mechanized / Mechanized).	Semi-mechanized
2.	Equipment's to be used for Mining bulldozers, hydraulic excavators, JCB, scrapers, loaders, Diesel Pump, etc.)	Hydraulic excavators, JCB, loaders
3.	Whether it includes blasting?	Not Applicable
4.	Details of Authorized Blasting Agency with date of validity certificate	Not Applicable
5.	Procedure / SOP (in brief)	Not Applicable
6.	Details of Blasting Parameters in brief	Not Applicable
7.	Frequency of blasting	Not Applicable
8.	Impact of blasting	Not Applicable
9.	Outcome of Vibration study	Not Applicable
10.	Blasting Activity Management Plan	Not Applicable
11.	Use of any Chemical with quantity	Not Applicable
12.	Precautions taken for Human Safety in brief	Not Applicable
13.	Crusher provided? If Yes, Measures taken for Air Pollution Control	Not Applicable
14.	Compliance of DGMS Guidelines for Blasting	Not Applicable
15.	Compliance of Sustainable Sand Mine Guidelines published by MoEFCC in 2016	Not Applicable
16.	Whether Replenishment Rate Study is approved by District Geologist? If yes, conclude in brief	No (It will be submitted with the EIA)

**D. Details of Green Belt Development:**

1.	a. Green belt development budget	20,000Rs.
	b. Green belt area / location	Along river coarse and at approach road
	c. No. of trees to be planted	80
	d. Types of trees to be planted	Indigenous

**E. Details of Environment Management Plan:**

1.	Details of EMP	Impact	Mitigation Measures
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a. Land Environment	By the extraction of mineral from the lease area impacts to change the land pattern	The mining lease area granted which is Pvt. land. Due to mining the land pattern will be change for some time but will be come up in its pre stage after monsoon.
b. Water Environment	Pollution of surface run off. Depletion of ground water table. Change in river coarse	<ul style="list-style-type: none"> <li>❖ Depth of excavation /mining shall be restricted to 0.6 m or water level at site, whichever is less.</li> <li>❖ No In stream mining will be done.</li> </ul> Noeffluent will be generated due to mining activities.
c. Air Environment	1.Gaseous emission from vehicles and machineries used 2. Dust Pollution	<ul style="list-style-type: none"> <li>❖ Proponent will Spend Rs 32,760per year for sprinkling to internal road, loading point all transfer points.</li> <li>❖ Proponent will develop green belt around the lease area with Rs 20,000and will spend Rs 15,000 per year for the maintenance and replenishment of the plants.</li> <li>❖ Attached road shall be sprinkle with water daily to prevent fugitive emission during vehicular. Speed of vehicle will only restrict to the 20 km/hour on Kutcha Road.</li> <li>❖ Vehicles used in mines and transportation shall be maintained well to mitigate the fugitive emission.</li> </ul>
d. Noise Environment	Noise due to working through heavy machinery.	<ul style="list-style-type: none"> <li>❖ Ear muffs will be used during high noise activity.</li> <li>❖ Regular maintenance of machineries shall be done</li> </ul>
e. Biological Environment	Nil	Nil
f. Human Environment		<ul style="list-style-type: none"> <li>❖ Suitable and properly maintained first-aid outfit should be kept at the mine for use in case of accident</li> <li>❖ Safety equipment's like dust masks and ear</li> </ul>

			muffs etc. ❖ Health camps shall be arranged for local villagers and workers.
	g. Others		
2.	Occupational health & safety measures as per DGMS	<ul style="list-style-type: none"> <li>❖ Lessee will spend about 1,59,000 Rs for the safety of the workers by providing them PPE kits every year.</li> <li>❖ Suitable and properly maintained first-aid outfit should be kept at the mine for use in case of accident</li> <li>❖ Safety equipment like dust masks and ear muffs etc.</li> <li>❖ Health camps shall be arranged for local villagers and workers.</li> </ul>	
3.	Safety measures proposed		
	a. Is First Aid facility provided by PP?	yes	
	b. Details of PPEs	Safety helmet, Hand gloves Shoes etc.	
	c. Whether Registration of Workers under Building and other Construction Workers' (regulation of Employment & Conditions of Service) Act, 1996 and as Beneficiaries with the Gujarat Building and other Construction Workers Welfare Boards is obtained or not?	Will be done after the agreement of the lease.	
	d. Insurance of Workers	Nil	
	e. Health checkup plan of workers	Every six-monthly plan for Health management.	
<b>F. Transportation:</b>			
	No. of vehicles per day carrying Minerals	4	
	Fugitive dust emission control measures	Attached road with lease shall be sprinkle with water daily to prevent fugitive emission during vehicular. Speed of vehicle will only restrict to the 20 km/hour on Kutcha Road	
	Route plan in brief	Approach road is about connected with National Highway- 228	
<b>G. Financial details of the Project:</b>			
1.	Total cost of the project (Rs.)	<b>Rs- 79,91,020 /-</b>	
	a. Upfront cost (Rs.)	Not Applicable	
	b. Performance Security (Rs.)	Not Applicable	
	c. Total Royalty (Rs.)	40,00,000 /-	
	d. Weigh Bridge Cost (Rs.)	8,00,000/-	
	e. Labor cost equipment (Rs.)	Rs. – 7,80,000 /- Loading Expense-Rs.17,18,020 /-(Per ton on hired basis)	
	f. Environment protection and implementation cost (Rs.)	<b>Its already incorporated in point no h.</b>	
	g. Green Belt Development &	<b>Its already incorporated in point no h.</b>	

	maintenance cost (Rs.)	
	h. Cost of EMP (Rs.)	Capital cost – 2,85,000 /-. Recurring cost- 4,08,000 /-
	i. Cost of Safety measures (Rs.)	<b>Its already incorporated in point no h.</b>
	j. Cost of Post-Closure Mine Plan (Rs)	Not applicable
2.	Budget allocated for CER (Rs)	It is proposing to invest Rs. –1,60,000/-for social environmental development of 2 % of total Project cost.
3.	Is need based survey for CER carried out? (Yes / No) If yes, give details of activities along with Budgetary Outlay	Yes Given below table.

S. No.	Activities	Budget (Rs.)
1	Installation of 2 Solar lamp with panel in the Gambhira village	1,60,000/-

**H. Restoration / Reclamation Plan:**

1.	Restoration / Reclamation Details	The lease site was refilled during one monsoonal phase.
2.	Post mining closure plan	Not Applicable
3.	Backfilling material and its quantity	Not Applicable
4.	Size of void for Rain Water Harvesting after backfilling	Not Applicable
5.	Post Closure Liability / Safety aspects and Measures to be taken to avoid wild life and human accidents/ causalities	Not Applicable
6.	Display of Caution Boards at strategic locations on the periphery of the pit area	Not Applicable
7.	Final Use of reservoir/ reclaimed land	Not Applicable

**I. Details of Legal Action / Court Case:**

1.	Details of Pending Court matter / Public Litigation Cases in any court of Law	No
2.	Details of Action taken by GPCB, if any	No
3.	Details of public complaint, if any	No
4.	Compliance of EC by RO-GPCB or MoEFCC-Bhopal	No

**J. Contact Details:**

1.	<b>Contact details of Applicant</b>	
2.	<b>Name</b>	<b>Shri Jay AmbeRetiKadhna Od GnatiMajurAneKamgaroniSahkariMandali.</b>
3.	<b>Address</b>	R/o-Vill- Gambhira, Taluka- Ankla, Dist.- Anand (Gujarat)
4.	<b>Contact no.</b>	7434862261
5.	<b>Email Id</b>	jayambe179@gmail.com
6.	<b>Contact details of consultant</b>	
7.	<b>Name</b>	<b>Vinay Kumar Singh</b>
8.	<b>Address</b>	209 Pramukh Corporate Raysan Gandhinagar -38007.
9.	<b>Contact no.</b>	8141500945
10.	<b>Email Id</b>	Bgs.environment@gmail.com

**Deliberation:**

- Shri Sushant Maheshwari, the consultant of the PP presented the details of the project before the Committee during SEAC meeting dated 09.11.2022 and he has submitted the Authorization letter for same.
- The Committee deliberated on the project cost, EMP, CER, greenbelt development etc.
- The committee referred the satellite images of the lease area for last several years and noted that the lease area is not submerged in the riverine water.
- Committee noted that the location of the lease is complying with the distance criteria prescribed by Hon'ble NGT before Principal Bench in the order of O.A. NO. 85/2019 (WZ) dtd. 30.09.2020; Sustainable Sand Mine Guideline of MOEF&CC, 2016; Enforcement & Monitoring Guidelines for Sand Mining issued by MoEFCC in January, 2020; MoEFCC letter vide no.6-60/2020WLPart(1), dated 16.07.2020; MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No. 202 of 1995; Amended CRZ Notification 2011; MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014 etc.
- The project details is validated by the District Geologist, Anand vide letter no. AGA/PD/2126, dated 19.09.2022 and it is mentioned that, 'there is no Reserve forest / Protected forest located within 10 km radius of the proposed lease area'.
- The mining plan is approved by Geology & Mining Department vide letter no. AGP/MP/2075, dated 14.09.2022.
- Method of mining is semi mechanized open cast without blasting.
- Water consumption of the project shall not exceed 5.01 KLPD and shall be met through nearby water tanker suppliers.
- Employment for approximately 10 people will be generated from the proposed project.
- No. of working days for mining of ordinary sand are 260 days as validated by the District Geologist.
- Set Back Distance to prevent river bank erosion is more than 10 m.
- Replenishment rate of ordinary sand will be 100% as validated by the District Geologist.
- The PP has applied for Quarry Permit (13268) dated 10.05.2022 for 180 days for ROM of 1,00,000 MT to the District Geologist, Anand.
- **The details of EMP is as below:**

S. No	Particulars	Budget Allocation in Rs. (Capital)	Budget Allocation in Rs. (Recurring)
1.	Overburden and removal and its management	No overburden is present at the site of project	No overburden is present at the site of project
2.	Air pollution/ dust mitigation/ water sprinkling measures	(80 plant will be planted around the approach road with budget of 20,000 Rs) Budget is also mentioned in Point no.8	<b>Dust Suppression</b> <b>1. <math>45(\text{KLD}) \times 260(\text{No. of working days}) = 377/3 = 126</math> (Tankers) <math>126 \times 260 \text{ Rs.} = 32,760/-</math></b>

3.	Disposal of semi solid cutting and seizing waste	Lessee will adopt zero waste mining method so no semi solid cutting and seizing required	Lessee will adopt zero waste mining method so no semi solid cutting and seizing required
4.	Removal of debris which is not required for back filling	There is no waste will generate & backfilling is not applicable in sand mining project.	There is no waste will generate & backfilling is not applicable in sand mining project.
5.	Blasting related safeguard expenses	Sand is found in loose form so no blasting is required.	Sand is found in loose form so no blasting is required.
6.	Noise pollution control measures	(80 plant will be planted around the approach road with budget of 20,000 Rs) Budget is also mentioned in Point no.8	<b>Vehicle maintenance – 1,01,240/-</b>
7.	Approach roads to mining and treatment site	<b>Proper approach road is available connected with lease to metallic road, so no capital cost is required so establish new connectivity</b>	<b>(Approach roads maintenance - 1,00,000 /-)</b>
8.	Control of fugitive emission during loading and unloading, transportation.	80 plant will be planted around the approach road with budget of 20,000 Rs.	Water sprinkling will do at the approach road and at loading and unloading point with a budget about 32,760 Rs (mentioned in point no.2)
9.	Post closure restoration and reclamation (back filling, levelling, caution boards) including regressing and plantation etc. utilizing the void for rainwater storage and harvest reservoir.	Lease Replenishment will be 100% in Upcoming years of Mining <b>(Rate of Replenishmen</b>	Lease Replenishment will be 100% in Upcoming years of Mining

		t)		
10.	Fencing to prevent loss of wildlife and human movement	Fencing can't be done in river bed	Fencing can't be done in river bed	
11.	Cost of laboratory analysis, if any	<b>Cost of laboratory (sampling + analysis) (environment monitoring) is already incorporated in Point 13</b>	<b>Cost of laboratory (sampling + analysis) (environment monitoring) is already incorporated in Point 13</b>	
12.	Cost of compliance of commitment during public hearing	Public Herring Not Applicable B2 Category	Public Herring Not Applicable B2 Category	
13.	Environment Monitoring	Environment monitoring will be done after 6 months of commencement of project. if project continues further.	60,000*2=1,20,000 (Air- 20,000/-, Water- 15,000 Soil – 15,000, Noise- 10,000)	
14.	Safety and health of worker/ public	80,000 (for LPS System) + 2500  (PPE Kit) * 10 (worker)= 1,05,000/-	<b>Activity</b>	<b>Amount</b>
			Doctors Visit	10,000/-
			Medicine Budget	10,000/-
			Quarterly pulmonary function test	24,000/-
			Extra Budget for medical test if required as per doctor's recommendation	10,000/-
			Total	54,000/-
15.	CER activities		1,60,000/-	
	<b>S. No</b>	<b>Activities</b>	<b>Budget (Rs.)</b>	
	.			



1	Installation of 2 Solar lamps with panel in the Gambhira Village	1,60,000/-		
<b>Total</b>			<b>2,85,000 /-</b>	<b>4,08,000 /-</b>

- The details of CER is as below:

S. No.	Activities	Budget (Rs.)
1	Installation of 2 Solar lamps with panel in the Gambhira Village	1,60,000/-

Considering the anticipated impacts of mining, mitigation measures proposed by the lease holder, committee unanimously decided to recommend the above proposal for grant of Environmental Clearance to SEIAA, subject to the strict implementation of conditions mentioned for **Sand Mining project** approved by SEAC on 09/08/2017 and by SEIAA on 16/09/2017 with specific conditions as per **Annexure – II**.

However, meanwhile during SEAC meeting dated 09.11.2022, while deliberating on the six refer back proposals sent to SEAC by SEIAA, w.r.t. the Judgment of Hon'ble NGT in the matter of OA no.34/2022, the Committee unanimously decided to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the above decision for the proposal vide no. SIA/GJ/MIN/402104/2022 is kept in abeyance.

13	<b>BUILDING LIMESTONE MINING</b>	<b>DIST: PORBANDAR</b>	<b>B2 EC</b>
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i.	Application No	SIA/GJ/MIN/288667/2022
ii.	Name of Project	Parbatbhai Khimabhai Odedara
iii.	S.No.	Govt. Sr. No. 443
iv.	Village	Tukda Miyani
v.	Taluka	Porbandar

vi.	Dist	Porbandar
vii.	Lease Area	0.40.47 Ha
viii.	Validity of lease	Lease agreement vide no. MABHUP/QL/6162/RENEW/1291, dated 14-07-2005. Applied for lease extension on 28.02.2021
ix.	ROM	22,230 MTPA
x.	Nearest Human Habitation	Tukda- Miyani - 1.80 Km
xi.	End Use	Construction
xii.	Investment in Rs	Rs.48.30 Lakh
xiii.	Date of Application Accepted by SEAC	10.10.2022. Existing project

The Project Falls Under B2 Category – 1(A), i.e. mining of minerals as per the provision of EIA Notification, 2006. Project proponent has applied to obtain Environment Clearance (EC) For Mining of Building Limestone.

**A. Basic Information of the Project:**

1.	Name of Project as per Form I	Parbatbhai Khimabhai Odedara												
2.	Address of the lease	Govt. Sr. No. 443. Village:TukdaMiyani, Taluka:Porbandar District:Porbandar												
3.	Name of lease holder	Parbatbhai Khimabhai Odedara												
4.	Lease area (Ha)	00-40-47Ha.												
5.	Cluster Details													
	a. Total no. of leases in the cluster	N.A.												
	b. No. of TOR granted in cluster	N.A.												
	c. No. of EC granted in cluster	N.A.												
	d. Total area of the cluster	N.A.												
	e. Maximum individual lease area	N.A.												
	f. Minimum individual lease area	N.A.												
6.	Validity of lease with the date of expiry	N.A.												
7.	Rate of Mining (MT/Annum)	22,230 TPA												
8.	Details of EC obtained (for expansion projects), if any	N.A.												
9.	Name of River Bed	N.A.												
10.	Is the river perennial / non-perennial?	N.A.												
11.	Lease area (submerged / in stream / on dry river bed)	N.A.												
12.	All coordinates of the lease area as per Approved Mining Plan	<table> <tr> <td>1</td><td>21°47'58.72"N</td><td>69°24'23.64"E</td></tr> <tr> <td>2</td><td>21°47'56.81"N</td><td>69°24'24.85"E</td></tr> <tr> <td>3</td><td>21°47'55.90"N</td><td>69°24'23.02"E</td></tr> <tr> <td>4</td><td>21°47'57.65"N</td><td>69°24'21.80"E</td></tr> </table>	1	21°47'58.72"N	69°24'23.64"E	2	21°47'56.81"N	69°24'24.85"E	3	21°47'55.90"N	69°24'23.02"E	4	21°47'57.65"N	69°24'21.80"E
1	21°47'58.72"N	69°24'23.64"E												
2	21°47'56.81"N	69°24'24.85"E												
3	21°47'55.90"N	69°24'23.02"E												
4	21°47'57.65"N	69°24'21.80"E												
13.	Manpower requirement	12												
14.	Applicability of CRZ Notification	CRZ notification is not applicable.												
15.	Minimum Setback distance proposed to be maintained from River Bed (m)	N.A.												
16.	Minimum buffer distance from bridge	N.A.												

	piers / water intake wells / irrigation structures	
17.	Maximum depth of sand removal (3 m or water depth whichever is less)	N.A.
18.	Width of Riverbed (m)	N.A.
19.	Average depth of water at lease area (m)	N.A.
20.	Depth of mining (m)	8mtr.
21.	Ground Water Table in meter BGL	20-25mtr.
22.	Does mining activity intersect ground water?(Yes / No)  If yes, status report of CGWA	No interfere of ground water during mining. Approach road exist having length of 840 meter from pucca road.
23.	Distance between lease and main road	State Highway No. 6 – 0.75 (Km)
24.	Length of kaccha road (m)	0.75 (km.)
25.	Length of pacca road (m)	0.75 (km.)
26.	Plan for making pacca road	-
27.	Source of freshwater	Source of fresh Water is well nearby agricultural firm.
28.	Water requirement (kLPD)	10
	a. Domestic	1.0
	b. Dust suppression	3.0
	c. Gardening / Green belt development	6.0
	d. others	-
29.	Whether the Undertaking is submitted for identical information provided in Form I, Approved Mining Plan, Project Details validated by District Geologist, Pre-Feasibility Report, Lease Document, Environment Management Plan and other documents	Submitted.

