

MINUTES OF THE 57TH GOA STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (GOA-SEIAA) MEETING HELD ON 17TH FEBRUARY 2021 AT 10.30 AM. IN THE CONFERENCE ROOM OF THE 4TH FLOOR, DEMPO TOWER, PATTO-PANAJI,GOA.

The fifty seventh meeting of the Goa-SEIAA (*hereinafter referred as 'Authority'*) was held on 17th February 2021 at 10.30 am. in the conference room ,4th floor, Dempo Tower, Patto, Panaji. The list of members present during the meeting is annexed (*refer Annexure – 1*).

At the outset, Chairman welcomed Authority members and briefed about the agenda items (*refer Annexure – 2*) to be taken up for discussion / deliberations and suitable decisions. Accordingly, the same were considered as detailed below -

1. To decide on compliances submitted by Mrs. Delia Fernandes for proposed basalt lease at Barcem, Quepem, Goa.

Serial Number	Item	Details
1.	Name of the Project/s	BARCEM BASALT QUARRY
2.	Name of the applicant	MRS. DELIA FERNANDES
3.	Name of quarry	BARCEM BASALT QUARRY
4.	Type of quarry	BASALT
5.	S. No. in the Schedule	1(a)
6.	New/Expansion/Modernization/renewal	NEW PROPOSAL
7.	Existing Capacity/lease Area etc.	NIL/4.9000Ha
8.	Category of Project i.e. 'A' or 'B'	B2
9.	Plot/Survey/Khasra No.	99/0
10.	Village	BARCEM
11.	District	QUEPEM/SOUTH GOA
12.	State	GOA
13.	Area excavated	0.3363Ha
14.	Balance area available	4.5337
15.	Proposed expansion capacity	20000m3/annum
16.	Raw material overburden ratio	1:0.5
17.	Location of Stack overburden	Within the lease area in the Northern portion
18.	Proposed plantation plan	Dump, Unutilised area of lease and fringe areas.
19.	Tree plantation proposed species and number	50 trees of cashew 10 Jack fruit 10 Teak 10 Kinnal 10 Otamb 10 Bhiran
20.	Approached road	A pathway is existing
21.	Proposed/Existing road Paved/unpaved with length of road	Proposed road of 300m
22.	Distance from nearest Locality	300m
23.	Distance from nearest metallic road	300m
24.	Distance from nearest water body	2.45Km Karka Rivulet
25.	Whether site has existing water body	No
26.	Distance from wild life sanctuary	11.8Km Netravali wild Life Sanctuary
27.	Distance from Ecological Sensitive Area /zone boundary	10.8Km ESZ of Netravali Wild Life Sanctuary
28.	List of Endemic species & IUCN status	unavailable

29.	Details on IBA (Important bird area)	Netravali Wild Life Sanctuary
30.	Number of trucks plying per day	8 to 10 trips in a day
31.	Details on storage of explosives used for blasting	The impact of noise as envisaged shall be on account of drilling and blasting and truck movement. Therefore it is proposed to carry out controlled blasting and regular maintenance and greasing of the jack hammers used for drilling.

The project proponent presented the detailed presentation before Goa-SEAC. The committee had visited the site on 27th January 2021 and observed that the access proposed is on the natural storm water drain and there exists a perennial spring at the proposed quarry site. Therefore, the committee decided to recommend rejection of application to the Goa-SEIAA.

Decision: The authority perused the application and documents submitted by the project proponent. The Authority after perusing the application and documents submitted by the project proponent and taking into consideration the recommendation made by Goa-SEAC that the access proposed is on the natural storm water drain and there exists a perennial spring at the proposed quarry site. The authority after detailed deliberation decide to reject the application submitted by Mrs. Delia Fernandes for environmental clearance for proposed basalt lease at survey no. 99/0 of Barcem, Quepem, Goa.

- Project specific presentation by minor mineral quarry (new of basalt stone quarry) in survey no. 181/1 village Latambarcem, Bicholim, Goa by Shri. Prakash Parodkar. The consultant M/s Joshi Upadhay Associates had presented brief project report of the proposed basalt quarry having lease area 2.0 ha. The proposed extraction capacity 30000 cum per annum.