**B. Environmental Sensitivities:**

Sr. No.	Environmental Sensitivities	Actual Distance	Minimum Distance	Reference
1	Residential	TukdaMiyani -1.80 km	100 m  (When Blasting is not involved)	As per CPCB Distance Criteria And order of of NGT before Principal Bench in the O.A. NO 85/2018 ( WZ) dtd 30.09.2020
	Public buildings	TukdaMiyani -1.80 km		
	Inhabited sites	TukdaMiyani -1.80 km		
	Protected Monuments	KirtiMandir (Porbandar) -26.60 km		
	Heritage Sites	RajmatataKalabai palace(Porbandar) 30.55 km		
	National / State Highway	S.H. 6 - 0.75 km  N. H. 51 – 0.75 km		
	District Roads	0.75 km		
	Public Roads	0.75 km		
	Railway Line / Area	27.60 km		

	Ropeway or Ropeway trestle or station	Girnar Ropeway 117.71 Km		
	Bridges	Near Visavada - 7.05 km		
	Dams	Dam– 12.95 Km		
	Reservoirs	Arabian sea is 0.58 Km		
	River	Vartu River-10.85 Km		
	Canal	Canal Near TukdaMiyani – 1.19 km		
	Lakes	Lake in Visavada- 4.85 Km		
	Tanks	TukdaMiyani -1.95 km		
2.	Eco-Sensitive Zone (if notified)	No Eco-Sensitive Zone within 10 km. boundary of lease.	(i) Outside the Eco-Sensitive Zone (if located within Notified Eco-Sensitive Zone, Prior Clearance of NBWL required)	As per 3(i) of MoEFCC letter vide no. 6-60/2020WLP(1), dated 16.07.2020
			(ii) >1 km and <10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL may not be applicable)	As per 4(ii) & 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019
			(iii) Proposal involving mining of mineral within 1 km from boundary of National Park and Sanctuaries is prohibited	As per 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No. 202 of 1995
3.	Eco-Sensitive Zone (if not notified)	No Eco-Sensitive Zone within 10 km. boundary of lease.	(i) Outside the Eco-Sensitive Zone	As per 3(ii) of MoEFCC letter vide no. 6-60/2020WLP(1), dated

			(ii) >1 km and <10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL required)	16.07.2020
4.	Attraction of General Conditions for change in category from 'B' to 'A'.	--	0 to 5 km from the boundary of Environmental sensitivities prescribed in the referred Notification	MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014
5.	Distance of Coastal line from the site	0.58 km.	>500 m from HTL	Amended CRZ Notification 2011

**C. Details of Mining:**

1.	Method of Mining (Manual / Semi-mechanized / Mechanized).	Open Cast Semi-mechanized mining method is adopted.
2.	Equipment's to be used for Mining bulldozers, hydraulic excavators, JCB, scrapers, loaders, Diesel Pump, etc.)	Cutter Machine, Hydraulic Excavator, JCB& Loaders are equipment in use for mining activities.
3.	Whether it includes blasting?	Blasting is Not proposed in approved mining plan.
4.	Details of Authorized Blasting Agency with date of validity certificate	N.A.
5.	Procedure / SOP (in brief)	N.A.
6.	Details of Blasting Parameters in brief	N.A.
7.	Frequency of blasting	N.A.
8.	Impact of blasting	N.A.
9.	Outcome of Vibration study	N.A.
10.	Blasting Activity Management Plan	N.A.
11.	Use of any Chemical with quantity	N.A.
12.	Precautions taken for Human Safety in brief	N.A.
13.	Crusher provided? If Yes, Measures taken for Air Pollution Control	N.A.
14.	Compliance of DGMS Guidelines for Blasting	N.A.
15.	Compliance of Sustainable Sand Mine Guidelines published by MoEFCC in 2016	N.A.
16.	Whether Replenishment Rate Study is approved by District Geologist?  If yes, conclude in brief	N.A.

**D. Details of Green Belt Development:**

1.	a. Green belt development budget	1.00 Lakh
	b. Green belt area / location	SBZ area

	c. No. of trees to be planted	421 trees
	d. Types of trees to be planted	<b>Azadirachta indica</b> – Dust, Air & Noise pollutant tolerance <b>Ficus Religiosa</b> – Air & Noise pollutant tolerance <b>Butea Frondosa</b> – Dust & noise pollutant tolerance
<b>E. Details of Environment Management Plan:</b>		
<b>1. Details of EMP</b>	<b>Impact</b>	<b>Mitigation Measures</b>
h. Land Environment	<p>Since mining is essentially an excavation of mineral ore the land environment is greatly affected by it, especially in the case of opencast mines:</p> <p>(a) The topsoil in the active mining area gets adversely affected.</p> <p>(b) The soil quality of the surrounding area is also likely to get affected due to siltation and run off from waste dumps.</p> <p>(c) The mine drainage, if it is acidic and containing toxic constituents, not adequately treated when discharged to nearby land would affect the soil quality adversely; when discharged untreated into streams affects the quality of water and makes it unfit for agricultural use.</p> <p>(d) Land is also directly linked to soil. If soil quality deteriorates, the agricultural productivity of the land decreases.</p>	<p>Adopting suitable, site-specific mitigation measures can reduce the degree of impact of mining on land. Some of the land-related mitigation measures are as follows:</p> <p>(a) Topsoil should be kept in a designated area and should be given minimum storage time to prevent nutrient loss.</p> <p>(b) Garland drains, ditches, catchpits in different combinations should be provided to prevent run off affecting the surrounding agricultural land. These are to be designed looking into the locational site features.</p> <p>(c) Mine drainage is to be treated adequately before discharge to stream outside the boundary of the project area.</p> <p>(d) Non-mineral zones and open areas should be planted with trees.</p> <p>(e) Siltation of grazing land should be prevented.</p>
i. Water Environment	<p>Mining and its associated activities not only use a lot of water but also likely to affect the hydrological regime of the area :</p> <p>(a) The major impact of deep and large mines is of natural groundwater table.</p> <p>(b) Lowering of water table may result in reduced groundwater availability</p>	<p>The following mitigation measures are suggested for water management and water pollution control. However, priority relevance depends on the location and type of mining and minerals:</p>

	<p>(c) Extraction of different minerals is known to lead to water pollution due to heavy metal, acid discharges and increased suspended solids.</p> <p>However, the impact of mining project on groundwater hydrology and surface water regime are site specific and depends upon the characteristics of the mineral, hydrogeology and requirement of groundwater for other uses.</p>	<p>(a)The overall drainage planning should be done in such a manner that the existing pre-mining drainage conditions should be maintained to the extent possible so that run off distribution is not affected.</p> <p>(b)drainage conditions should be maintained to the extent possible so that run off distribution is not affected</p> <p>©The surplus treated mine water should be discharged into local ponds and agricultural fields which should act like a constant source of recharge to improve the groundwater level in the area</p> <p>(d)Rainwater harvesting by constructing check dams on natural nallah and developing water bodies should be planned for recharging groundwater.</p> <p>(e)</p> <p>(i)Stone barriers across the drain should be constructed to check the water current and arrest solids.</p> <p>(ii)Stone pitching should be made at suitable location to regulate water flow and prevent soil erosion.</p> <p>(iii) Settling pits and drains should be periodically desilted.</p>
j. Air Envi ron men t	<p>Mining operation and associated activities are potentially air polluting and the major air pollutant is the suspended particulate matter.</p> <p>(a)Most of the air pollution problems are due to fugitive dust emission, which is more prominent in open cast mines</p> <p>(b)The intensity of dust generation in the mining is influenced by factors such as hardness of rock, mining technology and material handling etc.</p>	<p>Mitigation measures at various dust generating activities are discussed below:</p> <p><b>(A)Paved surfaces:</b></p> <p>Paved surfaces have less dust generation potential. Dust pick-up by wind depends on the wind speed and is usually significant at wind speeds above 5 meters per second. However slight speed of vehicle can cause higher dust generation. Dust emissions from paved surfaces can be minimized by adopting following measures:</p> <p>Prevent spillages of materials on the paved surfaces during materials transportation.</p> <p>(a) Minimize mud and dust track-out from unpaved areas</p>

		<p>by the use of wheel wash facilities.</p> <p>(b)Regular cleaning of paved surfaces, using mobile vacuum sweeper or a water flushing system.</p> <p>(c)Speed controls on vehicle movements.</p> <p>(d)Wind reduction control by plantation.</p> <p><b>(B)Unpaved Surfaces :</b></p> <p>Dust emissions from unpaved surfaces are caused than from paved surfaces are usually much greater. Dust emissions can be controlled by using the following methods:</p> <p>(a) Water sprinkling on unpaved areas during dry wind periods, using a water tanker/or fixed sprinklers.</p> <p>(b)Chemical stabilization can also be used in association with wet suppression.</p> <p>(c) Surface improvements may be done with concrete or asphalt or the addition of gravel or chemical dust suppression to the surface for stabilization.</p> <p>(d) Speed control on vehicle movements to limit speeds.</p> <p>(e)Wind reduction control by plantation.</p> <p>(f)Wet suppression of unpaved areas can achieve dust emission reduction of about 70 percent or more, and this can sometimes be increased by up to 95% through the use of chemical stabilization.</p> <p>(g)Trees can act as efficient biological filters. The systematic and planned development of green belts not only reduces the fugitive dust but also checks runoff and improves the aesthetic beauty of an area.</p>
k. Noise	Noise level increased due to mining activities such as excavation, drilling, blasting, handling and transportation of ore	The following mitigation measures can be adopted to control noise:



e Envi ron men t	and overburden and operation of processing equipment: (a) Noise Pollution due to drilling & Blasting if applicable. (b) Noise Pollution due to use of heavy machineries.	(a) Selection of new low-noise equipment from the manufacturer failing which use of additional retrofits if available. (b) Modifications of the older equipment or method by incorporating minor design changes. (c) Implementation of an effective planned preventive maintenance which reduces noise level by more than 50%. (d) When all controls fail to reduce the level of noise entering the ear, by use of personal hearing protection devices.
l. Biol ogic al Envi ron men t	<i>Anticipated Impact (Flora and Fauna):</i> <ul style="list-style-type: none"> <li>Impact on forest resources, economically important plants, medicinal plants and threat to rare, endemic and endangered species</li> <li>Impact on terrestrial and aquatic biodiversity</li> <li>Impact on wildlife including avi-fauna</li> <li>Impact on wildlife habitat and migratory corridors</li> <li>Impact on flora and fauna due to air emissions, noise, vibration, illumination, vehicular movement, wastewater discharges, changes in land use, to wnship etc.</li> </ul>	Measures to compensate the loss of forest coverage: <ul style="list-style-type: none"> <li>➤ Regeneration of rare and endangered plants of economic importance including medicinal plants.</li> <li>➤ Measures for protection and conservation of wildlife species</li> <li>➤ Green belt and its raising schedule</li> <li>➤ Progressive afforestation in overburden, reclaimed and mined out areas.</li> </ul>
m. Hu man Envi ron men t	Mining activity in an area has long term irreversible impact on Human Environment like local, sociological, cultural and economic situation. (a) People are directly affected due to pollution. (b) Health issues and spread of mining related diseases	Following mitigation measures are suggested: <ul style="list-style-type: none"> <li>• A welfare plan with funding from the project proponent should be prepared to provide assistance to affected people.</li> <li>• The infrastructure facility (Educational Institute, Water Supply, Health Care etc.) developed by the project should also be extended to people without any cost or minimal cost.</li> <li>• Medical aid and regular check up.</li> <li>• Various compensatory</li> </ul>

		packages to be formulated for the improvement of socio-economic condition of people. They are: (i) Monetary compensation. (ii) Compensation in kind (iii) Training to locals to develop skill should be promoted by the project.
n. Others	None	None
2.	Occupational health & safety measures as per DGMS	The guidelines declared by DGMS for Health & safety time to time are followed strictly and being complied.
3.	Safety measures proposed	No drilling & Blasting is required for the mining of Building Limestone mineral, however require safety measures like compulsory use of PPE's on operation place, regular check up of labors for health issues and free medicine to labours.
a.	Is First Aid facility provided by PP?	Yes, First Aid facility is 24 hours available at site of operation of mining.
b.	Details of PPEs	Mineworkers require specific Personal Protection <u>Equipment</u> (PPE) to protect the entire body from any harm or injury in the <u>mining environment</u> are: (1) <b>Head and face protection:</b> This comprises of a hard hat, safety glasses, ear plugs and half-face or full-face masks. (2) <b>Feet and leg protection:</b> The standard footwear for optimal foot and leg protection are heavy-duty boots.
c.	Whether Registration of Workers under 4 Building and other Construction Workers' (regulation of Employment & Conditions of Service) Act, 1996 and as Beneficiaries with the Gujarat Building and other Construction Workers Welfare Boards is obtained or not?	Project is on contract base.
d.	Insurance of Workers	Workers are insured with accident policy.
e.	Health checkup plan of workers	Health plan of workers is adopted and it is being carried out twice in every month regularly.
<b>F. Transportation:</b>		
1.	No. of vehicles per day carrying Minerals	3-4 trucks
2.	Fugitive dust emission control measures	Water sprinkling
3.	Route plan in brief	0.84 (km.)
<b>G. Financial details of the Project:</b>		
1.	Total cost of the project (Lakh)	48.30

	a. Upfront cost (Lakh)	-				
	b. Performance Security (Lakh)	1.00				
	c. Total Royalty (Lakh)	12.62				
	d. Weigh Bridge Cost (Lakh)	2.50				
	e. Labor cost equipment (Lakh)	6.55				
	f. Equipment protection and implementation cost (Lakh)	8.5985				
	g. Green Belt Development & maintenance cost (Lakh)	1.00				
	h. Cost of EMP (Lakh)	16.0315				
	i. Cost of Safety measures (Lakh)	Already included in EMP (1h above)				
	j. Cost of Post-Closure Mine Plan (Lakh)	Already included in EMP (1h above)				
2.	Budget allocated for CER (Lakh)	5.00				
3.	Is need based survey for CER carried out? (Yes / No)  If yes, give details of activities along with Budgetary Outlay	Sr. No	Activity	1st Yr at TukdaMiyani Village. Rs. In Lakhs	2nd to 5th year At other affected villages like- (2)Miyani (3) Visavada(4) Bhavpara (5)Vadala. Rs. In Lakhs	Total for 5 Years  (Plan Period) Rs. In Lakhs
		1	Donation for Solar Panel to school buildings & Panchayat building.	0.60	2.40	3.00
		2	Plantation on inner roads of village and recharge pits for ground water table.	0.20	0.80	1.00
		3	(1) Distribution of pamphlets on environmental awareness. (2) Importance of ground water & Creation of recharge pits.	0.05  0.15	0.80	1.00

		<b>Total</b>	1.00	4.00	5.00
			<b>Total CER Rs. in lakhs for plan period – 5.00</b>		
<b>H. Restoration / Reclamation Plan:</b>					
1.	Restoration / Reclamation Details	00.00ha.Area will be reclaimed by refilling area.			
2.	Post mining closure plan	Mine closure will be in two step (1) Progressive mine closure and (2) Final mine closure. As per approved plan at end of mine the 00.1921 ha. SBZ& 00.00 ha. area will be reclaimed by refilling area will be developed with plantation of dust & Noise tolerance species of vegetation and rest 00.2126ha. will be converted as water reservoir with parapet fencing to avoid accident.			
3.	Backfilling material and its quantity	Back filling is proposed in approved mining plan.			
4.	Size of void for Rain Water Harvesting after backfilling	-			
5.	Post Closure Liability / Safety aspects and Measures to be taken to avoid wild life and human accidents/ causalities	In Post Closure Liability / Safety aspects and Measures to be taken like proposal of wired fencing and buffer plantation on SBZ area around lease boundary to avoid illegal entry and stone parapet having 4 feet high around mined out area or Pit to avoid accident or causalities to domestic animal and human life. Pit will be used as water reservoir till it will re gain as grazing land step by step.			
6.	Display of Caution Boards at strategic locations on the periphery of the pit area	<div><p><b>જાહેર ચેતવણી</b></p><p>આ વિસ્તાર સરકાર દ્વારા મંજૂર થયેલ લીઝ વિસ્તાર છે. આગળ આવેલા ખાડાની ઉંડાઈ ૫.૦ મીટર જેટલી હોય, અકસ્માત થવાની સંભાવના હોય, સાવધાન રહેવું.</p><p>ખાણ માલિક</p></div>			
7.	Final Use of reservoir/ reclaimed land	Reclamation is proposed land mined out pit will be used as water reservoir till it will reclaimed and at the end the total area will be reclaimed as grazing land.			
<b>I. Details of Legal Action / Court Case:</b>					
1.	Details of Pending Court matter / Public Litigation Cases in any court of Law	No any matter against project is pending in any court of law.			
2.	Details of Action taken by GPCB, if any	None			
3.	Details of public complaint , if any	None			
4.	Compliance of EC by RO-GPCB or MoEFCC-Bhopal	-			

**J. Contact Details:**

1.	<b>Contact details of Applicant</b>	ParbatbhaiKhimabhaiOdedara
2.	Name	ParbatbhaiKhimabhaiOdedara
3.	Address	Village: TukadaMiyani, Ta: Porbandar, Dist: Porbandar
4.	Contact no.	
5.	Email Id	
6.	<b>Contact details of Consultant</b>	Geo Mining Consultant
7.	Name	Bhanjibhai Solanki
8.	Address	301-302, Capital Market, MahakaliMandir, Main road, Rajkot.
9.	Contact no.	9824218590
10.	Email Id	bhanjisolanki1962@gmail.com

**Deliberation:**

- Shri Bhanjibhai Solanki, the consultant of the PP remained present in the meeting dated 09.11.2022 on behalf of the PP.
- The Committee deliberated on the project cost, EMP, CER, traffic study, greenbelt development etc.
- Committee noted that the location of the lease is complying with the distance criteria prescribed by Hon'ble NGT before Principal Bench in the order of O.A. NO. 85/2019 (WZ) dtd. 30.09.2020; Sustainable Sand Mine Guideline of MOEF&CC, 2016; Enforcement & Monitoring Guidelines for Sand Mining issued by MoEFCC in January, 2020; MoEFCC letter vide no.6-60/2020WLPart(1), dated 16.07.2020; MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No. 202 of 1995; Amended CRZ Notification 2011; MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014 etc.
- Mining plan is approved by the Geology & Mining Department vide letter no. geo/por/approval/22-23/1941, dated 22.06.2022.
- It is mentioned in the project details validated by the District Geologist, Porbandar that No Reserve / Protected forest is in the periphery of 10 km of proposed project.
- Method of mining is open cast semi mechanized without blasting.
- Water consumption of the project shall not exceed 10 kLPD and shall be met through nearby agricultural firms.
- Employment for approximately 12 people will be generated from the proposed project.
- The PP has submitted the production details as NIL, which is validated by the District geologist vide letter no. Bhupo/QL/AKD/2454, dated 04.10.2022 and hence, the Committee noted that it is not the case of Violation.
- **The details of EMP is as below:**

Sr. No.	Activity	Budget Allocation in Lakhs. (Capital for plan period)	Budget Allocation in Lakhs. (Recurring/Annum)	Detail Justification /Clarification
1.	Overburden and removal and its management	0.20	0.05	The Budget allocated for O.B. removal and its management for working area of mine as capital cost and budget of recurring.
2.	Air pollution / dust mitigation / water sprinkling measures	3.0	0.80	Capital cost for on rent base tractor mounted tanker and instalment of water sprinklers for Air /Dust mitigation and budgetary provision for purchase of water and management.
3.	Disposal of Semi Solid cutting and seizing waste	0.30	0.08	It is Building Lime Stone Mine and there would be generation of Semi solid Cuttings and Seizing Waste about 10% and waste will be used for backfilling.
4.	Removal of debris which is not required for back filing	0.0	0.0	There will be no such debris generated. Whatever debris/waste shall be used for backfilling.
5.	Blasting related safeguard expenses	0.0	0.0	It is Building Lime Stone Mining Project and blasting is not require and not proposed in Mining plan.
6.	Noise pollution control measures	0.2105  0.10	0.4210  0.02	To minimize and control the noise pollution, the statutory barrier zone (SBZ) will be developed as Green Belt with Noise tolerant plant species and for that capital and for development and maintenance the recurring cost is allotted.  Earmuffs for working labours
7.	Approach roads to mining and treatment site	0.0	0.0	Approach road to mining will be maintained and No such treatment site is proposed; hence, not applicable.
8.	Control of fugitive emission during loading and unloading, transportation	0.15	0.05	To control the fugitive emission during loading, unloading and transportation there would be budgetary provision for arrangement of water sprinklers on operation places.
9.	Post closure restoration and reclamation (back filing, levelling, caution boards) including regressing and plantation etc./ utilizing the void for rainwater storage and	3.00	0.00	It is government waste land at conceptual stage the mined out area will be converted as water reservoir with wire fencing with stone parapet till it will reclaimed as regressing land.

	harvest reservoir			
10.	Fencing to prevent loss of wildlife and human movement	0.50	0.05	There is no wildlife and human movement in buffer area of mine however to avoid any accident, fencing around working pit area would be there.
11.	Cost of laboratory analysis if any	0.0	1.20	Expense on Laboratory analysis and report for half yearly compliances report
12.	Cost of compliance of commitment during public hearing	0.0	0.0	It is B2 Category project and as per EIA notification-2006 public hearing is not required; hence, no commitments to compile.
13.	Environment monitoring	0.0	1.20	There would be environmental monitoring for compliances and budgetary provision to comply the EC conditions. Air: One sample (8Hourly) of project site . Sample/Rs.0.15 X2 =0.30 Water: One Sample near project site. Sample/Rs. 0.15 X2 =0.30 Nose: One Sample on project site. Sample/Rs. 0.15 X2 =0.30 Soil: One Sample on project site Sample/Rs. 0.15 X2 =0.30
14.	Safety and health of workers/public	1.10	0.20	Budget for due care for the safety and health of workers/public. Provision of PPE's and arrangement of periodically medical camps.
15.	CER activities	3.00	0.40	The budget of Rs. 5.00 lakhs allotted for plan period and Rs. 1.00 lakh for every year for affected village and it will be start from village Tukda- Miyani.
Total		11.5605	4.4710	
Total EMP Budget (Lakh)		16.0315		

• The details of CER is as below:

Sr. No	Activity	1 <sup>st</sup> Yr at Tukda Miyani Village. Rs. In Lakhs	2 <sup>nd</sup> to 5 <sup>th</sup> year At other affected villages like- (2)Miyani (3) Visavada(4) Bhavpara (5)Vadala. Rs. In Lakhs	Total for 5 Years (Plan Period) Rs. In Lakhs
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1	Solar Panel to school buildings & Panchayat building.	0.60	2.40	3.00
2	Plantation on inner roads of village and recharge pits for ground water table.	0.20	0.80	1.00
3	(1) Distribution of pamphlets on environmental awareness. (2) Importance of ground water & Creation of recharge pits.	0.05 0.15	0.80	1.00
Total		1.00	4.00	5.00
Total CER Rs. in lakhs for plan period – 5.00				

Considering the anticipated impacts of mining, mitigation measures proposed by the lease holder, committee unanimously decided to recommend the above proposal for grant of Environmental Clearance to SEIAA, subject to the strict implementation of conditions mentioned for **Non Sand Mining without Blasting project** approved by SEAC on 09/08/2017 and by SEIAA on 16/09/2017 with specific conditions as per **Annexure – I**.

14	<b>BUILDING LIMESTONE MINING</b>	<b>DIST: JUNAGADH</b>	<b>B2 EC</b>
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i.	Application No	SIA/GJ/MIN/401191/2022
ii.	Name of Project	Nishitbhai Ashvinbhai Bhetariya (Block –A)
iii.	S.No.	324 PAIKI, pvt land
iv.	Village	Vijapur
v.	Taluka	Junagadh
vi.	Dist	Junagadh
vii.	Lease Area	1.79.04 Ha
viii.	Validity of lease	Lol issued vide letter no. GEO/Auction/LMS/JUN/2022-23/012/10002A/2145 dated 06.08.2022 for 30 years
ix.	ROM	15329 MTPA
x.	Nearest Human Habitation	Dungarpur – 0.58 km
xi.	End Use	Construction
xii.	Investment in Rs	70.97 LAKH
xiii.	Date of Application Accepted by SEAC	10.10.2022

The Project Falls Under B2 Category – 1(A), i.e. mining of minerals as per the provision of EIA



Notification, 2006. Project proponent has applied to obtain Environment Clearance (EC) For Mining of Building Limestone.

<b>A. Basic Information of the Project:</b>																														
1.	Name of Project as per Form I	Nishitbhai Ashvinbhai Bhetariya (Block –A)																												
2.	Address of the lease	Private Sr. No. 324 Paiki, Vijapur, Taluka - Junagadh, District – Junagadh.																												
3.	Name of lease holder	Nishitbhai Ashvinbhai Bhetariya (Block –A)																												
4.	Lease area (Ha)	01-79-04 Ha																												
5.	Cluster Details																													
	a. Total no. of leases in the cluster	-																												
	b. No. of TOR granted in cluster	-																												
	c. No. of EC granted in cluster	-																												
	d. Total area of the cluster	-																												
	e. Maximum individual lease area	-																												
	f. Minimum individual lease area	-																												
6.	Validity of lease with the date of expiry	30 Years																												
7.	Rate of Mining (MT/Annum)	15,329 TPA																												
8.	Details of EC obtained (for expansion projects), if any	N.A.																												
9.	Name of River Bed	N.A.																												
10.	Is the river perennial / non-perennial?	N.A.																												
11.	Lease area (submerged / in stream / on dry river bed)	N.A.																												
12.	All coordinates of the lease area as per Approved Mining Plan	<table border="1"> <thead> <tr> <th></th> <th>NORTHING</th> <th>EASTING</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>21°26'46.74"N</td> <td>70°29'1.15"E</td> </tr> <tr> <td>B</td> <td>21°26'43.66"N</td> <td>70°29'4.00"E</td> </tr> <tr> <td>C</td> <td>21°26'40.88"N</td> <td>70°29'5.71"E</td> </tr> <tr> <td>D</td> <td>21°26'40.63"N</td> <td>70°29'4.91"E</td> </tr> <tr> <td>E</td> <td>21°26'39.88"N</td> <td>70°29'1.67"E</td> </tr> <tr> <td>F</td> <td>21°26'43.50"N</td> <td>70°28'59.73"E</td> </tr> <tr> <td>G</td> <td>21°26'44.92"N</td> <td>70°29'0.93"E</td> </tr> <tr> <td>H</td> <td>21°26'45.86"N</td> <td>70°29'1.11"E</td> </tr> </tbody> </table>			NORTHING	EASTING	A	21°26'46.74"N	70°29'1.15"E	B	21°26'43.66"N	70°29'4.00"E	C	21°26'40.88"N	70°29'5.71"E	D	21°26'40.63"N	70°29'4.91"E	E	21°26'39.88"N	70°29'1.67"E	F	21°26'43.50"N	70°28'59.73"E	G	21°26'44.92"N	70°29'0.93"E	H	21°26'45.86"N	70°29'1.11"E
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13.	Manpower requirement	17																												
14.	Applicability of CRZ Notification	CRZ notification is not applicable.																												
15.	Minimum Setback distance proposed to be maintained from River Bed (m)	N.A.																												
16.	Minimum buffer distance from bridge piers / water intake wells / irrigation structures	N.A.																												
17.	Maximum depth of sand removal (3 m or water depth whichever is less)	N.A.																												
18.	Width of Riverbed (m)	N.A.																												
19.	Average depth of water at lease area (m)	N.A.																												
20.	Depth of mining (m)	5.00mtr.																												
21.	Ground Water Table in meter BGL	40-50 mtr.																												
22.	Does mining activity intersect ground water?(Yes / No)  If yes, status report of CGWA	No interfere of ground water during mining. Approach road exist having length of 1.26mtrs. kuchcha road to cart road.																												
23.	Distance between lease and main road	S.H. 30– 0.68 km																												

24.	Length of kaccha road (m)	0.68km
25.	Length of pacca road (m)	0.68 km
26.	Plan for making pacca road	-
27.	Source of freshwater	Source of fresh Water is well nearby agricultural firm.
28.	Water requirement (kLPD)	10
	a. Domestic	1.0
	b. Dust suppression	6.0
	c. Gardening / Green belt development	3.0
	d. others	-
29.	Whether the Undertaking is submitted for identical information provided in Form I, Approved Mining Plan, Project Details validated by District Geologist, Pre-Feasibility Report, Lease Document, Environment Management Plan and other documents	Submitted.

**B. Environmental Sensitivities:**

Sr No.	Environmental Sensitivities	Actual Distance	Minimum Distance	Reference
1.	Residential	Dungarpur– 0.58 km Vijapur– 1.61 km	100 m  (When Blasting is not involved)	As per CPCB Distance Criteria And order of NGT before Principal Bench in the O.A. NO 85/2018 ( WZ) dtd 30.09.2020
	Public buildings	Dungarpur– 0.58 km Vijapur– 1.61 km		
	Inhabited sites	Dungarpur– 0.58 km Vijapur– 1.61 km		
	Protected monuments,	Narsinh Mehta No Choro -9.41 km.		
	Heritage sites	Uparkot Fort – 8.31 km.		
	National / State Highway	S.H. 30– 0.68 km N.H. 151 – 7.70 km.		
	District roads	0.68 km		
	Public roads	0.68 km		
	Railway line / area	0.28 km		
	Ropeway or Ropeway trestle or station	Girnar Ropeway- 9.20 Km		

	Bridges	Junagaddh Medarda Highway Bridges - 6.00 km		
	Dams	Madhuwanti Dam- 3.57 km.		
	Reservoirs	Madhuwanti River- 3.72km.		
	River	Madhuwanti River- 3.72km.		
	Canal	No Canal		
	Lakes	Narsinh Maheta Lake -8.38km		
	Tanks	Dungarpur -0.70m.		
2.	Eco-Sensitive Zone (if notified)	No Eco-Sensitive Zone within 10 km. boundary of lease.	(i) Outside the Eco-Sensitive Zone (if located within Notified Eco-Sensitive Zone, Prior Clearance of NBWL required)	As per 3(i) of MoEFCC letter vide no. 6-60/2020WLP(1), dated 16.07.2020
			(ii) >1 km and <10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL may not be applicable)	As per 4(ii) & 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019
			(iii) Proposal involving mining of mineral within 1 km from boundary of National Park and Sanctuaries is prohibited	As per 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No. 202 of 1995
3	Eco-Sensitive Zone (if not	No Eco-Sensitive Zone within 10 km.	(i) Outside the Eco-	As per 3(ii) of MoEFCC letter vide no. 6-

	notified)	boundary of lease.	Sensitive Zone  (ii) >1 km and <10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL required)	60/2020WLP(1), dated 16.07.2020
4	Attraction of General Conditions for change in category from 'B' to 'A'.	--	0 to 5 km from the boundary of Environmental sensitivities prescribed in the referred Notification	MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014
5	Distance of Coastal line from the site	--	>500 m from HTL	Amended CRZ Notification 2011

**C. Details of Mining:**

1.	Method of Mining (Manual / Semi-mechanized / Mechanized).	Open Cast Semi-mechanized mining method is adopted.
2.	Equipment's to be used for Mining bulldozers, hydraulic excavators, JCB, scrapers, loaders, Diesel Pump, etc.)	Cutter Machine, Hydraulic Excavator, JCB & Loaders are equipment in use for mining activities.
3.	Whether it includes blasting?	Blasting is Not proposed in approved mining plan.
4.	Details of Authorized Blasting Agency with date of validity certificate	N.A.
5.	Procedure / SOP (in brief)	N.A.
6.	Details of Blasting Parameters in brief	N.A.
7.	Frequency of blasting	N.A.
8.	Impact of blasting	N.A.
9.	Outcome of Vibration study	N.A.
10.	Blasting Activity Management Plan	N.A.
11.	Use of any Chemical with quantity	N.A.
12.	Precautions taken for Human Safety in brief	N.A.
13.	Crusher provided? If Yes, Measures taken for Air Pollution Control	N.A.
14.	Compliance of DGMS Guidelines for Blasting	N.A.
15.	Compliance of Sustainable Sand Mine Guidelines published by MoEFCC in 2016	N.A.
16.	Whether Replenishment Rate Study is approved by District Geologist?  If yes, conclude in brief	N.A.

**D. Details of Green Belt Development:**

1.	a. Green belt development budget	1.52Lakh
	b. Green belt area / location	SBZ area

c. No. of trees to be planted	1017 trees
d. Types of trees to be planted	<b>Azadirachta indica</b> –Dust,Air& Noise pollutant tolerance <b>Ficus Religiosa</b> – Air & Noise pollutant tolerance species. <b>Butea Frondosa</b> – is Dust & noise pollutant tolerance plant.

**E. Details of Environment Management Plan:**

1. Details of EMP	Impact	Mitigation Measures
a. Land Environment	<p>Since mining is essentially an excavation of mineral ore the land environment is greatly affected by it, especially in the case of open cast mines:</p> <ul style="list-style-type: none"> <li>(e) The topsoil in the active mining area gets adversely affected.</li> <li>(f) The soil quality of the surrounding area are also likely to get affected due to siltation and run off from waste dumps.</li> <li>(g) The mine drainage, if it is acidic and containing toxic constituents, not adequately treated when discharged to nearby land would affect the soil quality adversely; when discharged untreated into streams effects the quality of water and make it unfit for agricultural use.</li> <li>(h) Agriculture is also directly linked to soil. If soil quality deteriorates, the agricultural productivity of the land decreases.</li> </ul>	<p>Adopting suitable, site-specific mitigation measures can reduce the degree of impact of mining on land. Some of the land-related mitigation measures are as follows:</p> <ul style="list-style-type: none"> <li>(f) Topsoil should be kept in a designated area and should be given minimum storage time to prevent nutrient loss.</li> <li>(g) Garland drains, ditches, catchpits in different combinations should be provided to prevent run off affecting the surrounding agricultural land. These are to be designed looking into the locational site features.</li> <li>(h) Mine drainage is to be treated adequately before discharge to stream outside the boundary of the project area.</li> <li>(i) Non-mineral zones and open areas should be planted with trees.</li> <li>(j) Siltation of agricultural land should be prevented.</li> </ul>
b. Water Environment	<p>Mining and its associated activities not only use a lot of water but also likely to affect the hydrological regime of the area :</p> <ul style="list-style-type: none"> <li>(d) The major impact of deep and large mines is of natural groundwater table.</li> <li>(e) Lowering of water table may result in reduced groundwater availability</li> <li>(f) Extraction of different minerals is known to lead to water pollution due to heavy metal, acid discharges and increased suspended solids.</li> </ul> <p>However, the impact of mining project on groundwater hydrology and surface water</p>	<p>The following mitigation measures are suggested for water management and water pollution control. However, priority relevance depends on the location and type of mining and minerals:</p> <ul style="list-style-type: none"> <li>(a) The overall drainage planning should be done in such a manner that the existing pre-mining drainage conditions should be maintained to the extent possible so that run off distribution is not affected.</li> <li>(b) drainage conditions should be maintained to the extent possible so that run off distribution is not affected</li> <li>© The surplus treated mine water should be discharged into local ponds and agricultural fields which should act like a</li> </ul>

	regime are site specific and depends upon the characteristics of the mineral, hydrogeology and requirement of groundwater for other uses.	constant source of recharge to improve the groundwater level in the area (d)Rainwater harvesting by constructing check dams on natural nallah and developing water bodies should be planned for recharging groundwater. (e) (i)Stone barriers across the drain should be constructed to check the water current and arrest solids. (ii)Stone pitching should be made at suitable location to regulate water flow and prevent soil erosion. (iii) Settling pits and drains should be periodically desilted.
c. Air Envir onme nt	Mining operation and associated activities are potentially air polluting and the major air pollutant is the suspended particulate matter. (a)Most of the air pollution problems are due to fugitive dust emission, which is more prominent in open cast mines (b)The intensity of dust generation in the mining is influenced by factors such as hardness of rock, mining technology and material handling etc.	Mitigation measures at various dust generating activities are discussed below: <b>(A)Paved surfaces:</b> Paved surfaces have less dust generation potential. Dust pick-up by wind depends on the wind speed and is usually significant at wind speeds above 5 meters per second. However slight speed of vehicle can cause higher dust generation. Dust emissions from paved surfaces can be minimized by adopting following measures: Prevent spillages of materials on the paved surfaces during materials transportation. (a) Minimize mud and dust track-out from unpaved areas by the use of wheel wash facilities. (b)Regular cleaning of paved surfaces, using mobile vacuum sweeper or a water flushing system. (c)Speed controls on vehicle movements. (d)Wind reduction control by plantation. <b>(B)Unpaved Surfaces :</b> Dust emissions from unpaved surfaces are caused than from paved surfaces are usually much greater. Dust emissions can be controlled by using the following methods: (a) Water sprinkling on unpaved areas during dry wind periods, using a water tanker/or fixed sprinklers. (b)Chemical stabilization can also be used in association with wet suppression. (c) Surface improvements may be done with concrete or asphalt or the addition of gravel or chemical dust suppression to the surface

		<p>for stabilization.</p> <p>(d) Speed control on vehicle movements to limit speeds.</p> <p>(e) Wind reduction control by plantation.</p> <p>(f) Wet suppression of unpaved areas can achieve dust emission reduction of about 70 per cent or more, and this can sometimes be achieved by up to 95% through the use of chemical stabilization.</p> <p>(g) Trees can act as efficient biological filters. The systematic and planned green belt development not only reduces the fugitive dust but also checks runoff and improves the aesthetic beauty of an area.</p>
d. Noise Environment	<p>Noise level increase due to mining activities such as excavation, drilling, blasting, handling and transportation of ore and overburden and operation of processing equipment:</p> <p>(a) Noise Pollution due to drilling &amp; Blasting if applicable.</p> <p>(b) Noise Pollution due to use of heavy machineries.</p>	<p>The following mitigation measures can be adopted to control noise:</p> <p>(a) Selection of new low-noise equipment from the manufacturers failing which use of additional retrofits if available.</p> <p>(b) Modifications of the older equipment or method by incorporating minor design changes.</p> <p>(c) Implementation of an effective planned preventive maintenance which reduces noise level by more than 50%.</p> <p>(d) When all controls fail to reduce the level of noise entering the ear, by use of personal hearing protective devices.</p>
e. Biological Environment	<p><i>Anticipated Impact (Flora and Fauna):</i></p> <ul style="list-style-type: none"><li>• Impact on forest resources, economically important plants, medicinal plants and threat to rare, endemic and endangered species</li><li>• Impact on terrestrial and aquatic biodiversity</li><li>• Impact on wildlife including avifauna</li><li>• Impact on wildlife habitat and migratory corridors</li><li>• Impact on flora and fauna due to air emissions, noise, vibration, illumination, vehicular movement, wastewater discharges, changes in land use, township etc.</li></ul>	<p>Measures to compensate the loss of forest coverage:</p> <ul style="list-style-type: none"><li>➤ Regeneration of rare and endangered plants of economic importance including medicinal plants.</li><li>➤ Measures for protection and conservation of wildlife species</li><li>➤ Green belt and its raising schedule</li><li>➤ Progressive afforestation in overburden, reclaimed mined out areas.</li></ul>

f. Human Environment	<p>Mining activity in an area has long term irreversible impact on Human Environment like local, sociological, cultural and economic situation.</p> <p>(c) People are directly affected due to pollution.</p> <p>(d) Health issues and spread of mining related diseases</p>	<p>Following mitigation measures are suggested:</p> <ul style="list-style-type: none"> <li>A welfare plan with funding from the project proponent should be prepared to provide assistance to affected people.</li> <li>The infrastructure facility (Educational Institute, Water Supply, Health Care etc.) developed by the project should also be extended to people without any cost or minimal cost.</li> <li>Medical aid and regular check up.</li> <li>Various compensatory packages to be formulated for the improvement of socio-economic condition of people. They are: <ul style="list-style-type: none"> <li>(i) Monetary compensation.</li> <li>(ii) Compensation in kind</li> <li>(iii) Training to locals to develop skill should be promoted by the project.</li> </ul> </li> </ul>
g. Others	None	None
2.	Occupational health & safety measures as per DGMS	The guidelines declared by DGMS for Health & safety time to time are followed strictly and being complied.
3.	Safety measures proposed	No drilling & Blasting is required for the mining of Building Limestone mineral, however require safety measures like compulsory use of PPE's on operation place, regular checkup of labors for health issues and free medicine to labours.
f.	Is First Aid facility provided by PP?	Yes, First Aid facility will be 24 hours available at site of operation of mining.
g.	Details of PPEs	<p>Mineworkers require specific Personal Protection <u>Equipment</u> (PPE) to protect the entire body from any harm or injury in the <u>mining environment</u> are:</p> <p>(3) <b>Head and face protection:</b> This comprises of a hard hat, safety glasses, ear plugs and half-face or full-face masks.</p> <p>(4) <b>Feet and leg protection:</b> The standard footwear for optimal foot and leg protection are heavy-duty boots.</p>
h.	Whether Registration of Workers under Building and other Construction Workers' (regulation of Employment & Conditions of Service) Act, 1996 and as Beneficiaries with the Gujarat Building and other Construction Workers Welfare Boards is obtained or not?	Project is on contract base.
i.		Workers are insured with accident policy.