Serial Number	Item	Details
1.	Name of the Project/s	LATAMBARCEM BASALT QUARRY
2.	Name of the applicant	PRAKASH RAMA PARODKAR
3.	Name of quarry	LATAMBARCEM BASALT QUARRY
4.	Type of quarry	BASALT
5.	S. No. in the Schedule	1(a)
6.	New/Expansion/Modernization/renewal	NEW
7.	Existing Capacity/lease Area etc.	30000m ³ /Year, 2.0000Ha Area
8.	Category of Project i.e. 'A' or 'B'	B2
9.	Plot/Survey/Khasra No.	181/1
10.	Village	LATAMBARCEM
11.	District	North Goa
12.	State	Goa
13.	Nearest railway station/airport , public facility from site (public dwelling, school, educational institution, hospital, Dam)	10.0Km Thivim Railway Station 34Km Dabolim Air Port 1.2Km Public dwelling 1.6Km Primary School 1.5Km Rural Hospital at Dodamarg 7.3Km Asnora river
14.	Area excavated	nil
15.	Balance area available	2.0000Ha
16.	Proposed expansion capacity	New Proposal
17.	Raw material overburden ratio	1:0.25

18.	Location of Stack overburden	Within lease area northern portion of the lease
19.	Existing flora and fauna at site with details of species and nos of trees	Existing tree 155 caju (<i>Anacardium Occidentale</i> Linn) 04 mango (<i>Mangifera Indica</i>) 02 jackfruit (<i>Artocarpus Heterophyllus Lamk</i>) 04 acacia (<i>Acacia Auriculiformis</i>) 12 kinnal (<i>Terminalia Paniculata Roth</i>) 01 jambul (<i>Syzygium Cumini (linn) Skeels</i>) 07 palas (<i>Butea Frondosa</i>) 10 karmal (<i>Dillenia nentcycvna</i>) 04 nano (<i>Larektdroerkial,anceolata</i>) 05 marad (<i>terminalia tomentosa</i>) 19 ghoting (<i>Terminalia bellerica</i>) 05 Bamboo (<i>Bambusa vulgaris</i>)
20.	Proposed plantation plan	Dump backfilled and fringe area
21.	Tree plantation proposed species and number	150 trees of cashew 10 Karmal 10 Palas 30 trees of Mango jackfruit and jambul
22.	Approached road	Existing
23.	Proposed/Existing road Paved/unpaved with length of road	Existing unpaved of 800m
24.	Distance from nearest Locality	1.60KmKharpal Village
25.	Distance from nearest metallic road	800m (road distance of 1.60Km)
26.	Distance from nearest water body	7.3Km Asnora River
27.	Whether site has existing water body	No
28.	Distance from wild life sanctuary	13.0Km Mhadai wild life sanctuary
29.	Distance from Ecological Sensitive Area /zone boundary	12.0Km ESZ of Mhadai wild life sanctuary
30.	List of Endemic species & IUCN status	Unavailable
31.	Details on IBA (Important bird area)	13.0Km Mhadai wild life sanctuary
32.	Proposed Land and Soil mitigation measures	To minimise and mitigate the effects of land degradation the following measures shall be practised i. The afforestation programme in phased manner shall be carried out all along the periphery of the lease. ii. Dumps shall be properly stabilised with indigenous plantation. iii. Afforestation shall be undertaken all along the haul roads iv. The excavated area shall be properly maintained v. Soil encountered during the development period of the lease shall be stacked separately and shall be utilised during the

		plantation programme.
33.	Dust mitigation measures	<ul style="list-style-type: none"> ➤ Sprinkling of water on haul roads, dump road, dump yards, and other places of generation of dust to bring down the air pollution within permissible limits. ➤ Use of wet gunny bags during the course of drilling to suppress dust generation at source. ➤ Blasting will be carried out in favourable weather condition.
34.	Noise mitigation measures	<ul style="list-style-type: none"> ➤ Controlled blasting technique will be adopted in this project in order to minimize fly rock, blast vibrations and noise levels. ➤ A green belt will be made around the quarry and the plant area to screen the noise and also for arresting fugitive dust. ➤ Regular maintenance and greasing of the machinery
35.	Number of trucks plying per day	10 trips in a day
36.	Details on storage of explosives used for blasting	As on date there is no proposal of storage of explosive , blasting will be carried through contractors having valid mobile magazine licence