	Insurance of Workers	
j.	Health checkup plan of workers	Health plan of workers is adopted and it is being carried out twice in every month regularly.

**F. Transportation:**

1.	No. of vehicles per day carrying Minerals	3-4 truck
2.	Fugitive dust emission control measures	Water sprinkling
3.	Route plan in brief	1.26km.

**G. Financial details of the Project:**

1.	Total cost of the project (Lakh)	70.97										
a.	Upfront cost (Lakh)	-										
b.	Performance Security (Lakh)	2.00										
c.	Total Royalty (Lakh)	7.66										
d.	Weigh Bridge Cost (Lakh)	3.50										
e.	Labor cost equipment (Lakh)	5.23										
f.	Equipment protection and implementation cost (Lakh)	21.6045										
g.	Green Belt Development & maintenance cost (Lakh)	Already included in EMP (1h above)										
h.	Cost of EMP (Lakh)	30.9755										
i.	Cost of Safety measures (Lakh)	Already included in EMP (1h above)										
j.	Cost of Post-Closure Mine Plan (Lakh)	Already included in EMP (1h above)										
2.	Budget allocated for CER (Lakh)	7.00										
3.	Is need based survey for CER carried out? (Yes / No)  If yes, give details of activities along with Budgetary Outlay	<table><tr><th>Sr. No</th><th>Activity</th><th>1<sup>st</sup> Yr at Vijapur Village.</th><th>2<sup>nd</sup> to 5<sup>th</sup> year At other affected villages like- (2) Ghudvadar (3) Sodvadar (4) Plasva (5) Durgapur.</th><th>Total for 5 Years (Plan Period)</th></tr><tr><td>1</td><td>Solar Panel to school</td><td>1.00</td><td>4.00</td><td>5.00</td></tr></table>	Sr. No	Activity	1 <sup>st</sup> Yr at Vijapur Village.	2 <sup>nd</sup> to 5 <sup>th</sup> year At other affected villages like- (2) Ghudvadar (3) Sodvadar (4) Plasva (5) Durgapur.	Total for 5 Years (Plan Period)	1	Solar Panel to school	1.00	4.00	5.00
Sr. No	Activity	1 <sup>st</sup> Yr at Vijapur Village.	2 <sup>nd</sup> to 5 <sup>th</sup> year At other affected villages like- (2) Ghudvadar (3) Sodvadar (4) Plasva (5) Durgapur.	Total for 5 Years (Plan Period)								
1	Solar Panel to school	1.00	4.00	5.00								

			buildings & Panchayat building.			
		<b>2</b>	Plantation on inner roads of village and recharge pits for ground water table.	0.20	0.80	1.00
		<b>3</b>	(1) Distribution of pamphlets on environmental awareness.  (2) Importance of ground water & Creation of recharge pits.	0.05  0.15	0.80	1.00
		<b>Total</b>		<b>1.40</b>	<b>5.60</b>	<b>7.00</b>
		<b>Total CER Rs. in lakhs for plan period - 7.00</b>				

**H. Restoration / Reclamation Plan:**

<b>1.</b>	Restoration / Reclamation Details	Not Applicable
<b>2.</b>	Post mining closure plan	Mine closure will be in two step (1) Progressive mine closure and (2) Final mine closure. As per approved plan at end of mine the 00.40.69 ha. SBZ & 00.00 ha. area will be reclaimed by refilling area will be developed with plantation of dust & Noise tolerance species of vegetation and rest 01.38.35 ha. will be converted as water reservoir with parapet fencing to avoid accident.
<b>3.</b>	Backfilling material and its quantity	Back filling is proposed in approved mining plan.
<b>4.</b>	Size of void for Rain Water Harvesting after backfilling	-
<b>5.</b>	Post Closure Liability / Safety aspects and Measures to be taken to avoid wild life and human accidents/ casualties	In Post Closure Liability / Safety aspects and Measures to be taken like proposal of wired fencing and buffer plantation on SBZ area around lease boundary to avoid illegal entry and stone parapet having 4 feet high around mined out area or Pit to avoid accident or casualties to domestic animal and human life.

6.	Display of Caution Boards at strategic locations on the periphery of the pit area	<p style="text-align: center;"><b>જાહેર ચેતવણી</b></p> <p style="text-align: center;">આ વિસ્તાર ખાનગી વિસ્તારમાં મંજૂર થયેલ લીઝ વિસ્તાર છે. આગળ આવેલા ખાડાની ઉંડાઈ ૨.૦૦ મીટર જેટલી હોય, અકસ્માત થવાની સંભાવના હોય, સાવધાન રહેવું.</p> <p style="text-align: right;">ખાણ માલિક</p>
7.	Final Use of reservoir/ reclaimed land	Reclaimed land will be developed as Green belt and pit will be used as water reservoir till it will reclaimed and at the end the total area will be reclaimed as agriculture land.

**I. Details of Legal Action / Court Case:**

1.	Details of Pending Court matter / Public Litigation Cases in any court of Law	No any matter against project is pending in any court of law.
2.	Details of Action taken by GPCB, if any	None
3.	Details of public complaint , if any	None
4.	Compliance of EC by RO-GPCB or MoEFCC-Bhopal	-

**J. Contact Details:**

1.	<b>Contact details of Applicant</b>	Nishitbhai Ashvinbhai Bhetariya (Block –A)
2.	Name	Nishitbhai Ashvinbhai Bhetariya(Block –A)
3.	Address	Vijapur, Taluka - Junagadh, District – Junagadh.
4.	Contact no.	-
5.	Email Id	-
6.	<b>Contact details of Consultant</b>	Geo Mining Consultant
7.	Name	BhanjibhaiSolanki
8.	Address	301-302, Capital Market, MahakaliMandir, Main road, Rajkot.
9.	Contact no.	9824218590
10.	Email Id	bhanjisolanki@1962@gmail.com

**Deliberation:**

- Shri Bhanjibhai Solanki, the consultant of the PP remained present in the meeting dated 09.11.2022 on behalf of the PP and he has also submitted the Authorization letter for same.
- The Committee deliberated on the project cost, EMP, CER, traffic study, greenbelt development etc.
- Committee noted that the location of the lease is complying with the distance criteria prescribed by Hon'ble NGT before Principal Bench in the order of O.A. NO. 85/2019 (WZ) dtd. 30.09.2020; Sustainable Sand Mine Guideline of MOEF&CC, 2016; Enforcement & Monitoring Guidelines for Sand Mining issued by MoEFCC in January, 2020; MoEFCC letter vide no.6-60/2020WLP(1), dated 16.07.2020; MoEFCC OM vide no. 22-43/2018-

IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No. 202 of 1995; Amended CRZ Notification 2011; MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014 etc.

- Mining plan is approved by the Geology & Mining Department vide letter no. GJ/MP/APPROVED/2021/2421, dated 06.09.2022.
- It is mentioned in the project details validated by the District Geologist, Junagadh vide letter no. GJ/EC/Project/2022-23/2572, dated 27.09.2022 that No Reserve / Protected forest is in the periphery of 10 km of proposed lease area.
- Method of mining is open cast semi mechanized without blasting.
- Water consumption of the project shall not exceed 10 kLPD and shall be met through nearby agricultural firms.
- Employment for approximately 17 people will be generated from the proposed project.
- The PP has submitted the e-receipt of application for N.A. document dated 15.10.2022 made before District Collector, Junagadh.

• **The details of EMP is as below:**

Sr. No.	Activity	Budget Allocation in Lakhs. (Capital for plan period)	Budget Allocation in Lakhs. (Recurring/Annum)	Detail Justification /Clarification
1.	Overburden and removal and its management	0.50	0.10	The Budget allocated for O.B. removal and its management for working area of mine as capital cost and budget of recurring.
2.	Air pollution / dust mitigation / water sprinkling measures	6.0	1.50	Capital cost for permanent base tractor mounted tanker and instalment of water sprinklers for Air /Dust mitigation and budgetary provision for purchase of water and management.
3.	Disposal of Semi Solid cutting and seizing waste	0.40	0.10	It is Building Lime Stone Mine and there would be generation of Semi solid Cuttings and Seizing Waste about 10% and waste will be used for backfilling.
4.	Removal of debris which is not required for back filing	0.0	0.0	There will be no such debris generated. Whatever debris/waste shall be used for backfilling.
5.	Blasting related safeguard expenses	0.0	0.0	It is Building Lime Stone Mining Project and blasting is not require and not proposed in Mining plan.
6.	Noise pollution control measures	0.5085	1.0170	To minimize and control the noise pollution, the statutory barrier

		0.20	0.05	<p>zone (SBZ) will be developed as Green Belt with Noise tolerant plant species and for that capital and for development and maintenance the recurring cost is allotted.</p> <p>Earmuffs for working labours</p>
7.	Approach roads to mining and treatment site	0.0	0.0	Approach road to mining will be maintained and No such treatment site is proposed; hence, not applicable.
8.	Control of fugitive emission during loading and unloading, transportation	0.30	0.10	To control the fugitive emission during loading, unloading and transportation there would be budgetary provision for arrangement of water sprinklers on operation places.
9.	Post closure restoration and reclamation (back filing, levelling, caution boards) including regressing and plantation etc./ utilizing the void for rainwater storage and harvest reservoir	10.00	0.00	It is private land and converted for mining industrial purpose and at conceptual stage the mined out area will be converted as water reservoir with wire fencing with stone parapet till it will reclaimed as re agricultural land.
10.	Fencing to prevent loss of wildlife and human movement	1.00	0.10	There is no wildlife and human movement in buffer area of mine however to avoid any accident, fencing around working pit area would be there.
11.	Cost of laboratory analysis if any	0.0	1.20	Expense on Laboratory analysis and report for half yearly compliances report
12.	Cost of compliance of commitment during public hearing	0.0	0.0	It is B <sub>2</sub> Category project and as per EIA notification-2006 public hearing is not required; hence, no commitments to compile.
13.	Environment monitoring	0.0	1.20	There would be environmental monitoring for compliances and budgetary provision to comply the EC conditions.

				Air: One sample (8Hourly) of project site . Sample/Rs.0.15 X2 =0.30 Water: One Sample near project site. Sample/Rs. 0.15 X2 =0.30 Nosie: One Sample on project site. Sample/Rs. 0.15 X2 =0.30 Soil: One Sample on project site Sample/Rs. 0.15 X2 =0.30
14.	Safety and health of workers/public	1.10	0.20	Budget for due care for the safety and health of workers/public. Provision of PPE's and arrangement of periodically medical camps.
15.	CER activities	5.0	0.40	The budget of Rs. 7.00 lakhs allotted for plan period and Rs. 1.40 lakh for every year for affected village and it will be start from village Vijapur.
<b>Total</b>		25.0085	5.9670	
<b>Total EMP Budget (Lakh)</b>		<b>30.9755</b>		

• The details of CER is as below:

Sr. No	Activity	1 <sup>st</sup> Yr at Vijapur Village.	2 <sup>nd</sup> to 5 <sup>th</sup> year At other affected villages like- (2) Ghudvadar (3) Sodvadar (4) Plasva (5) Durgapur.	Total for 5 Years (Plan Period)
1	Solar Panel to school buildings & Panchayat building.	1.00	4.00	5.00
2	Plantation on inner roads of village and recharge pits for ground water table.	0.20	0.80	1.00
3	(1) Distribution of pamphlets on environmental awareness. (2) Importance of ground water & Creation of recharge pits.	0.05 0.15	0.80	1.00
<b>Total</b>		1.40	5.60	7.00

Total CER Rs. in lakhs for plan period – 7.00

Considering the anticipated impacts of mining, mitigation measures proposed by the lease holder, committee unanimously decided to recommend the above proposal for grant of Environmental Clearance to SEIAA, subject to the strict implementation of conditions mentioned for **Non Sand Mining without Blasting project** approved by SEAC on 09/08/2017 and by SEIAA on 16/09/2017 with specific conditions as per **Annexure – I**.

15	<b>BUILDING LIMESTONE MINING</b>	<b>DIST: JUNAGADH</b>	<b>B2 EC</b>
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i.	Application No	SIA/GJ/MIN/401512/2022
ii.	Name of Project	Rambhai R. Odedara (Block-A)
iii.	S.No.	74 paiki, 358, pvt. land
iv.	Village	Antroli
v.	Taluka	Mangrol
vi.	Dist	Junagadh
vii.	Lease Area	1.00.00 Ha
viii.	Validity of lease	Lol issued vide letter no. GEO/Auction/LMS/JUN/2022-23/011/10002A/2153 dated 06.08.2022 for 30 years
ix.	ROM	5730 MTPA
x.	Nearest Human Habitation	Antroli – 0.52 km
xi.	End Use	Construction
xii.	Investment in Rs	59.66 LAKH
xiii.	Date of Application Accepted by SEAC	10.10.2022

The Project Falls Under B2 Category – 1(A), i.e. mining of minerals as per the provision of EIA Notification, 2006. Project proponent has applied to obtain Environment Clearance (EC) For Mining of BuildingLimestone.

**A. Basic Information of the Project:**

1.	Name of Project as per Form I	Rambhai R. Odedara. (Block –A)
2.	Address of the lease	Private Sr. No. 74 Paiki, 358. Antroli, Taluka - Mangrol, District – Junagadh.
3.	Name of lease holder	Rambhai R. Odedara. (Block –A)
4.	Lease area (Ha)	01-00-00 Ha.
5.	Cluster Details	
	a. Total no. of leases in the cluster	-
	b. No. of TOR granted in cluster	-

	c. No. of EC granted in cluster	-																																	
	d. Total area of the cluster	-																																	
	e. Maximum individual lease area	-																																	
	f. Minimum individual lease area	-																																	
6.	Validity of lease with the date of expiry	30 Years																																	
7.	Rate of Mining (MT/Annum)	5,730 TPA																																	
8.	Details of EC obtained (for expansion projects), if any	N.A.																																	
9.	Name of River Bed	N.A.																																	
10.	Is the river perennial / non-perennial?	N.A.																																	
11.	Lease area (submerged / in stream / on dry river bed)	N.A.																																	
12.	All coordinates of the lease area as per Approved Mining Plan	<table> <tr> <th></th><th>NORTHING</th><th>EASTING</th></tr> <tr><td>1</td><td>21°13'27.28"N</td><td>70° 0'29.11"E</td></tr> <tr><td>2</td><td>21°13'27.60"N</td><td>70° 0'30.02"E</td></tr> <tr><td>3</td><td>21°13'23.72"N</td><td>70° 0'32.83"E</td></tr> <tr><td>4</td><td>21°13'23.39"N</td><td>70° 0'32.21"E</td></tr> <tr><td>5</td><td>21°13'23.27"N</td><td>70° 0'31.79"E</td></tr> <tr><td>6</td><td>21°13'23.50"N</td><td>70° 0'31.27"E</td></tr> <tr><td>7</td><td>21°13'25.62"N</td><td>70° 0'29.24"E</td></tr> <tr><td>8</td><td>21°13'23.53"N</td><td>70° 0'25.10"E</td></tr> <tr><td>9</td><td>21°13'24.48"N</td><td>70° 0'24.58"E</td></tr> <tr><td>10</td><td>21°13'26.31"N</td><td>70° 0'28.52"E</td></tr> </table>		NORTHING	EASTING	1	21°13'27.28"N	70° 0'29.11"E	2	21°13'27.60"N	70° 0'30.02"E	3	21°13'23.72"N	70° 0'32.83"E	4	21°13'23.39"N	70° 0'32.21"E	5	21°13'23.27"N	70° 0'31.79"E	6	21°13'23.50"N	70° 0'31.27"E	7	21°13'25.62"N	70° 0'29.24"E	8	21°13'23.53"N	70° 0'25.10"E	9	21°13'24.48"N	70° 0'24.58"E	10	21°13'26.31"N	70° 0'28.52"E
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13.	Manpower requirement	14																																	
14.	Applicability of CRZ Notification	CRZ notification is not applicable.																																	
15.	Minimum Setback distance proposed to be maintained from River Bed (m)	N.A.																																	
16.	Minimum buffer distance from bridge piers / water intake wells / irrigation structures	N.A.																																	
17.	Maximum depth of sand removal (3 m or water depth whichever is less)	N.A.																																	
18.	Width of Riverbed (m)	N.A.																																	
19.	Average depth of water at lease area (m)	N.A.																																	
20.	Depth of mining (m)	6.00mtr.																																	
21.	Ground Water Table in meter BGL	40-50mtr.																																	
22.	Does mining activity intersect ground water?(Yes / No)  If yes, status report of CGWA	No interfere of ground water during mining. Approach road exist having length of 0.18mtrs. kuchcha road to cart road.																																	
23.	Distance between lease and main road	S.H. No.6- 0.41 km																																	
24.	Length of kaccha road (m)	0.41 km																																	
25.	Length of pacca road (m)	0.41 km																																	
26.	Plan for making pacca road	-																																	
27.	Source of freshwater	Source of fresh Water is well nearby agricultural firm.																																	
28.	Water requirement (kLPD)	10																																	
	a. Domestic	1.0																																	
	b. Dust suppression	6.0																																	
	c. Gardening / Green belt development	3.0																																	
	d. others	-																																	



29.	Whether the Undertaking is submitted for identical information provided in Form I, Approved Mining Plan, Project Details validated by District Geologist, Pre-Feasibility Report, Lease Document, Environment Management Plan and other documents	Submitted.
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**B. Environmental Sensitivities:**

Sr No.	Environmental Sensitivities	Actual Distance	Minimum Distance	Reference
1	Residential	Antroli - 0.52 km	100 m (When Blasting is not involved)	As per CPCB Distance Criteria And order of NGT before Principal Bench in the O.A. NO 85/2018 ( WZ) dtd 30.09.2020
	Public buildings	Antroli - 0.52 km		
	Inhabited sites	Antroli - 0.52 km		
	Protected monuments,	Narsinh Mehta No Choro -58.09 km.		
	Heritage sites	Uparkot Fort – 58.09 km.		
	National / State Highway	S.H. No.6- 0.41 km N.H. 51– 0.41 km		
	District roads	0.41 km		
	Public roads	0.41 km		
	Railway line / area	Keshod Railway Station-26.61 km		
	Ropeway or Ropeway trestle or station	Girnar Ropeway- 61.60 km.		
	Bridges	Porabandar Veraval Highway Bridges – 4.66 km		

	Dams	Check Dam Near shil village - 3.57 km.		
	Reservoirs	Local River- 4.50km.		
	River	Local River- 4.50km.		
	Canal	No Canal		
	Lakes	Antroli Village Lake- 0.62 km		
	Tanks	Antroli – 1.07 km		
2	Eco-Sensitive Zone (if notified)	No Eco- Sensitive Zone within 10 km. boundary of lease.	(i) Outside the Eco- Sensitive Zone (if located within Notified Eco- Sensitive Zone, Prior Clearance of NBWL required)	As per 3(i) of MoEFCC letter vide no. 6-60/2020WLP(1), dated 16.07.2020
			(ii) >1 km and <10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL may not be applicable)	As per 4(ii) & 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019
			(iii) Proposal involving mining of mineral within 1 km from boundary of National Park and Sanctuaries is prohibited	As per 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No. 202 of 1995
3	Eco-Sensitive Zone (if not notified)	No Eco- Sensitive Zone within 10 km. boundary of lease.	(iii) Outside the Eco-Sensitive Zone  (iv) >1 km and <10 km of	As per 3(ii) of MoEFCC letter vide no. 6-60/2020WLP(1), dated 16.07.2020

			National Park / Wildlife Sanctuary (Prior Clearance of NBWL required)	
4	Attraction of General Conditions for change in category from 'B' to 'A'.	--	0 to 5 km from the boundary of Environmental sensitivities prescribed in the referred Notification	MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014
5	Distance of Coastal line from the site	1.61 km	>500 m from HTL	Amended CRZ Notification 2011

**C. Details of Mining:**

1.	Method of Mining (Manual / Semi-mechanized / Mechanized).	Open Cast Semi-mechanized mining method is adopted.
2.	Equipment's to be used for Mining bulldozers, hydraulic excavators, JCB, scrapers, loaders, Diesel Pump, etc.)	Cutter Machine, Hydraulic Excavator, JCB & Loaders are equipment in use for mining activities.
3.	Whether it includes blasting?	Blasting is Not proposed in approved mining plan.
4.	Details of Authorized Blasting Agency with date of validity certificate	N.A.
5.	Procedure / SOP (in brief)	N.A.
6.	Details of Blasting Parameters in brief	N.A.
7.	Frequency of blasting	N.A.
8.	Impact of blasting	N.A.
9.	Outcome of Vibration study	N.A.
10.	Blasting Activity Management Plan	N.A.
11.	Use of any Chemical with quantity	N.A.
12.	Precautions taken for Human Safety in brief	N.A.
13.	Crusher provided? If Yes, Measures taken for Air Pollution Control	N.A.
14.	Compliance of DGMS Guidelines for Blasting	N.A.
15.	Compliance of Sustainable Sand Mine Guidelines published by MoEFCC in 2016	N.A.
16.	Whether Replenishment Rate Study is approved by District Geologist?  If yes, conclude in brief	N.A.