The committee conducted inspection of the proposed site on 2nd February 2021 and observed that the proposed site is more than 500 meters away from the road side and decided to recommend the project for grant of Environmental Clearance subject to submission of application and annexure, duly signed application by the applicant Shri. Prakash Parodkar and his consultant. PP is directed to submit the access shown on site by a plan indicating road certified by competent authority.

Decision: The authority perused the application and documents submitted by the project proponent. The Authority after considering the application along with documents submitted by the project proponent and the recommendation by Goa-SEAC. The authority after detailed deliberation decide to grant environmental clearance under the provision of EIA Notification 2006 (as amended) for minor mineral quarry new of basalt stone quarry in survey no. 181/1 village Latambarcem, Bicholim, Goa by **Shri. Prakash Parodkar with following conditions:**

1. **Goa Mineral Concession (Amendment) Rules, 2012** notified by the Directorate of Mines and Geology (DMG) and published in Official Gazette Series-I, No. 24 dated 17th September 2012.
2. Submission of **approved quarrying plan** by the competent officer as per Sub-rule (7) as well as specific compliance to Sub-rules 7(A) to 7(D) of the above-referred Rules, as applicable.
3. Office Memorandum (O. M.) issued by the Ministry of Environment, Forest and Climate Change (MoEF & CC) dated 20th December 2013 regarding **High Level Working Group Report on Western Ghats** *vis-a-vis* compliance to the conditions mentioned therein w.r.t. activities prohibited in the identified Ecologically Sensitive Areas (ESAs).
4. Notification S. O. 733 (E) dated 10th March 2014 issued by the erstwhile Ministry of Environment and Forests (MoEF) and published in the Gazette of India ó Extraordinary, No. 624, Part-II, Section 3, Sub-section (ii) dated 10th March 2014 **specifying the list of villages categorized as Ecologically Sensitive Areas (ESAs) in the State of Goa** (i.e. 1,461 sq.kms.) *vis-a-vis* list of projects and activities prohibited / regulated therein.
5. Notification S. O. 221 (E) dated 23rd January 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 155, Part-II, Section 3, Sub-section (ii) dated 23rd January 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Bhagvan Mahavir Wildlife Sanctuary and National Park within the State of Goa** *vis-a-vis* list of sixteen villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
6. Notification S. O. 615 (E) dated 25th January 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 445, Part-II, Section 3, Sub-section (ii) dated 25th January 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Bondla Wildlife Sanctuary within the State of Goa** *vis-a-vis* list of six villages falling partially within such ESZ boundary as well as details of projects and activities prohibited / regulated therein.
7. Notification S. O. 608 (E) dated 24th February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 438, Part-II, Section 3, Sub-section (ii) dated 24th February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Cotigao Wildlife Sanctuary within the State of Goa** *vis-a-vis* list of three villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
8. Notification S. O. 607 (E) dated 24th February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 437, Part-II, Section 3, Sub-section (ii) dated 24th February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) upto the river bank abutting the sanctuary of the three sides of Dr. Salim Ali Bird Sanctuary and to the extent of 100 mts. on the eastern side towards Chorao village** in the State of Goa *vis-a-vis* Chorao village (*partially*) falling within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
9. Notification S. O. 616 (E) dated 25th February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 446, Part-II, Section 3, Sub-section (ii) dated 25th

February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary of the **Madei Wildlife Sanctuary within the State of Goa vis-a-vis** list of Rivem village (01 no.) falling completely and list of thirty-five villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.

10. Notification S. O. 555 (E) dated 17th February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 395, Part-II, Section 3, Sub-section (ii) dated 17th February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary of the **Netravali Wildlife Sanctuary within the State of Goa vis-a-vis** list of sixteen villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.

11. Notification S.O 3977 (E) dated 14th August 2018 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) issued under sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986 specifying **delegation of more powers to State Environment Impact Assessment Authority (SEIAA) and District Environment Impact Assessment Authority (DEIAA) with respect to grant of Environment Clearances.**

2. Further, the project proponent (*i.e. minor mineral quarry lease holder*) is required to mandatorily comply with the following ‘**General conditions**’:-

1. The lease holder should ascertain on-site demarcation and construction of lease boundary with cement poles / bio-fencing / barbed wire for the proposed leased area in question. The lease boundary may be subsequently geo-referenced for precise positioning and ground-truth verification. As such, the lease holder should ensure that minor mineral quarrying operations are restricted within the prescribed lease boundary.
2. The lease holder should ensure construction of approach road / proper access to enable transportation of quarried material from site to desired destination and/or crushing unit, as applicable. Transportation of quarried material shall be done by covering the trucks with tarpaulin so that no spillage of material / dust takes place on route.
3. The lease holder should comply with the proposed plan of action / modus operandi for extraction of basalt / laterite stones within the available lease boundary limits in terms of provisions of Mines and Safety Rules / Guidelines, as applicable. In addition, safety gadgets and health-care facilities should be provided to workers vis-a-vis maintaining hygiene surrounding the proposed lease boundary.
4. The lease holder shall undertake adequate safeguard measures during extraction of basalt stone and ensure that due to this activity, the hydro-geological regime of the surrounding area shall not be affected / altered / polluted. Quarrying operations should be limited to **day-hours time** (06 a.m. to 06 p.m. only) with specified time reserved for blasting. Regular monitoring of groundwater levels and its physico-chemical quality parameters shall be carried out around the quarry lease area (for minimum two locations of permanent water sources / open well / borewell). If there are no groundwater sources, then nearest perennial surface water sources (*i.e. stream / river / pond / lake / reservoir / irrigational canal*) should be monitored for similar parameters on quarterly basis and/or seasonally (*i.e. pre-monsoon / monsoon and post-monsoon*).
5. No quarrying be carried out within the safety zone of any bridge and/or embankment as well as within the vicinity of natural / man-made archaeological site(s).
6. The lease holder shall implement air pollution control measures / dust minimizing initiatives / noise control measures, wherever applicable, within the lease area as well as establish adequate buffer zone around the lease boundary to minimize such pollution

hazards. It should be ensured that the Ambient Air Quality (AAQ) parameters (*to be measures in January, April and November every-year*) as well as Noise parameters conform to the norms prescribed by the Central Pollution Control Board (CPCB) and Noise Pollution (Control) Rules, 2000 respectively.

7. Green belt development shall be carried out considering CPCB guidelines including selection of plant species in consultation with Forest Department / Zonal Agricultural Office, as applicable.
8. The lease holder shall obtain necessary prior permission (NOC) from the Groundwater Cell of the Water Resources Department (WRD) for drawl of surface / groundwater from within the lease area.
9. Waste water / effluents, if any, shall be properly collected, treated and monitored so as to conform to the standards prescribed by the MoEF / CPCB.
10. Environmental clearance (EC) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority, if applicable.
11. The mining officer / in-charge of quarrying operations on-site shall submit six-monthly report in hard and soft copy formats w.r.t. specifying the status of compliance of the stipulated environmental clearance conditions (*i.e. Specific and General conditions*) to the Directorate of Mines and Geology (DMG), Goa, this Authority as well as Goa State Pollution Control Board (GSPCB).
12. Any change (*i.e. modification / expansion / alteration*) in lease area / quarrying operations / extraction capacity / modernization / scope of working / environment management plan (EMP) shall require re-appraisal by this Authority as per the provisions of the EIA Notification, 2006 (*as amended till date*).
13. All necessary statutory clearances from relevant Authorities concerned shall be obtained before start of quarrying operations.
14. The Authority reserves the right to add any stringent conditions or to revoke the EC, if conditions stipulated are not implemented / complied with to the satisfaction of the Authority or for that matter, for any other administrative reasons.
15. Any appeal against this prior environmental clearance shall lie before the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010 (*Central Act 19 of 2010*).
16. As referred to in the Environment Management Plan (EMP), dust suppression measures (*i.e. water sprinklers*) to be undertaken regularly at specific interval during the daytime / quarry-operations.