**D. Details of Green Belt Development:**

1.	a. Green belt development budget	1.65Lakh
	b. Green belt area / location	SBZ area

	c. No. of trees to be planted	1100 trees
	d. Types of trees to be planted	<b>Azadirachta indica</b> –Dust,Air& Noise pollutant tolerance <b>FicusReligiosa</b> – Air & Noise pollutant tolerance species. <b>ButeaFrondosa</b> – is Dust & noise pollutant tolerance plant.

E. Details of Environment Management Plan:

1.	Det ails of EM P	Impact	Mitigation Measures
	a. Lan d Envi ron men t	Since mining is essentiallyan excavation of mineral ore the land environment is greatly affected by it, especially in the case of opencast mines: (i) The topsoil in the active mining area gets adversely affected. (j) The soil quality of the surrounding area are also likely to get affected due to siltation and run off from waste dumps. (k) The mine drainage, if it is acidic and containing toxic constituents, not adequately treated when discharged to nearby land would affect the soil quality adversely; when discharged untreated into streams effects the quality of water and make in unfit for agricultural use. (l) Agriculture is also directly linked to soil. If soil quality deteriorates, the agricultural productivity of the land decreases.	Adopting suitable, site-specific mitigation measures can reduce the degree of impact of mining on land. Some of the land-related mitigation measures are as follows: (k) Topsoil is should be kept in a designated area and should be given minimum storage time to prevent nutrient loss. (l) Garland drains, ditches, catchpits in different combinations should be provided to prevent run off affecting the surrounding agricultural land. These are to be designed looking into the locational site features. (m) Mine drainage is to be treated adequately before discharge to stream outside the boundary of the project area. (n) Non-mineral zones and open areas should be planted with trees. (o) Siltation of agricultural land should be prevented.
	b. Wat er Envi ron men	Mining and its associated activities not only use a lot of water but also likely to affect the hydrological regime of the area : (g) The major impact of deep and large mines is of natural groundwater table.	The following mitigation measures are suggested for water management and water pollution control. However, priority relevance depends on the location and type of mining

t	<p>(h) Lowering of water table may result in reduced groundwater availability</p> <p>(i) Extraction of different minerals is known to lead to water pollution due to heavy metal, acid discharges and increased suspended solids.</p> <p>However, the impact of mining project on groundwater hydrology and surface water regime are site specific and depends upon the characteristics of the mineral, hydrogeology and requirement of groundwater for other uses.</p>	<p>and minerals:</p> <p>(a)The overall drainage planning should be done in such a manner that the existing pre-mining drainage conditions should be maintained to the extent possible so that run off distribution is not affected.</p> <p>(b)drainage conditions should be maintained to the extent possible so that run off distribution is not affected</p> <p>©The surplus treated mine water should be discharged into local ponds and agricultural fields which should act like a constant source of recharge to improve the groundwater level in the area</p> <p>(d)Rainwater harvesting by constructing check dams on natural nallah and developing water bodies should be planned for recharging groundwater.</p> <p>(e)</p> <p>(i)Stone barriers across the drain should be constructed to check the water current and arrest solids.</p> <p>(ii)Stone pitching should be made at suitable location to regulate water flow and prevent soil erosion.</p> <p>(iii) Settling pits and drains should be periodically desilted.</p>
c. Air Envi ron men t	<p>Mining operation and associated activities are potentially air polluting and the major air pollutant is the suspended particulate matter.</p> <p>(a)Most of the air pollution problems are due to fugitive dust emission, which is more prominent in open cast mines</p> <p>(b)The intensity of dust generation in the mining is influenced by factors such as hardness of rock, mining technology and material handling etc.</p>	<p>Mitigation measures at various dust generating activities are discussed below:</p> <p><b>(A)Paved surfaces:</b></p> <p>Paved surfaces have less dust generation potential. Dust pick-up by wind depends on the wind speed and is usually significant at wind speeds above 5 meters per second. However slight speed of vehicle can cause higher dust generation. Dust emissions from paved surfaces can be minimized by adopting following measures:</p> <p>Prevent spillages of materials on the paved surfaces during materials transportation.</p> <p>(a) Minimize mud and dust</p>

		<p>track-out from unpaved areas by the use of wheel wash facilities.</p> <p>(b)Regular cleaning of paved surfaces, using mobile vacuum sweeper or a water flushing system.</p> <p>(c)Speed controls on vehicle movements.</p> <p>(d)Wind reduction control by plantation.</p> <p><b>(B)Unpaved Surfaces :</b></p> <p>Dust emissions from unpaved surfaces are caused than from paved surfaces are usually much greater. Dust emissions can be controlled by using the following methods:</p> <p>(a) Water sprinkling on unpaved areas during dry wind periods, using a water tanker/or fixed sprinklers.</p> <p>(b)Chemical stabilization can also be used in association with wet suppression.</p> <p>(c) Surface improvements may be done with concrete or asphalt or the addition of gravel or chemical dust suppression to the surface for stabilization.</p> <p>(d) Speed control on vehicle movements to limit speeds.</p> <p>(e)Wind reduction control by plantation.</p> <p>(f)Wet suppression of unpaved areas can achieve dust emission reduction of about 70 percent or more, and this can sometimes be increased by up to 95% through the use of chemical stabilization.</p> <p>(g)Trees can act as efficient biological filters. The systematic and planned development of green belts not only reduces the fugitive dust but also checks runoff and improves the aesthetic beauty of an area.</p>	
d.	Noise level increased due to mining activities such as excav	The following mitigation measures	

Noise Environment	<p>ation,drilling,blasting,handlingand transportationofore and overburden andoperationofprocessing equipment:</p> <p>(a)Noise Pollution due to drilling &amp; Blasting if applicable.</p> <p>(b) Noise Pollution due to use of heavy machineries.</p>	<p>canbeadoptedtocontrolnoise:</p> <p>(a)Selectionofnewlow-noiseequipmentfromthemanufact uresfailingwhichuseofadditional retrofitsifavailable.</p> <p>(b)Modifications of the older equipment or method by incorporating minor design changes.</p> <p>(c)Implementationofaneffectivepl annedpreventivemaintenancewh ichreducesnoiselevelbymoretha n 50%.</p> <p>(d)When allcontrolsfailtoreducethelevelofn oiseenteringtheear,byuseofperso nalhearingprotectiondevices.</p>
e. Biological Environment	<p><i>AnticipatedImpact(FloraandFauna):</i></p> <ul style="list-style-type: none"> <li>• Impactonforestresources,economicallyimport antplants,medicinalplantsandthreatto rare,endemicandendangeredspecies</li> <li>• Impactonterrestrialandaquaticbiodiversity</li> <li>• Impactonwildlifeincludeingavi-fauna</li> <li>• Impactonwildlifehabitatandmigratorycorridors</li> <li>• Impactonfloraandfaunaduetoairemissions,noi se,vibration,illumination,vehicularmovement, wastewaterdischarges,changesinlanduse,to wnshipetc.</li> </ul>	<p>Measurestocompensatetheloss offorestcoverage:</p> <ul style="list-style-type: none"> <li>➤ Regenerationofrareand endangeredplantsofec onomicimportanceincl udingmedicinal plants.</li> <li>➤ Measuresforprotection andconservationofwildl ifespecies</li> <li>➤ Greenbeltanditsraising schedule</li> <li>➤ Progressiveafforestatio ninoverburden,reclaim edminedoutareas.</li> </ul>
f. Human Environment	<p>Mining activityinanareshaslongtermirreversibleimpacton Human Environment like local,sociological,culturalandeconomicsituation.</p> <p>(e) Peoplearedirectlyaffecteddueto pollution.</p> <p>(f) Health issues and spread of mining related diseases</p>	<p>Following mitigation measures are suggested:</p> <ul style="list-style-type: none"> <li>• A welfare plan with funding from the project proponent should be prepared to provide assistance to affected people.</li> <li>• The infrastructure facility (Educational Institute, Water Supply, Health Care etc.) developed by the project should also be extended to people without any cost or minimal cost.</li> <li>• Medical aid and regular check up.</li> </ul>

		<ul style="list-style-type: none"> <li>Various compensatory packages to be formulated for the improvement of socio-economic condition of people. They are:</li> <li>(i) Monetary compensation.</li> <li>(ii) Compensation in kind</li> <li>(iii) Training to locals to develop skill should be promoted by the project.</li> </ul>
g. Others	None	None
2.	Occupational health & safety measures as per DGMS	The guidelines declared by DGMS for Health & safety time to time are followed strictly and being complied.
3.	Safety measures proposed	No drilling & Blasting is required for the mining of Building Limestone mineral, however require safety measures like compulsory use of PPE's on operation place, regular checkup of labors for health issues and free medicine to labours.
a.	Is First Aid facility provided by PP?	Yes, First Aid facility will be 24 hours available at site of operation of mining.
b.	Details of PPEs	<p>Mineworkers require specific Personal Protection Equipment (PPE) to protect the entire body from any harm or injury in the mining environment are:</p> <p>(5) <b>Head and face protection:</b> This comprises of a hard hat, safety glasses, ear plugs and half-face or full-face masks.</p> <p>(6) <b>Feet and leg protection:</b> The standard footwear for optimal foot and leg protection are heavy-duty boots.</p>
c.	Whether Registration of Workers under Building and other Construction Workers' (regulation of Employment & Conditions of Service) Act, 1996 and as Beneficiaries with the Gujarat Building and other Construction Workers Welfare Boards is obtained or not?	Project is on contract base.
d.	Insurance of Workers	Workers are insured with accident policy.
e.	Health checkup plan of workers	Health plan of workers is adopted and it is being carried out twice in every month regularly.
<b>F. Transportation:</b>		
1.	No. of vehicles per day carrying Minerals	1-2 truck
2.	Fugitive dust emission control measures	Water sprinkling
3.	Route plan in brief	0.18 km.



**G. Financial details of the Project:**

<b>1.</b>	Total cost of the project (Lakh)	59.66				
	a. Upfront cost (Lakh)	-				
	b. Performance Security (Lakh)	1.00				
	c. Total Royalty (Lakh)	4.461				
	d. Weigh Bridge Cost (Lakh)	3.367				
	e. Labor cost equipment (Lakh)	2.632				
	f. Equipment protection and implementation cost (Lakh)	21.00				
	g. Green Belt Development & maintenance cost (Lakh)	Already included in EMP (1h above)				
	h. Cost of EMP (Lakh)	27.20				
	i. Cost of Safety measures (Lakh)	Already included in EMP (1h above)				
	j. Cost of Post-Closure Mine Plan (Lakh)	Already included in EMP (1h above)				
<b>2.</b>	Budget allocated for CER (Lakh)	6.00				
<b>3.</b>	Is need based survey for CER carried out? (Yes / No)  If yes, give details of activities along with Budgetary Outlay	<b>Sr. No</b>	<b>Activity</b>	<b>1<sup>st</sup> Yr at Antroli Village.</b>	<b>2<sup>nd</sup> to 5<sup>th</sup> year At other affected villages like- (2)Divasa (3) Mekhadi (4) Ajak(5)Bamanvad.</b>	<b>Total for 5 Years (Plan Period).</b>
		<b>1</b>	Solar Panel to school buildings & Panchayat building.	0.80	3.20	4.00
		<b>2</b>	Plantation on inner roads of village and recharge pits for ground water table.	0.20	0.80	1.00
		<b>3</b>	(1) Distribution of pamphlets on environmental	0.05	0.80	1.00

		awareness.	0.15		
		(2) Importance of ground water & Creation of recharge pits.			
		<b>Total</b>	<b>1.20</b>	<b>4.80</b>	<b>6.00</b>
		<b>Total CER Rs. in lakhs for plan period - 6.00</b>			

#### H. Restoration / Reclamation Plan:

1.	Restoration / Reclamation Details	Not Applicable
2.	Post mining closure plan	Mine closure will be in two step (1) Progressive mine closure and (2) Final mine closure. As per approved plan at end of mine the 00.43.13 ha. SBZ & 00.00 ha. area will be reclaimed by refilling area will be developed with plantation of dust & Noise tolerance species of vegetation and rest 00.56.87 ha. will be converted as water reservoir with parapet fencing to avoid accident.
3.	Backfilling material and its quantity	Back filling is proposed in approved mining plan.
4.	Size of void for Rain Water Harvesting after backfilling	-
5.	Post Closure Liability / Safety aspects and Measures to be taken to avoid wild life and human accidents/ causalities	In Post Closure Liability / Safety aspects and Measures to be taken like proposal of wired fencing and buffer plantation on SBZ area around lease boundary to avoid illegal entry and stone parapet having 4 feet high around mined out area or Pit to avoid accident or causalities to domestic animal and human life.
6.	Display of Caution Boards at strategic locations on the periphery of the pit area	<p style="text-align: center;"><b>જાહેર ચેતવણી</b></p> <p style="text-align: center;">આ વિસ્તાર ખાનગી વિસ્તારમાં મંજૂર થયેલ લીઝ વિસ્તાર છે. આગળ આવેલા ખાડાની ઉંડાઈ ૨.૦૦ મીટર જેટલી હોય, અકસ્માત થવાની સંભાવના હોય, સાવધાન રહેવું.</p> <p style="text-align: right;">ખાણ માલીક</p>
7.	Final Use of reservoir/ reclaimed land	Reclaimed land will be developed as Green belt and pit will be used as water reservoir till it will reclaimed and at the end the total area will be reclaimed as agriculture land.

#### I. Details of Legal Action / Court Case:

1.	Details of Pending Court matter / Public Litigation Cases in any court of Law	No any matter against project is pending in any court of law.
2.	Details of Action taken by GPCB, if any	None

3.	Details of public complaint , if any	None
4.	Compliance of EC by RO-GPCB or MoEFCC-Bhopal	-

**J. Contact Details:**

1.	<b>Contact details of Applicant</b>	Rambhai R. Odedara. (Block –A)
2.	Name	Rambhai R. Odedara(Block –A)
3.	Address	Antroli, Taluka - Mangrol, District - Junagadh.
4.	Contact no.	-
5.	Email Id	-
6.	<b>Contact details of Consultant</b>	Geo Mining Consultant
7.	Name	BhanjibhaiSolanki
8.	Address	301-302, Capital Market, MahakaliMandir, Main road, Rajkot.
9.	Contact no.	9824218590
10.	Email Id	bhanjisolanki@1962@gmail.com

**Deliberation:**

- Shri Bhanjibhai Solanki, the consultant of the PP remained present in the meeting dated 09.11.2022 on behalf of the PP and he has also submitted the Authorization letter for same.
- The Committee deliberated on the project cost, EMP, CER, traffic study, greenbelt development etc.
- Mining plan is approved by the Geology & Mining Department vide letter no. GJ/MP/APPROVED/2022/2415, dated 06.09.2022.
- It is mentioned in the project details validated by the District Geologist, Junagadh vide letter no. GJ/EC/Project/2022-23/2571, dated 27.09.2022 that No Reserve / Protected forest is in the periphery of 10 km of proposed lease area.
- Method of mining is open cast semi mechanized without blasting.
- Water consumption of the project shall not exceed 10 kLPD and shall be met through nearby agricultural firms.
- Employment for approximately 14 people will be generated from the proposed project.
- The PP has submitted the N.A. document issued by the District Panchayat (Revenue Branch), Junagadh, dated 04.09.2017.

• **The details of EMP is as below:**

Sr. No.	Activity	Budget Allocation in Lakhs. (Capital for plan period)	Budget Allocation in Lakhs. (Recurring/Annum)	Detail Justification /Clarification
1.	Overburden and removal and its management	0.50	0.10	The Budget allocated for O.B. removal and its management for working area of mine as capital

				<b>cost and budget of recurring.</b>
2.	Air pollution / dust mitigation / water sprinkling measures	<b>6.0</b>	1.50	Capital cost for permanent base tractor mounted tanker and instalment of water sprinklers for Air /Dust mitigation and budgetary provision for purchase of water and management.
3.	Disposal of Semi Solid cutting and seizing waste	<b>0.50</b>	0.10	It is Building Lime Stone Mine and there would be generation of Semi solid Cuttings and Seizing Waste about 10% and waste will be used for backfilling.
4.	Removal of debris which is not required for back filling	<b>0.0</b>	0.0	There will be no such debris generated. Whatever debris/waste shall be used for backfilling.
5.	Blasting related safeguard expenses	<b>0.0</b>	0.0	It is Building Lime Stone Mining Project and blasting is not require and not proposed in Mining plan.
6.	Noise pollution control measures	<b>0.5500</b>  <b>0.20</b>	<b>1.1000</b>  <b>0.05</b>	<b>To minimize and control the noise pollution, the statutory barrier zone (SBZ) will be developed as Green Belt with Noise tolerant plant species and for that capital and for development and maintenance the recurring cost is allotted.</b>  <b>Earmuffs for working labours</b>
7.	Approach roads to mining and treatment site	<b>0.0</b>	0.0	Approach road to mining will be maintained and No such treatment site is proposed; hence, not applicable.
8.	Control of fugitive emission during loading and unloading, transportation	<b>0.30</b>	0.10	To control the fugitive emission during loading, unloading and transportation there would be budgetary provision for arrangement of water sprinklers on operation places.
9.	Post closure restoration and reclamation (back filling, levelling, caution	<b>7.00</b>	<b>0.00</b>	<b>It is private land and converted for mining industrial purpose and at conceptual stage the</b>

	boards) including regressing and plantation etc./ utilizing the void for rainwater storage and harvest reservoir			<b>mined out area will be converted as water reservoir with wire fencing with stone parapet till it will reclaimed as re agricultural land.</b>
10.	Fencing to prevent loss of wildlife and human movement	<b>1.00</b>	0.10	There is no wildlife and human movement in buffer area of mine however to avoid any accident, fencing around working pit area would be there.
11.	Cost of laboratory analysis if any	<b>0.0</b>	1.20	Expense on Laboratory analysis and report for half yearly compliances report
12.	Cost of compliance of commitment during public hearing	0.0	0.0	It is B2 Category project and as per EIA notification-2006 public hearing is not required; hence, no commitments to compile.
13.	Environment monitoring	0.0	1.20	There would be environmental monitoring for compliances and budgetary provision to comply the EC conditions. Air: One sample (8Hourly) of project site . Sample/Rs.0.15 X2 =0.30  Water: One Sample near project site. Sample/Rs. 0.15 X2 =0.30  Nosie: One Sample on project site. Sample/Rs. 0.15 X2 =0.30  Soil: One Sample on project site Sample/Rs. 0.15 X2 =0.30
14.	Safety and health of workers/public	1.10	0.20	Budget for due care for the safety and health of workers/public. Provision of PPE's and arrangement of periodically medical camps.
15.	CER activities	<b>4.00</b>	0.40	The budget of Rs. 6.00 lakhs allotted for plan period and Rs.