3. To decide on application from Krishna Prasad Gadgil Extraction of laterite stones, Survey no. 8/1, Codiem Sattari Goa.

Serial Number	Item	Details
1.	Name of the Project/s	GADGIL LATERITE QUARRY
2.	Name of the applicant	Shri KRISHNAPRASAD GADGIL
3.	Name of quarry	CODIEM LATERITE QUARRY
4.	Type of quarry	LATERITE STONE
5.	S. No. in the Schedule	1(a)
6.	New/Expansion/Modernization/renewal	NEW
7.	Existing Capacity/lease Area etc.	Nil/ 1.0000Ha Area
8.	Category of Project i.e. 'A' or 'B'	B2
9.	Plot/Survey/Khasra No.	8/1
10.	Village	CODIEM

11.	District	Sattari-North Goa
12.	State	Goa
13.	Nearest railway station/airport , public facility from site (public dwelling, school, educational institution, hospital, Dam)	24Km ThivimPernem Railway Station 33Km Dabolim Air Port 0.45Km Public dwelling 0.45Km Primary School 4.8Km Valpoi Health Centre 3.4Km Ganjem Check Dam
14.	Area excavated	Nil
15.	Balance area available	1.0000Ha
16.	Proposed expansion capacity	New Proposal Proposes to produce 5000m ³ /year
17.	Raw material overburden ratio	1:0.68
18.	Location of Stack overburden	Tandem Backfilling
19.	Existing flora and fauna at site with details of species and nos of trees	9-sanvor(<i>Bombax ceiba Linn.</i>) 12- kumyo(<i>Careya Arborea Roxb</i>) 75-cashew (<i>Anacardium Occidentale Linn.</i>) 05-Ghoting(<i>Terminalis bellerica</i>) 06-Kindal (<i>Terminalia paniculata Roth</i>)
20.	Proposed plantation plan	Backfilled and fringe area
21.	Tree plantation proposed species and number	10 trees of Sanvor 50 Cashew 10 Kumyo 10 Moi
22.	Approached road	Existing
23.	Proposed/Existing road Paved/unpaved with length of road	Existing unpaved of 50m
24.	Distance from nearest Locality	0.45Km
25.	Distance from nearest metallic road	50m
26.	Distance from nearest water body	2.7Km Mhadai River
27.	Whether site has existing water body	No
28.	Distance from wild life sanctuary	About 5.9Km-Bondla wild Life sanctuary
29.	Distance from Ecological Sensitive Area /zone boundary	About 4.9Km Bondla Wild Life Sanctuary
30.	List of Endemic species & IUCN status	Unavailable
31.	Details on IBA (Important bird area)	10.80Km Mhadai Wild Lifer Sanctuary
32.	Proposed Land and Soil mitigation measures	<ul style="list-style-type: none"> land: as far as possible the voids shall be backfilled and balance unfilled portion shall be properly dressed and maintained as water reservoirs for ground water recharge soil encountered will be stacked separately and shall be used during the plantation programme
33.	Dust mitigation measures	<p>Anticipated dust generation is mainly due to cutting of the layers for bricks, here as a measure it is proposed to make the surface wet before cutting, secondly the cutting blade is kept wet for overheating by sprinkling continuous flow of water this keeps the dust generation under very much control.</p> <p>The other major dust generation source is the truck movement, for which again the roads shall be</p>

		sprinkled to keep the dust under control.
34.	Noise mitigation measures	In this case the noise is generated due to the operation of the power tiller. Therefore it is proposed to carry regular maintenance and greasing of the same, to minimise the noise effect.
35.	Number of trucks plying per day	3 to 4 trips in a day
36.	Details on storage of explosives used for blasting	No Blasting will be carried out

The committee inspected the site on 2nd February 2021 and noted that the proposed project is a laterite quarry. The project proponent presented the detailed presentation before Goa-SEAC.

The committee decided to recommend for grant of environment clearance to Goa-SEIAA. Subject to submission of duly signed documents by applicant and consultant. The committee directed the applicant for proposed plantation of bamboo and kokum trees along the main road to control dust pollution.