				1.20 lakh for every year for affected village and it will be start from village Antroli.
<b>Total</b>		21.15	6.05	
<b>Total EMP Budget (Lakh)</b>		27.20		

• **The details of CER is as below:**

Sr. No	Activity	1 <sup>st</sup> Yr at Antroli Village.	2 <sup>nd</sup> to 5 <sup>th</sup> year At other affected villages like- (2)Divasa (3) Mekhadi (4) Ajak(5)Bamanvad.	Total for 5 Years (Plan Period).
1	Solar Panel to school buildings & Panchayat building.	0.80	3.20	4.0
2	Plantation on inner roads of village and recharge pits for ground water table.	0.20	0.80	1.0
3	(1) Distribution of pamphlets on environmental awareness. (2) Awareness & Importance of ground water & Creation of recharge pits.	0.05 0.15	0.80	1.0
<b>Total</b>		1.20	4.80	6.00
Total CER Rs. in lakhs for plan period - 6.00				

- During the SEAC meeting dated 09.11.2022, while deliberating on the image of the distance criteria, the Consultant showed distance of the nearest habitation to be 0.52 km from the lease boundary. However, on careful observation of the image revealed that there were some other residences which were closer to the lease area on the right (East) side. Moreover the image also revealed that there were pristine agricultural land/farms on all sides of the lease area and the mining operations may pose a reason for complain against the lease. The consultant produced the Antroli gram Panchayat No Objection and Distance Certificate dated 11.05.2022 stating that the construction on the East is located at an aerial distance of 70 m and the construction on the North-East side area is 92 m.

Hence the Committee unanimously decided to consider the proposal in one of the forthcoming

SEAC meetings on submission and compliance of following ADS points.

1. To clearly state whether the proposal is fulfilling the distance criteria as per the order of Hon. National Green Tribunal before Principal Bench in the O.A. no. 85/2019(WZ) dated 30.09.2020.
2. To produce image(s) showing the shortest distances from the outer boundary of the lease area and to the nearest (a) Residential, (b) public buildings, (c) Inhabited sites - human habitation
3. Actual field based photographs (with auto stamping of date time and GPS location) of the nearest habitation site (including those intimated during the SEAC meeting to be located at an aerial distance of 70 m and 92 m respectively) and also to the nearest village road.

16	<b>BLACKTRAP MINING</b>	<b>DIST: JUNAGADH</b>	<b>B2 EC</b>
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i.	Application No	SIA/GJ/MIN/401610/2022
ii.	Name of Project	Garchar Haresh Ukabhai
iii.	S.No.	42
iv.	Village	Badodar
v.	Taluka	Keshod
vi.	Dist	Junagadh
vii.	Lease Area	1.00.00 Ha
viii.	Validity of lease	Lol issued vide letter no. GEO/Auction/BTP/JUN/2022-23/010/10002A/2149 dated 06.08.2022 for 30 years
ix.	ROM	28524 MTPA
x.	Nearest Human Habitation	Fagli – 244.32 m
xi.	End Use	Construction
xii.	Investment in Rs	62.3 LAKH
xiii.	Date of Application Accepted by SEAC	10.10.2022

The Project Falls Under B2 Category – 1(A), i.e. mining of minerals as per the provision of EIA Notification, 2006. Project proponent has applied to obtain Environment Clearance (EC) For Mining of Black trap.

**A. Basic Information of the Project:**

1.	Name of Project as per Form I	Garchar Haresh Ukabhai
2.	Address of the lease	Govt. Sr. No. 42. Village : Badodar, Ta : Keshod, Dist : Junagadh
3.	Name of lease holder	Garchar Haresh Ukabhai
4.	Lease area (Ha)	01-00-00 Ha.

<b>5.</b>	<b>Cluster Details</b>																									
a.	Total no. of leases in the cluster	N.A.																								
b.	No. of TOR granted in cluster	N.A.																								
c.	No. of EC granted in cluster	N.A.																								
d.	Total area of the cluster	N.A.																								
e.	Maximum individual lease area	N.A.																								
f.	Minimum individual lease area	N.A.																								
<b>6.</b>	Validity of lease with the date of expiry	30 Years																								
<b>7.</b>	Rate of Mining (MT/Annum)	28,524(MT/Annum)																								
<b>8.</b>	Details of EC obtained (for expansion projects), if any	-																								
<b>9.</b>	Name of River Bed	-																								
<b>10.</b>	Is the river perennial / non-perennial?	-																								
<b>11.</b>	Lease area (submerged / in stream / on dry river bed)	-																								
<b>12.</b>	All coordinates of the lease area as per Approved Mining Plan	<table> <tr> <td>A</td><td>21°20'13.63"N</td><td>70°17'35.03"E</td></tr> <tr> <td>B</td><td>21°20'12.90"N</td><td>70°17'37.63"E</td></tr> <tr> <td>C</td><td>21°20'13.46"N</td><td>70°17'40.24"E</td></tr> <tr> <td>D</td><td>21°20'13.91"N</td><td>70°17'41.00"E</td></tr> <tr> <td>E</td><td>21°20'12.12"N</td><td>70°17'41.02"E</td></tr> <tr> <td>F</td><td>21°20'11.75"N</td><td>70°17'38.80"E</td></tr> <tr> <td>G</td><td>21°20'10.00"N</td><td>70°17'37.33"E</td></tr> <tr> <td>H</td><td>21°20'13.21"N</td><td>70°17'34.54"E</td></tr> </table>	A	21°20'13.63"N	70°17'35.03"E	B	21°20'12.90"N	70°17'37.63"E	C	21°20'13.46"N	70°17'40.24"E	D	21°20'13.91"N	70°17'41.00"E	E	21°20'12.12"N	70°17'41.02"E	F	21°20'11.75"N	70°17'38.80"E	G	21°20'10.00"N	70°17'37.33"E	H	21°20'13.21"N	70°17'34.54"E
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G	21°20'10.00"N	70°17'37.33"E																								
H	21°20'13.21"N	70°17'34.54"E																								
<b>13.</b>	Manpower requirement	20																								
<b>14.</b>	Applicability of CRZ Notification	-																								
<b>15.</b>	Minimum Setback distance proposed to be maintained from River Bed (m)	-																								
<b>16.</b>	Minimum buffer distance from bridge piers / water intake wells / irrigation structures	-																								
<b>17.</b>	Maximum depth of sand removal (3 m or water depth whichever is less)	-																								
<b>18.</b>	Width of Riverbed (m)	-																								
<b>19.</b>	Average depth of water at lease area (m)	-																								
<b>20.</b>	Depth of mining (m)	Average up to 10 mtr																								
<b>21.</b>	Ground Water Table in meter BGL	50-60 mtr																								
<b>22.</b>	Does mining activity intersect ground water?(Yes / No)	No																								
	If yes, status report of CGWA																									
<b>23.</b>	Distance between lease and main road	S.H. 46 - 4.93 km.																								
<b>24.</b>	Length of kachcha road (m)	0.94 (km)																								
<b>25.</b>	Length of pacca road (m)	4.93 (km)																								
<b>26.</b>	Plan for making pacca road	It is our proposal to make metal road on the kachcha road having length of 0.94 km after inauguration of lease.																								
<b>27.</b>	Source of freshwater	Well Nearby village.																								
<b>28.</b>	Water requirement (kLPD)	10																								
a.	Domestic	1.0																								
b.	Dust suppression	6.0																								
c.	Gardening / Green belt development	3.0																								
d.	others	-																								
<b>29.</b>	Whether the Undertaking is submitted for identical information provided in Form I,	Submitted.																								





	Canal	---		
	Lakes	No lake within 10km.		
	Tanks	Fagali-0.40 km.		
2.	Eco-Sensitive Zone (if notified)	No Eco-Sensitive zone within 10 km. boundary of lease.	(i) Outside the Eco-Sensitive Zone (if located within Notified Eco-Sensitive Zone, Prior Clearance of NBWL required)	As per 3(i) of MoEFCC letter vide no. 6-60/2020WLP(1), dated 16.07.2020
			(ii) >1 km and <10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL may not be applicable)	As per 4(ii) & 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019
			(iii) Proposal involving mining of mineral within 1 km from boundary of National Park and Sanctuaries is prohibited	As per 4(iv) of MoEFCC OM vide no. 22-43/2018-IA.III, dated 08.08.2019 in accordance with the order of the Hon'ble Supreme Court dated 04.08.2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No. 202 of 1995
3.	Eco-Sensitive Zone (if not notified)	No Eco-Sensitive zone within 10 km. boundary of lease.	(v) Outside the Eco-Sensitive Zone (vi) >1 km and <10 km of National Park / Wildlife Sanctuary (Prior Clearance of NBWL required)	As per 3(ii) of MoEFCC letter vide no. 6-60/2020WLP(1), dated 16.07.2020
4.	Attraction of General Conditions for change in category from 'B'	No Eco-Sensitive zone within 10 km. boundary of lease.	0 to 5 km from the boundary of Environmental sensitivities prescribed in the	MoEFCC Notification no. S.O. 1599(E), dated 25.06.2014

	to 'A'.		referred Notification	
5.	Distance of Coastal line from the site	No Coastal line within 10 km boundary of lease.	>500 m from HTL	Amended CRZ Notification 2011

**C. Details of Mining:**

1.	Method of Mining (Manual / Semi-mechanized / Mechanized).	Semi-mechanized
2.	Equipment to be used for Mining bulldozers, hydraulic excavators, JCB, scrapers, loaders, Diesel Pump, etc.)	Yes
3.	Whether it includes blasting?	Yes
4.	Details of Authorized Blasting Agency with date of validity certificate	31/03/2024
5.	Procedure / SOP (in brief)	<p>The excavation is carried out by '<b>Controlled blasting method</b>' with steps:</p> <p><b>(1) Drilling holes in patterns:</b> The holes are drilled by pneumatically operated drills. The blast-holes have a diameter of 32 and 36 mm. and depth of 2.0 meters. The average spacing and burden is nearly 2.0 m and 3.0 m for 32 mm holes and 3.0 and 4.0 m for 36 mm holes.</p> <p><b>(2) Placing an Explosive and detonator in each hole to blast :</b> Charge weight per hole(quantity of explosive) and using of milliseconds delays sequence (Delay detonators) are the base of controlled blasting. The major advantages of controlled blasting are-Improved Fragmentation (2) Reduction of Ground vibration and Air blast (3) Reduction of over break and Fly rocks (4) Improved production and lower cost.</p> <p><b>(3) Clearing away the Broken Material :</b> The blast material transport to further use and the reduction of oversize material by use of secondary blasting.</p>
6.	Details of Blasting Parameters in brief	<p>The main important parameters of blasting which decide the fragmentation level of particular blasts are :</p> <p>(a) Burden to hole diameter ratio. (b) Spacing to burden ratio. (c) Stemming column length. (d) Stiffness ratio. (e) Explosives amount and type. (f) Initiation mode. (g) charge/powder factor</p>
7.	Frequency of blasting	It is proposed project and The alternate day is decided for blasting and time for blasting will be early in the morning while all public activities are

		almost nil.			
8.	Impact of blasting	Here are the adverse effects of blasting- (a) Ground Vibration,(b) Air Blast,(c) Fly Rocks,(d) Fumes & Dusting.			
9.	Outcome of Vibration study	a) The adoption of Controlled Blasting method, to help control adverse effects of blast induced vibration. (b) This method provides optimum electronic timing while maintaining high level of production with efficiency by raising quantity of explosive per delay (kg/delay) and provide overall structural safety of blast surroundings. (c) Blast with shorted duration results in mitigating effects of blast induced vibration. (d) The risk to adjacent structures is thereby mitigated. Thus, by adopting controlled Blasting Method, nuisances of vibrations can be minimize.			
10.	Blasting Activity Management Plan	No.	Task	Responsibility	Timing
		1	Overpressure and vibration limits as specified in project approval to be met.	Drill and Blast Superintendent	For each blast event.
		2	Blasting for open cast to be conducted in early morning, Monday to Saturday only.	Drill and Blast Superintendent	For each blast event.
		3	Maximum number of blasts averaged over a 1 month period for M/s. Ram Stone Crusher mine specified.	Drill and Blast Superintendent	For each 1 month period.
		4	Where practical, blasting activities will be coordinated with surrounding mines to minimize	Drill and Blast Superintendent	As required

			cumulative impacts.		
		5	Adequate siren system will be in operation	Drill and Blast Superintendent	For each blast event.
11.	Use of any Chemical with quantity	5.0Kg. of ANFO (Dry powder Form) for 20 holes.			
12.	Precautions taken for Human Safety in brief	Enable the general public and surrounding landowners and tenants to get up-to-date information on the proposed blasting schedule indicating via sign board in vernacular language near blasting area. Operational controls include scheduling, spatial buffers and blast design controls defined within this plan			
13.	Crusher provided? If Yes, Measures taken for Air Pollution Control	No			
14.	Compliance of DGMS Guidelines for Blasting	Sr. No.	Rules	Details	Compliance
		1.	Metalliferous Mines Regulations, 1961 Rule 106 (2) (B)	Where in any mine or part it is proposed to work by a system of deep-hole blasting and/or with the help of heavy machinery for its digging, excavation and removal in such manner as would not permit of compliance with the requirement of sub-regulation (1) the owner, agent or manager shall, not less than 60 days before starting such work, give notice in writing of the method	Noted & being Complied

				of working to the Chief Inspector and the Regional Inspector; and no such work shall be commenced to carried out except in accordance with such conditions as the Chief Inspector may specify by an order in writing. Every such notice shall be in duplicate, and shall give the details of the method of working including the precautions that are proposed to be taken against the anger from falls of sides and material.	
		2.	Rule 164 (1-B) (a)	Provided further that if the shortest distance from the place of firing to any part of such building or structure is less than 50 meters irrespective	Noted & being Complied

			of the amount of the charge, no blasting shall be done except with the permission in writing of the Chief Inspector or the Regional Inspector and subject to such conditions as he may specify therein.	
	3.	Rule 156 (1)	Every magazine, or store or premises, where explosives are stored shall be in charge of a competent person who shall be responsible for the proper receipt, storage and issue of explosives.	Noted & being Complied
	4.	Rule 156 (3)	Explosives shall be issued only to competent persons upon written requisition signed by the blaster or by a official authorized for the purpose, and only against	Noted & being Complied

			their signature or thumb impression. Such requisition shall be preserved by the person in charge of the magazine or store or premises.	
	5.	Rule 156 (4)	The person in charge of the magazine or store or premises shall maintain, in a bound paged book kept for the purpose, a clear and accurate record of explosives issued to each competent person and a similar record of explosives returned to the magazine or store or premises.	Noted &being Complied
	6.	Rule 160 (1)	The preparation of charges an the charging and stemming of holes shall be carried out by or under the personal	Noted & being Complied



				supervision of a competent person, in these regulations referred to as a „blaster“. The blaster shall fire the shots himself.	
		7.	Rule 160 (2)	No person shall be appointed to be a blaster unless he is the holder of Manager's, Foreman's Mate's or Blaster's certificate.	Noted & being Complied
15.	Compliance of Sustainable Sand Mine Guidelines published by MoEFCC in 2016	It is Black trap mining project and SSMG 2016 is not applicable; hence, no need to submit compliances.			
16.	Whether Replenishment Rate Study is approved by District Geologist?  If yes, conclude in brief	Not applicable			

**D. Details of Green Belt Development:**

1.	a. Green belt development budget	1.50 lakhs
	b. Green belt area / location	On SBZ area and both side of approach.
	c. No. of trees to be planted	902
	d. Types of trees to be planted	Neem, Pipal, Khakaro

**E. Details of Environment Management Plan:**

1.	Details of EMP	Impact	Mitigation Measures
	a. Land Environment	Permanent erosion and Damage to land	7.5m.SBZ and final mine closure will minimize the adverse impact.
	b. Water Environment	No impact on water Environment	No disturbance to surface water or interception of Ground water level due to mining activities
	c. Air Environment	Adverse impact of blasting on air Environment	Adoption of wet drilling and Controlled Blasting Method will minimize adverse impact of

			blasting like dust pollutants on air.
	d. Noise Environment	Adverse impact of Noise on environment	Plantation around SBZ area will proved as buffer and adoption of controlled Blasting Method will minimize the Noise pollutions in environment
	e. Biological Environment	The lease area is draught porn area and no developed biological Environment is there.	No adverse impact of mining on Biological Environment
	f. Human Environment	Human habitation is far away from mining area.	No adverse impact on human Environment, however, BMP will be strictly applicable to protect human Environment.
	g. Others	N.A.	N.A.
2.	Occupational health & safety measures as per DGMS	The guideline declared by DGMS for Occupational health & safety will be strictly followed and regular compliances will be submitted to competent authority regularly.	
3.	Safety measures proposed	All the safety measures proposed in the guideline of DGMS will be applicable strictly.	
	a. Is First Aid facility provided by PP?	Yes.First Aid Facility shall be on working site.	
	b. Details of PPEs	It is proposed project and all the required PPE's shall be make available on working site.	
	c. Whether Registration of WorkersunderBuilding and other Construction Workers' (regulation of Employment & Conditions of Service) Act, 1996 and as Beneficiaries with the Gujarat Building and other Construction Workers Welfare Boards is obtained or not?	It is proposed project and require process for registration of workers under Building and other construction workers' (regulation of Employment & Conditions of Service)Act,1996 and as Beneficiarieswith the Gujarat Building and other Construction Workers Welfare Boardswill be obtained after inauguration of mining.	
	d. Insurance of Workers	All workers shall be insured with accident policy.	
	e. Health checkup plan of workers	There shall be regular time bound Health check up plan of workers.(Thrice in a Year)	
<b>F. Transportation:</b>			
1.	No. of vehicles per day carrying Minerals	3-4Trips / day	
2.	Fugitive dust emission control measures	Water sprinkling on approach twice in a day and plantation on both side of approach.	
3.	Route plan in brief	0.94 km is the length of approach having 4.0 meter of width.	
<b>G. Financial details of the Project:</b>			
1.	Total cost of the project (Lakh)	62.30	

	a. Upfront cost (Lakh)	-				
	b. Performance Security (Lakh)	1.00				
	c. Total Royalty (Lakh)	12.83				
	d. Weigh Bridge Cost (Lakh)	3.0				
	e. Labor cost equipment (Lakh)	8.417				
	f. Equipment protection and implementation cost (Lakh)	11.423				
	g. Green Belt Development & maintenance cost (Lakh)	Already included in EMP (1h above)				
	h. Cost of EMP (Lakh)	25.63				
	i. Cost of Safety measures (Lakh)	Already included in EMP (1h above)				
	j. Cost of Post-Closure Mine Plan (Lakh)	Already included in EMP (1h above)				
2.	Budget allocated for CER (Lakh)	6.25				
3.	Is need based survey for CER carried out? (Yes / No)  If yes, give details of activities along with Budgetary Outlay	Sr. No	Activity	1 <sup>st</sup> Yr at Fagli village (Rs. In Lakh)	2 <sup>nd</sup> to 5 <sup>th</sup> year At other affected villages like- (2)Bagodar,(3) Agartala(4)Dhrabavad (5) Chitri (Rs. In Lakh)	Total for 5 Years (Rs.in Lakh)
		1	Solar Panel to school buildings & Panchayat building.	1.00	4.00	5.00
		2	Plantation on inner roads of village and recharge pits for ground water table.	0.25	1.00	1.25
		Total		1.25	5.00	6.25

		<b>Total CER Rs. in lakhs for plan period –6.25</b>
<b>H. Restoration / Reclamation Plan:</b>		
1.	Restoration / Reclamation Details	00.00.00 haArea will be reclaimed by refilling area.
2.	Post mining closure plan	Mine closure will be in two step (1) Progressive mine closure and (2) Final mine closure. As per approved plan at end of mine the 00.36.08 ha. SBZ and 00.00.00 ha. backfilled that will be developed with plantation of dust & Noise tolerance species of vegetation. The rest 01.63.92 ha. will be converted as water reservoir with parapet fencing to avoid accident and it will be regained as agriculture land step by step.
3.	Backfilling material and its quantity	Quantity of O.B. & mine waste will be used for backfilling.
4.	Size of void for Rain Water Harvesting after backfilling	It is rain scarcity area and the size of backfilled area is 00.00.00 ha. Which is negligible for rain water harvesting.
5.	Post Closure Liability / Safety aspects and Measures to be taken to avoid wild life and human accidents/ causalities	In Post Closure Liability / Safety aspects and Measures to be taken like proposal of wired fencing and buffer plantation on SBZ area around lease boundary to avoid illegal entry and stone parapet having 4 feet high around mined out area or Pit to avoid accident or causalities to domestic animal and human life. Pit will be used as water reservoir till it will re gain as agriculture land step by step
6.	Display of Caution Boards at strategic locations on the periphery of the pit area	Under mentioned displays are proposed to establish in 4 corner of pit area. <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p><b>જાહેર ચેતવણી</b></p> <p>આ વિસ્તાર સરકાર દ્વારા મંજૂર થયેલ લીઝ વિસ્તાર છે. આગળ આવેલા ખાડાની ઉંડાઈ ૪.૦ મીટર જેટલી હોય, અકસ્માત થવાની સંભાવના હોય, સાવધાન રહેવું.</p> <p>ખાણ માલીક</p> </div>
7.	Final Use of reservoir/ reclaimed land	Reclaimed land will be developed as Green belt and pit will be used as water reservoir till it will reclaimed and at the end the total area will be reclaimed as agricultural land.
<b>I. Details of Legal Action / Court Case:</b>		
1.	Details of Pending Court matter / Public Litigation Cases in any court of Law	No any court matter/litigation pending in any court of law.

2.	Details of Action taken by GPCB, if any	It is proposed project and no any action by GPCB is require to take.
3.	Details of public complaint , if any	No public complaint against project as it is proposed project.
4.	Compliance of EC by RO-GPCB or MoEFCC-Bhopal	-

**J. Contact Details:**

1.	<b>Contact details of Applicant</b>	Garchar Haresh Ukabhai
2.	Name	Garchar Haresh Ukabhai
3.	Address	Village : Badodar, Ta : Keshod, Dist : Junagadh
4.	Contact no.	-
5.	Email Id	-
6.	<b>Contact details of Consultant</b>	Geo Mining Consultant
7.	Name	Bhanjibhai Solanki
8.	Address	301-302, Capital Market, Mahakali Mandir Main road, Rajkot.
9.	Contact no.	9824218590
10.	Email Id	bhanjisolanki1962@gmail.com

**Deliberation:**

- Shri Bhanjibhai Solanki, the consultant of the PP remained present in the meeting dated 09.11.2022 on behalf of the PP and he has also submitted the Authorization letter for same.
- The Committee deliberated on the project cost, EMP, CER, traffic study, greenbelt development etc.
- Mining plan is approved by the Geology & Mining Department vide letter no. GJ/MP/APPROVED/2021/2409, dated 06.09.2022.
- It is mentioned in the project details validated by the District Geologist, Junagadh vide letter no. GJ/EC/Project/2022-23/2643, dated 11.10.2022 that No Reserve / Protected forest is in the periphery of 10 km of proposed lease area.
- Method of mining is open cast semi mechanized with blasting.
- PP/Consultant has submitted Blasting contract dated 14.10.2022 made between the PP Shri Hareshbhai Ukabhai Garchar and M/s. Gayatri Explosives for carrying out Blasting and Drilling operations for lease of Shri Hareshbhai Ukabhai Garchar, located at S.No. 42 paiki, Taluka - Keshod & Dist: Junagadh. M/s. Gayatri Explosives is an approved Blaster having a valid Blaster Certificate (License) with validity up to 31.03.2027.
- Water consumption of the project shall not exceed 10 kLPD and shall be met through nearby villages.
- Employment for approximately 20 people will be generated from the proposed project.
- **The details of EMP is as below:**

Sr. No.	Activity	Budget Allocation in Lakhs. (Capital for plan period)	Budget Allocation in Lakhs. (Recurring/Annum)	Detail Justification /Clarification
1.	Overburden and removal and its management	0.50	0.20	The Budget allocated for O.B. removal and its management for working area of mine as capital cost and recurring cost.
2.	Air pollution / dust mitigation / water sprinkling measures	6.0	1.80	Capital cost for permanent base tractor mounted tanker and instalment of water sprinklers for Air /Dust mitigation and budgetary provision for purchase of water and management.
3.	Disposal of Semi Solid cutting and seizing waste	0.0	0.0	It is Black trap Stone Mine and there will be no generation of Semi solid Cuttings and Seizing Waste.
4.	Removal of debris which is not required for back filing	0.0	0.00	There will be no such debris generated. Whatever debris/waste shall be used for backfilling.
5.	Blasting related safeguard expenses	1.80	0.20	It is Black trap Stone Mining Project and there will be adoption of controlled blasting. Safeguards; 1) Wired fencing around lease boundary to avoid unauthorized entry.  - Rs.1.00 1) Warning by Siren and men with red flag around lease boundary to warn people before blasting.  - Rs.0.50  1) PPE'S like ear muffs and helmets to working labors.  -Rs.0.30
6.	Noise pollution control measures	0.4510	0.902	To minimize and control the noise pollution, the statutory barrier zone (SBZ) will be developed as Green Belt with Noise tolerant plant species and

		0.50	0.10	for that capital and for development and maintenance the recurring cost is allotted.  PPE's like Ear muffs & ear plug to working Labors
7.	Approach roads to mining and treatment site	0.0	0.0	No such treatment site is proposed.
8.	Control of fugitive emission during loading and unloading, transportation	0.50	0.20	To control the fugitive emission during loading, unloading and transportation: <ul style="list-style-type: none"> <li>• There would be budgetary provision for arrangement of water sprinklers on operation and loading places.</li> <li>• Only PUC holder trucks will be allowed for transportation.</li> <li>• Regular checking and maintenance of Machineries.</li> </ul>
9.	Post closure restoration and reclamation (back filling, levelling, caution boards) including regressing and plantation etc./ utilizing the void for rainwater storage and harvest reservoir	3.00	0.00	It is Govt. waste land and at conceptual stage the mined out area will be converted as water reservoir with wire fencing with stone parapet till it will reclaimed as re grassing land.
10.	Fencing to prevent loss of wildlife and human movement	0.50	0.15	There is no wildlife and human movement in buffer area of mine however to avoid accident any, temporary fencing around working pit area would be there.
11.	Cost of laboratory analysis if any	0.0	0.60	Expense on Laboratory analysis and report for half yearly compliances report
12.	Cost of compliance of commitment during	0.0	0.0	It is B2 category project and as per EIA-Notification 2006 ,B2 category

	public hearing			project is excluded from P.H.
13.	Environment monitoring	0.0	1.20	It is B2 category project and EIA report is not required but there would be environmental monitoring for compliances and budgetary provision to comply the EC conditions is Rs.1.20. as below: Air: One sample (8Hourly) of project site. Sample/Rs.0.15 X2 =0.30 Water: One Sample near project site. Sample/Rs. 0.15 X2 =0.30 Noise: One Sample of project site. Sample/Rs. 0.15 X2 =0.30 Soil: One Sample of project site Sample/Rs. 0.15 X2 =0.30
14.	Safety and health of workers/public	1.00	0.80	Budget for due care for the safety and health of workers/public. Provision of PPE's and arrangement of periodically medical camps.
15.	CER activities	5.0	0.25	The budget of Rs. 6.25 lakhs allotted for plan period and Rs. 1.25 lakh for every year for affected village and it will be start from village Badodar
Total		19.251	6.402	
Total EMP Budget (Lakh)		25.653		

• The details of CER is as below:

Sr. No	Activity	1 <sup>st</sup> Yr at Fagli village (Rs. In Lakh)	2 <sup>nd</sup> to 5 <sup>th</sup> year At other affected villages like- (2)Bagodar,(3) Agartala(4)Dhrabavad (5) Chitri (Rs. In Lakh)	Total for 5 Years (Rs.in Lakh)
1	Solar Panel to school buildings & Panchayat building.	1.00	4.0	5.00
2	Plantation on inner roads of village and recharge pits for ground water table.	0.25	1.00	1.25



Total	1.25	5.00	6.25
Total CER for plan period - 6.25 Lakhs			
<p>During the SEAC meeting dated 09.11.2022, the Committee noted that it is a blacktrap mine involving blasting and while deliberating on the image of the distance criteria, the Consultant showed distance of the nearest habitation to be 244.32 m from the lease boundary. However, on careful observation of the image revealed that there were some other residences which were closer to the lease area on the left (West) side. The consultant displayed the Badodar Gram Panchayat No Objection and Distance Certificate dated 03.11.2022 (this was missing in the application made) stating that the construction on the North is located at an aerial distance of 198 m. Hence the Committee unanimously decided to defer the proposal and to take-up the proposal in one of the forthcoming SEAC meetings on submission and compliance of following ADS points.</p> <ol style="list-style-type: none"> <li>1. To clearly state whether the proposal is fulfilling the distance criteria as per the order of Hon. National Green Tribunal before Principal Bench in the O.A. no. 85/2019(WZ) dated 30.09.2020.</li> <li>2. To produce image(s) showing the shortest distances from the outer boundary of the lease area and to the nearest (a) Residential, (b) public buildings, (c) Inhabited sites - human habitation</li> <li>3. Actual field based photographs (with auto stamping of date time and GPS location) of the nearest habitation site (including those intimated during the SEAC meeting to be located at an aerial distance of 198 m)</li> </ol>			
17	ORDINARY SAND MINING	DIST:GANDHINAGAR	TOR Expansion
i.	Application No	SIA/GJ/MIN/83028/2022	
ii.	Name of Project	Narendrasinh Baldevsinh Rathod	
iii.	S.No.	Sr. No.134 to 136 ne lagu, Sabarmati Nadi patt paiky , govt. land	
iv.	Village	Aluva	
v.	Taluka	Kalol	
vi.	Dist	Gandhinagar	
vii.	Lease Area	2.00.00 Ha	
viii.	Validity of lease	Lease granted vide letter no. MABHUGA/QL/RETI/957/1435/2027, dated 04.11.2010 for 3 years, extendable up to 31.03.2025 as per GMMCR 2017	
ix.	ROM	1,69,800 MTPA (Earlier 5000 MTPA)	
x.	River	Sabarmati	
xi.	Nearest Human Habitation	Sadara – 0.38 Km	

xii.	End Use	Construction
xiii.	Investment in Rs	143.72 LAKH
xiv.	Date of Application Accepted by SEAC	15.10.2022

- The proposal was considered during SEAC meeting dated 09.11.2022. The consultant of the PP Shri Bhanjibhai remained present during the meeting on behalf of the PP. He informed the Committee that the ToR is granted for Ordinary Sand mine having area 02.00.00 Ha and ToR is granted vide letter no. SEIAA/GUJ/TOR/1(a)/94/2021, dated 10.02.2021 for production of 5000 MTPA.
- He further added that due to increase in demand, the PP decided to increase the production to 1,69,800 MTPA instead of 5000 MTPA in granted ToR and PP applied for ToR Amendment vide application no. SIA/GJ/MIN/268687/2022, dated 20.04.2022.
- However, upon scrutiny of the details provided in the Presentation and on Parivesh portal, it is seen that the ToR Amendment application no. SIA/GJ/MIN/268687/2022, dated 20.04.2022 is not responded by the PP / consultant for EDS generated.
- Further, the Committee noted that, for increase of capacity, i.e. production from 5000 MTPA to 1,69,800 MTPA; the PP is required to first obtain TOR for revised production under TOR expansion and then he may seek EC for increased capacity after carrying out EIA study including public hearing as per the provisions of EIA Notification, 2006.
- However, the PP / consultant is now seeking TOR amendment vide application no. SIA/GJ/MIN/83028/2022.

In view of the above, the Committee unanimously note that the purpose of the application under consideration is not clear and decided to defer the proposal and consider the same in upcoming SEAC meeting upon submission of below mentioned details:

- a. Justification for increase (34 times / fold increase) in production from 5000 MTPA to 1,69,800 MTPA.
- b. Current status of TOR amendment application vide no. SIA/GJ/MIN/268687/2022, dated 20.04.2022 along with copy of amended TOR.
- c. Clear mention of purpose of application, whether application vide no. SIA/GJ/MIN/83028/2022 is made to obtain TOR expansion or TOR amendment.
- d. Clarification whether the application was made in a wrong window or not.
- e. Clarification for directly seeking TOR amendment for increase in production from 5000 MTPA to 1,69,800 MTPA and not obtaining TOR expansion and then to seek EC as per provision of EIA Notification, 2006.
- f. Production details validated by the District Geologist.
- g. Valid lease document

#### ❖ Table Agenda:

During the meeting, the Committee also noted that there are 16 proposals referred back by SEIAA during SEIAA meeting no. 918 held on 21.10.2022. The Committee unanimously decided to keep the proposals in abeyance in connection to the Judgment of Hon'ble NGT in the matter of OA no.34/2022, dated 29.09.2022 and order of OA no.80/2022 till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble

NGT / Hon'ble Court of Law is pronounced in the matter. The details of referred back proposals are as below:

# 1. ORDINARY SAND MINING, DIST: CHHOTAUDEPUR – TOR

i.	Application No	SIA/GJ/MIN/81250/2022
ii.	Name of Project	Shri Shantilal Narsingbhai Rathva
iii.	S.No.	Govt. Land & Survey No.-Orsang RiverBed Paiki,Opp.Sur.-646 & 652 to 655, (R-687 & 693 TO 695) (Devaliya Ordinary Sand Block-33)
iv.	Village	Devaliya
v.	Taluka	Chhotaudepur
vi.	Dist	Chhotaudepur
vii.	Lease Area	2.17.00 Ha
viii.	Validity of lease	LoI issued vide letter no. GCU/Auction/Minor/OrdinarySand/Chhotaudepur/2021 /3742, dated 17.08.2021 for 5 years
ix.	ROM	32,029MTPA
x.	River	Orsang
xi.	Nearest Human Habitation	Devaliya–0.60 km
xii.	End Use	Construction
xiii.	Investment in Rs	Rs.169 Lakh
xiv.	Date of Application Accepted by SEAC	05.08.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/81250/2022/4478, dated 12.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposd lease area is less than 5 ha and fall in cluster under category B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unianimously recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/81250/2022 is kept in abeyance.

## **2. ORDINARY SAND MINING, DIST:CHHOTAUDEPUR-TOR**

i.	Application No	SIA/GJ/MIN/81252/2022
ii.	Name of Project	Shri Shantilal Narsingbhai Rathva
iii.	S.No.	Govt. Land & Survey No.-Orsang RiverBed Paiki, Opp. Sur.-669, & 672,(R- 709, 710, 713) (Devaliya Ordinary Sand Block-38)
iv.	Village	Devaliya
v.	Taluka	Chhotaudepur
vi.	Dist	Chhotaudepur
vii.	LeaseArea	2.00.00 Ha
viii.	Validity of lease	LoI issued vide letter no. GCU/Auction/Minor/Ordinary Sand/Chhotaudepur/2021/3734, dated 17.08.2021 for 5 years
ix.	ROM	30,120 MTPA
x.	River	Orsang
xi.	Nearest Human Habitation	Devaliya – 0.64 km
xii.	End Use	Construction

xiii.	Investment in Rs	Rs.165 lakh
xiv.	Date of Application Accepted by SEAC	05.08.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/81252/2022/4477, dated 12.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposed lease area is less than 5 ha and fall in cluster under category B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/81252/2022 is kept in abeyance.

### **3. ORDINARYSAND & GRAVEL MINING, DIST: GANDHINAGAR – TOR**

i.	Application No	SIA/GJ/MIN/81565/2022
ii.	Name of Project	Vijaysinh Narendrasinh Parmar (Piplaj Ordinary Sand and Gravel Block-B)
iii.	S.No.	189, 200 and 201 Adjacent to Meshwo Riverbed, govt. land
iv.	Village	Piplaj
v.	Taluka	Dehgam
vi.	Dist	Gandhinagar
vii.	Lease Area	1.20.00Ha
viii.	Validity of lease	LoI issued vide letter no. GEO/Auction/OSD/GNR/2021-22/001/10001A/2321, dated 01.12.2021 for 5 years
ix.	ROM	19,080 MTPA
x.	River	Meshwo
xi.	Nearest Human Habitation	Piplaj-1.46 km
xii.	End Use	Construction
xiii.	Investment in Rs	Rs.56.91Lakh
xiv.	Date of Application Accepted by SEAC	05.08.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/81565/2022/4485, dated 12.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposed lease area is less than 5 ha and fall in cluster under category B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/81565/2022 is kept in abeyance.

#### **4. ORDINARY SAND MINING, DISTRICT: VADODARA – TOR**

i.	Application No	SIA/GJ/MIN/72403/2022
ii.	Name of Project	Shri Navinchandra Champaklal Prajapati
iii.	S.No.	Survey No.336 Ni Same Narmada Riverbed Paiki
iv.	Village	Delvada
v.	Taluka	Karjan
vi.	Dist	Vadodara
vii.	Lease Area	7.78.56Ha
viii.	Validity of lease	Lol issued vide letter no. Appeal/QL/492/09/1953-57, dated 22.03.2013.  District Geologist, Vadodara vide no. GV/Saved case/NavinchandraPrajapati/Delvada/2022/4149, dated 05.08.2022 mentioning that,'the provision of grant of lease is there as per part A-1 of Schedule – III of GMMCR-12(3) for 5 years.'
ix.	ROM	2,06,318 MTPA
x.	River	Narmada
xi.	Nearest Human Habitation	Delvada– 1.52 km
xii.	End Use	Construction
xiii.	Investment in Rs	Rs.1,23,60,220/-
xiv.	Date of Application Accepted by SEAC	11.03.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/72403/2022/4492, dated 12.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposed lease area is less than 5 ha and fall in cluster under category B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/72403/2022 is kept in abeyance.