Decision: The authority perused the application and documents submitted by the project proponent. The Authority after considering the application along with documents submitted by the project proponent and the recommendations made by the Goa-SEAC decided to grant environmental clearance under the provision of EIA Notification 2006 (as amended) for minor mineral quarry new of laterite stone quarry in survey no. 8/1, Codiem Sattari Goa by Shri. Krishna Prasad Gadgil with following conditions:

1. **Goa Mineral Concession (Amendment) Rules, 2012** notified by the Directorate of Mines and Geology (DMG) and published in Official Gazette Series-I, No. 24 dated 17th September 2012.
2. Submission of **approved quarrying plan** by the competent officer as per Sub-rule (7) as well as specific compliance to Sub-rules 7(A) to 7(D) of the above-referred Rules, as applicable.
3. Office Memorandum (O. M.) issued by the Ministry of Environment, Forest and Climate Change (MoEF & CC) dated 20th December 2013 regarding **High Level Working Group Report on Western Ghats** *vis-a-vis* compliance to the conditions mentioned therein w.r.t. activities prohibited in the identified Ecologically Sensitive Areas (ESAs).
4. Notification S. O. 733 (E) dated 10th March 2014 issued by the erstwhile Ministry of Environment and Forests (MoEF) and published in the Gazette of India *ó* Extraordinary, No. 624, Part-II, Section 3, Sub-section (ii) dated 10th March 2014 **specifying the list of villages categorized as Ecologically Sensitive Areas (ESAs) in the State of Goa** (i.e. 1,461 sq.kms.) *vis-a-vis* list of projects and activities prohibited / regulated therein.
5. Notification S. O. 221 (E) dated 23rd January 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India *ó* Extraordinary, No. 155, Part-II, Section 3, Sub-section (ii) dated 23rd January 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (i.e. buffer zone) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Bhagvan Mahavir Wildlife Sanctuary and National Park within the State of Goa** *vis-a-vis* list of sixteen villages

falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.

6. Notification S. O. 615 (E) dated 25th January 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 445, Part-II, Section 3, Sub-section (ii) dated 25th January 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (*i.e. buffer zone*) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Bondla Wildlife Sanctuary within the State of Goa** *vis-a-vis* list of six villages falling partially within such ESZ boundary as well as details of projects and activities prohibited / regulated therein.
7. Notification S. O. 608 (E) dated 24th February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 438, Part-II, Section 3, Sub-section (ii) dated 24th February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (*i.e. buffer zone*) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Cotigao Wildlife Sanctuary within the State of Goa** *vis-a-vis* list of three villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
8. Notification S. O. 607 (E) dated 24th February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 437, Part-II, Section 3, Sub-section (ii) dated 24th February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (*i.e. buffer zone*) upto the river bank abutting the sanctuary of the three sides of Dr. Salim Ali Bird Sanctuary and to the extent of 100 mts. on the eastern side towards Chorao village** in the State of Goa *vis-a-vis* Chorao village (*partially*) falling within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
9. Notification S. O. 616 (E) dated 25th February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 446, Part-II, Section 3, Sub-section (ii) dated 25th February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (*i.e. buffer zone*) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Madei Wildlife Sanctuary within the State of Goa** *vis-a-vis* list of Rivem village (01 no.) falling completely and list of thirty-five villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
10. Notification S. O. 555 (E) dated 17th February 2015 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) and published in the Gazette of India ó Extraordinary, No. 395, Part-II, Section 3, Sub-section (ii) dated 17th February 2015 **specifying the extent of Eco-Sensitive Zone – ESZ (*i.e. buffer zone*) of 1 kms.** of land or a water body whichever is nearer to the boundary **of the Netravali Wildlife Sanctuary within the State of Goa** *vis-a-vis* list of sixteen villages falling partially within ESZ boundary as well as details of projects and activities prohibited / regulated therein.
11. Notification S.O 3977 (E) dated 14th August 2018 issued by the Ministry of Environment, Forests and Climate Change (*MoEF&CC*) issued under sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 read with clause (d) of sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986 specifying **delegation of more powers to State Environment Impact Assessment Authority (SEIAA) and District Environment Impact Assessment Authority (DEIAA) with respect to grant of Environment Clearances.**