#### **5. ORDINARY SAND MINING, DISTRICT: VADODARA – TOR**

i.	Application No	SIA/GJ/MIN/81067/2022
ii.	Name of Project	M/s. MENDPARA SANJAY DHANJIBHAI
iii.	S.No.	Survey No. Mahi Riverbed Paiki Opp. to Sr.no190



iv.	Village	Kotna
v.	Taluka	Vadodara
vi.	Dist	Gujarat
vii.	Lease Area	2.00.00 Ha
viii.	Validity of lease	LOI:GEO/Aution/ODS/VAD/2021-22/002/10002A/6415 TO 5 Year Mining Plan Approval No – GV/MP/2021-22/1375 Dated 28.03.2022 to 5 Year
ix.	ROM	32,400 MTPA
x.	River	Mahi
xi.	Nearest Human Habitation	Kotna -0.22 km
xii.	End Use	Construction
xiii.	Investment in Rs	43.09683 Crore
xiv.	Date of Application Accepted by SEAC	01.09.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/81067/2022/4552, dated 20.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposed lease area is less than 5 ha and fall in cluster under category B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/81067/2022 is kept in abeyance.

#### **6. ORDINARY SAND MINING, DISTRICT: CHHOTAUDEPUR-TOR**

i.	Application No	SIA/GJ/MIN/81636/2022
ii.	Name of Project	Shri Jayesh Vishnubhai Patel
iii.	S.No.	Govt Land & Survey No. 41,43 ne lagu Orsang river bed & Vankol Ordinary Sand Block- 4
iv.	Village	Vankol
v.	Taluka	Jetpur Pavi
vi.	Dist	CHHOTA UDAIPUR
vii.	Lease Area	2.30.00 Ha
viii.	Validity of lease	Lol issued vide letter no. GCU/Auction/Minor/Ordinary Sand/Chhotaudepur/2019/3747, Dated 05.12.2019 for 5 years
ix.	ROM	38,640 MTPA
x.	River	Orsang
xi.	Nearest Human Habitation	Jetpurpavi - 0.70 KM
xii.	End Use	Construction
xiii.	Investment in Rs	2.01 Crore
xiv.	Date of Application Accepted by SEAC	01.09.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/81636/2022/4557, dated 20.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposed lease area is less than 5 ha and fall in cluster under category B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/81636/2022 is kept in abeyance.

## **7. ORDINARY SAND MINING, DISTRICT: CHHOTAUDEPUR – TOR**

i.	Application No	SIA/GJ/MIN/81642/2022
ii.	Name of Project	Shri P.B.Patel and Co. Pankajbhai B. Patel
iii.	S.No.	Govt Land & Survey No. 43,46/1 ne lagu Orsang river bed & Vankol Ordinary Sand Block- 5
iv.	Village	Vankol
v.	Taluka	Jetpur Pavi
vi.	Dist	CHHOTA UDAIPUR

vii.	Lease Area	2.30.00 Ha
viii.	Validity of lease	Lol issued vide letter no. GCU/Auction/MINOR/ORDINARY SAND /CHHOTAUDEPUR/2019/3715, dated 05.12.2019 for 5 years
ix.	ROM	38,640 MTPA
x.	River	Orsang
xi.	Nearest Human Habitation	Vankol - 0.5 Km
xii.	End Use	Construction
xiii.	Investment in Rs	2.01 Crore
xiv.	Date of Application Accepted by SEAC	01.09.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/81642/2022/4558, dated 20.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposed lease area is less than 5 ha and fall in cluster under category B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of

taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/81642/2022 is kept in abeyance.

#### **8. ORDINARY SAND MINING, DISTRICT: CHHOTAUDEPUR –TOR**

i.	Application No	SIA/GJ/MIN/81652/2022
ii.	Name of Project	Shri Shiv Shakti Transport, Nitaben Patel
iii.	S.No.	Govt Land & Survey No. 46/1, 46/2 ne lagu Orsang river bed & Vankol Ordinary Sand Block- 6
iv.	Village	Vankol
v.	Taluka	Jetpur Pavi
vi.	Dist	CHHOTA UDAIPUR
vii.	Lease Area	2.30.00 Ha
viii.	Validity of lease	Lol issued vide letter no. GCU/Auction/MINOR/ORDINARY SAND /CHHOTAUDEPUR/2019/3719, dated 05.12.2019 for 5 years
ix.	ROM	38,640 MTPA
x.	River	Orsang
xi.	Nearest Human Habitation	Vankol-0.50 Km
xii.	End Use	Construction
xiii.	Investment in Rs	2.0 Crore
xiv.	Date of Application Accepted by SEAC	01.09.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/81652/2022/4559, dated 20.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposd lease area is less than 5 ha and fall in cluster under categroy B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unianimously*

*recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/81652/2022 is kept in abeyance.

#### **9. ORDINARY SAND MINING, DISTRICT: CHHOTAUDEPUR – TOR**

i.	Application No	SIA/GJ/MIN/81955/2022
ii.	Name of Project	Shri P.B.Patel and Co, Pankajbhai B. Patel
iii.	S.No.	Govt Land & Survey No. 38,39/2 ne lagu Orsang river bed & Vankol Ordinary Sand Block- 3
iv.	Village	Vankol
v.	Taluka	Jetpur Pavi
vi.	Dist	CHHOTA UDAIPUR
vii.	Lease Area	2.30.00 Ha
viii.	Validity of lease	LOI:GCU/Auction/MINOR/ORDINARY SAND /CHHOTAUDEPUR/2019/3727, dated 05.12.2019 for 5 years
ix.	ROM	38,640 MTPA
x.	River	Orsang

xi.	Nearest Human Habitation	Vankol-0.54 Km
xii.	End Use	Construction
xiii.	Investment in Rs	2.01 Crore
xiv.	Date of Application Accepted by SEAC	01.09.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/81955/2022/4560, dated 20.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposed lease area is less than 5 ha and fall in cluster under category B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/81955/2022 is kept in abeyance.

## 10. ORDINARY SAND MINING, DISTRICT: CHHOTAUDEPUR – TOR

i.	Application No	SIA/GJ/MIN/82063/2022
ii.	Name of Project	JAYESHKUMAR VISHNUBHAI PATEL
iii.	S.No.	Govt Land & Survey No. 86 & 87 ne lagu Orsang river bed (Moti Rasli Ordinary Sand Block- 4)
iv.	Village	Moti Rasli
v.	Taluka	Jetpur Pavi
vi.	Dist	CHHOTA UDAIPUR
vii.	Lease Area	2.00.00 Ha
viii.	Validity of lease	LOI:GCU/Auction/MINOR/ORDINARY SAND /CHHOTAUDEPUR/2019/2557, dated 17.09.2019 for 5 years
ix.	ROM	33,240 MTPA
x.	River	Orsang
xi.	Nearest Human Habitation	Moti rasli-0.95 Km
xii.	End Use	Construction
xiii.	Investment in Rs	1.76 Crore
xiv.	Date of Application Accepted by SEAC	01.09.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/82063/2022/4561, dated 20.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposed lease area is less than 5 ha and fall in cluster under category B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made*



*clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/82063/2022 is kept in abeyance.

#### **11. ORDINARYSANDMINING,DISTRICT:CHHOTAUDEPUR-TOR**

i.	Application No	SIA/GJ/MIN/82086/2022
ii.	Name of Project	Shree Shakti Corporation C/o Shri Rameshbhai B. Patel
iii.	S.No.	Survey No. 117 & 118 Ne Lagu Orsang Riverbed (Moti Rasli Ordinary Sand Block- 6)
iv.	Village	Moti Rasli
v.	Taluka	Jetpur Pavi
vi.	Dist	CHHOTA UDAIPUR
vii.	Lease Area	2.20.00 Ha
viii.	Validity of lease	LOI:GCU/Auction/MINOR/ORDINARY SAND /CHHOTAUDEPUR/2019/2553, dated 07.09.2019 for 5 years
ix.	ROM	36,564 MTPA
x.	River	ORSANG
xi.	Nearest Human Habitation	MOTI RASHALI 1.04 Km
xii.	End Use	Construction
xiii.	Investment in Rs	1.84 Crore
xiv.	Date of Application Accepted by SEAC	01.09.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/82086/2022/4562, dated 20.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the approval of Terms of Reference was discussed.*

*SEAC has noted that the proposed lease area is less than 5 ha and fall in cluster under category B1 of EIA Notification and proposed lease area is in dry river bed.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for Approval of TOR to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for Approval of TOR at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether TOR can be approved at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/82086/2022 is kept in abeyance.

## **12. ORDINARY SAND MINING, DIST: MORBI – B2EC**

i.	Application No	SIA/GJ/MIN/285667/2022
ii.	Name of Project	Rameshbhai Muljibhai Maiyad

iii.	S.No.	Survey No-At Joining 13-14 (Chadadhra Ordinary Sand Block C-14)
iv.	Village	Chadadhra
v.	Taluka	Halvad
vi.	Dist	Morbi
vii.	Lease Area	3.00.00Ha
viii.	Validity of lease	LoI issued vide letter no.GEO/Auction/OSD/MOR/2022-23/005/10009A, dated 07.07.2022 for 5 years
ix.	ROM	47,520 MTPA
x.	River	Shetrunji
xi.	Nearest Human Habitation	Chadadhra – 0.57 km
xii.	End Use	Construction
xiii.	Investment in Rs	Rs.2,19,33,520/-
xiv.	Date of Application Accepted by SEAC	05.08.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/285667/2022/4474, dated 12.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the grant of EC was discussed.*

*SEAC has noted that the lease area of the proposal is less than 5 hector and does not fall in cluster and falls in category B2.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unianimously recommend for grant of EC to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the prepartion of District survey report before granting of EC, it should be made clear whether these applications could be considered for grant of EC at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/285667/2022 is kept in abeyance.

### **13. ORDINARY SAND MINING, DIST:MORBI –B2EC**

i.	Application No	SIA/GJ/MIN/285498/2022
ii.	Name of Project	Shri Rameshbhai Muljibhai Maiyad
iii.	S.No.	Govt. land & Survey No-Adjoining 389, 239 & 240 (Chadadhra Ordinary Sand Block–C-10)
iv.	Village	Chadadhra
v.	Taluka	Halvad
vi.	Dist	Morbi
vii.	Lease Area	2.00.00Ha
viii.	Validity of lease	LoI issued vide letter no.GEO/Auction/OSD/MOR/2022-23/004/10009A, dated 07.07.2022 for 5 years
ix.	ROM	31,800 MTPA
x.	River	Shetrunji
xi.	Nearest Human Habitation	Chadadhra –0.43 km
xii.	End Use	Construction
xiii.	Investment in Rs	Rs.1Crore
xiv.	Date of Application Accepted by SEAC	05.08.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/285498/2022/4475, dated 12.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the grant of EC was discussed.*

*EAC has noted that the lease area of the proposal is less than 5 hectore and does not fall in cluster and falls in category B2.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for grant of EC to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for grant of EC at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/285498/2022 is kept in abeyance.

#### **14. ORDINARY SAND MINING, DIST: Kutch –B2EC**

i.	Application No	SIA/GJ/MIN/259567/2022
ii.	Name of Project	SHRIKOLISHAMJI
iii.	S.No.	17, Pvt.Land near Khari river
iv.	Village	Naransari
v.	Taluka	Bhachau
vi.	Dist	Kutch
vii.	LeaseArea	1.06.23

viii.	Validity of lease	LoI issued vide letter no. GEO/Auction/OSD/KUTE/2021-22/004/10004A/3144 dated 31.12.2021 for 5 years
ix.	ROM	16,954 MTPA
x.	River	Near Khari river (pvt. land)
xi.	Nearest Human Habitation	Naransari Village – 740 meter
xii.	End Use	Construction
xiii.	Investment in Rs	32,47,104/-
xiv.	Date of Application Accepted by SEAC	07.04.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/259567/2022/4490, dated 12.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*'The proposal of SEAC dated 12.10.2022 recommending the grant of EC was discussed.*

*EAC has noted that the lease area of the proposal is less than 5 hectare and does not fall in cluster and falls in category B2.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unanimously recommend for grant of EC to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for grant of EC at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are

approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/259567/2022 is kept in abeyance.

#### 15. ORDINARY SAND MINING, DIST: Kutch –B2EC

i.	Application No	SIA/GJ/MIN/261220/2022
ii.	Name of Project	SHRI NAMERI SAVA DHILA
iii.	S.No.	220
iv.	Village	Kakarava
v.	Taluka	Bhachau
vi.	Dist	Kutch
vii.	Lease Area	1.54.79
viii.	Validity of lease	LoI issued vide letter no. GEO/Auction/OSD/KUTE/2021-22/003/10003A/3150, dated 31.12.2021 for 5 years
ix.	ROM	24,333 MTPA
x.	River	Near Khari river (pvt. land)
xi.	Nearest Human Habitation	KakaravaVillage–1.78km
xii.	End Use	Construction
xiii.	Investment in Rs	38,08,974/-
xiv.	Date of Application Accepted by SEAC	16.04.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/261220/2022/4491, dated 12.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*‘The proposal of SEAC dated 12.10.2022 recommending the grant of EC was discussed.*

*EAC has noted that the lease area of the proposal is less than 5 hector and does not fall in cluster and falls in category B2.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unaniously recommend for grant of EC to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon'ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC's and ToR's were based, gave the direction to follow the sustainable sand mining case necessitating the preparation of District survey report before granting of EC, it should be made clear whether these applications could be considered for grant of EC at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/261220/2022 is kept in abeyance.

#### **16. ORDINARY SAND MINING, DIST: Kutch – B2 EC**

i.	Application No	SIA/GJ/MIN/286750/2022
ii.	Name of Project	GANPATSINH SHANKARBHAI PATEL
iii.	S.No.	526 Paiki 2, pvt. land
iv.	Village	Mirap
v.	Taluka	Godhra
vi.	Dist	Panchmahal
vii.	Lease Area	1.10.28 Ha
viii.	Validity of lease	Permit application dated 26.02.2022 for 90 days.



ix.	ROM	29,665 MT/permit period
x.	River	Near Panam river
xi.	Nearest Human Habitation	Random room – 564 m
xii.	End Use	Construction
xiii.	Investment in Rs	0.36945 Crore
xiv	Date of Application Accepted by SEAC	02.09.2022

The proposal was recommended to SEIAA vide SEAC letter no. SIA/GUJ/MIN/286750/2022/4553, dated 20.10.2022. The proposal was referred back by SEIAA vide SEIAA meeting no. 918 dated 21.10.2022, with deliberations as below:

*‘The proposal of SEAC dated 12.10.2022 recommending the grant of EC was discussed.*

*EAC has noted that the lease area of the proposal is less than 5 hector and does not fall in cluster and falls in category B2.*

*After having examined the lease validity distance criteria, environmental sensitivity and EMP and verification of the forest area SEAC has unianimously recommend for grant of EC to SEIAA. Going through the recommendation of SEAC, after detailed discussion SEIAA while accepting the recommendation of SEAC further observed as follows.*

*Looking to the Judgement of Hon’ble NGT delivered on 29.09.2022 and judgement of case no. OA no. 80 of 2022 dated 29.09.2022, NGT quashing the e-auctioning of the mineral leases, on which EC’s and ToR’s were based, gave the direction to follow the sustainable sand mining case necessitating the prepartion of District survey report before granting of EC, it should be made clear whether these applications could be considered for grant of EC at this stage or not.*

*After detailed deliberation, it was decided to refer back the case to SEAC for the the following.*

*SEAC may take the legal opinion, whether EC can be granted at this stage without DSR availability.'*

The proposal was considered as a table agenda during SEAC meeting dated 09.11.2022. The Committee deliberated on the matter and unanimously decided that (i) there is no necessity of taking further legal opinion in this regard and (ii) to keep the proposals accepted by SEAC **on and after 29.09.2022** and considered in various SEAC meeting/s **on and after 29.09.2022 for Ordinary Sand and Gravel**; in abeyance till the respective District Survey Reports (DSRs) are approved & available and final Judgment / Order of Hon'ble NGT / Hon'ble Court of Law is pronounced in the matter and hence the earlier decision for the proposal vide no. SIA/GJ/MIN/286750/2022 is kept in abeyance.

Meeting was concluded with thanks from Chair.

\*\*\*\*\*

1	Shri A. K. Saxena, Chairman, SEAC	
2	Dr. S. C. Pant, Vice Chairman, SEAC	
3	Shri D. C. Chaudhari, Member, SEAC	
4	Shri J. K. Vyas, Member, SEAC	
5	Shri Anand Zinzala, Member, SEAC	
6	Shri B. M. Tailor, Member, SEAC	
7	Shri D. M. Thaker, Secretary, SEAC	

## **ANNEXURE – I**

### **(Conditions for Environment Clearance for proposals involving Non Sand Mining without Blasting)**

1. PP shall carry out entire plantation as proposed in first year and maintain the same in subsequent years of lease period.
2. Validity of the EC shall be coterminous with validity of parvana or work order whichever is early.
3. PP shall construct a pacca approach road connecting lease area to the main road with periodic regular maintenance to prevent fugitive dust emission.
4. PP shall implement all the measures proposed in EMP in letter and spirit.
5. PP Shall pursue CER activities in consultation with local authorities / Taluka Panchayat/Gram Panchayat based on need of the local people.
6. No ground water extraction shall be done from within the lease/permit area.
7. Pillars mentioning boundary of the lease area shall be provided as per the provision of mining rules/Acts to identify the lease area.
8. Transportation route for vehicles carrying mineral shall have least minimum pass near human habitation. PP Shall pursue CER activities as proposed in declaration.
9. Dust mitigation measures due to mining, handling of mineral, loading, unloading, transportation and other allied activities shall be implemented in letter and spirit similar to the applicable measures guided in Notification issued by MOEF&CC dated 25/01/2018 vide GSR 94(E).
10. Vide OM of MOEF&CC dated 16/01/2020, PP shall after ceasing mining operations, undertake re-grassing of the mining area and any other area which have been disturbed due to their mining activities and restore the land to a condition which is fit for the growth of fodder, flora and fauna.

## **ANNEXURE – II**

### **(Conditions for Environment Clearance for proposals involving Ordinary Sand Mining)**

1. The Project Proponent shall obtain required Non Agriculture Document (N.A. for land use change) from the competent authority after obtaining Environmental Clearance and before commencing for mining operations.
2. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
3. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
4. The Annual replenishment report certified by the authorized agency must be submitted to the prescribed authority. In case, the replenishment is low, the mining activity/production levels shall accordingly be decreased/stopped.

5. The ultimate working depth shall be 1 m from the present natural river bed level and the thickness of the sand available shall be more than 3 m in the proposed quarry site.
6. The sand quarrying shall not be carried out below the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 1 meter, quarrying operation shall be stopped immediately.
7. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
8. The mining activity shall be monitored by the Taluka level Force once in a month by conducting physical verification.
9. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
10. The mined out pits to be backfilled where warranted and area should be suitably landscaped to prevent environmental degradation.
11. The project proponent shall obtain registration of the establishment under the Building and other Construction Workers' (regulation of Employment & Conditions of Service) Act, 1996 and shall comply with the provisions of the Act for the Safety, Health and Welfare of Mining Workers
12. The project proponent shall obtain registration of the Mining Workers as Beneficiaries with the Gujarat Building and other Construction Workers Welfare Boards.
13. PP shall implement all safety measures including protection of lighting in mine as per the guidance manual of DGMS vide circular No: DGMS (Tech) Circular No: 10 of 2020 dtd. 23 June 2020
14. All measures proposed in sustainable sand mining guide line MOEF&CC and EMP shall be complied with in letter and spirit.
15. Transportation route for vehicles carrying mineral shall have least minimum pass near human habitation.
16. No ground water extraction shall be done from within the lease/permit area
17. PP shall construct a pacca approach road connecting lease area to the main road with periodic regular maintenance to prevent fugitive dust emission.
18. Pillars mentioning boundary of the lease area shall be provided as per the provision of mining rules/Acts to identify the lease area.
19. PP shall carry out CER activities after identifying need based activities in consultation with village gram panchayat.
20. Validity of the EC shall be coterminous with validity of lease/Permit or thirty years whichever is early.