2. Further, the project proponent (*i.e. minor mineral quarry lease holder*) is required to mandatorily comply with the following ‘**General conditions**’:-

17. The lease holder should ascertain on-site demarcation and construction of lease boundary with cement poles / bio-fencing / barbed wire for the proposed leased area in question. The lease boundary may be subsequently geo-referenced for precise positioning and

ground-truth verification. As such, the lease holder should ensure that minor mineral quarrying operations are restricted within the prescribed lease boundary.

18. The lease holder should ensure construction of approach road / proper access to enable transportation of quarried material from site to desired destination and/or crushing unit, as applicable. Transportation of quarried material shall be done by covering the trucks with tarpaulin so that no spillage of material / dust takes place on route.
19. The lease holder should comply with the proposed plan of action / modus operandi for extraction of laterite stones within the available lease boundary limits in terms of provisions of Mines and Safety Rules / Guidelines, as applicable. In addition, safety gadgets and health-care facilities should be provided to workers vis-a-vis maintaining hygiene surrounding the proposed lease boundary.
20. The lease holder shall undertake adequate safeguard measures during extraction of laterite stone and ensure that due to this activity, the hydro-geological regime of the surrounding area shall not be affected / altered / polluted. Quarrying operations should be limited to **day-hours time** (06 a.m. to 06 p.m. only) with specified time reserved for blasting. Regular monitoring of groundwater levels and its physico-chemical quality parameters shall be carried out around the quarry lease area (for minimum two locations of permanent water sources / open well / borewell). If there are no groundwater sources, then nearest perennial surface water sources (*i.e. stream / river / pond / lake / reservoir / irrigational canal*) should be monitored for similar parameters on quarterly basis and/or seasonally (*i.e. pre-monsoon / monsoon and post-monsoon*).
21. No quarrying be carried out within the safety zone of any bridge and/or embankment as well as within the vicinity of natural / man-made archaeological site(s).
22. The lease holder shall implement air pollution control measures / dust minimizing initiatives / noise control measures, wherever applicable, within the lease area as well as establish adequate buffer zone around the lease boundary to minimize such pollution hazards. It should be ensured that the Ambient Air Quality (AAQ) parameters (*to be measures in January, April and November every-year*) as well as Noise parameters conform to the norms prescribed by the Central Pollution Control Board (CPCB) and Noise Pollution (Control) Rules, 2000 respectively.
23. Green belt development shall be carried out considering CPCB guidelines including selection of plant species in consultation with Forest Department / Zonal Agricultural Office, as applicable.
24. The lease holder shall obtain necessary prior permission (NOC) from the Groundwater Cell of the Water Resources Department (WRD) for drawl of surface / groundwater from within the lease area.
25. Waste water / effluents, if any, shall be properly collected, treated and monitored so as to conform to the standards prescribed by the MoEF / CPCB.
26. Environmental clearance (EC) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority, if applicable.
27. The mining officer / in-charge of quarrying operations on-site shall submit six-monthly report in hard and soft copy formats w.r.t. specifying the status of compliance of the stipulated environmental clearance conditions (*i.e. Specific and General conditions*) to the Directorate of Mines and Geology (DMG), Goa, this Authority as well as Goa State Pollution Control Board (GSPCB).
28. Any change (*i.e. modification / expansion / alteration*) in lease area / quarrying operations / extraction capacity / modernization / scope of working / environment management plan (EMP) shall require re-appraisal by this Authority as per the provisions of the EIA Notification, 2006 (*as amended till date*).

29. All necessary statutory clearances from relevant Authorities concerned shall be obtained before start of quarrying operations.
 30. The Authority reserves the right to add any stringent conditions or to revoke the EC, if conditions stipulated are not implemented / complied with to the satisfaction of the Authority or for that matter, for any other administrative reasons.
 31. Any appeal against this prior environmental clearance shall lie before the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010 (*Central Act 19 of 2010*).
1. As referred to in the Environment Management Plan (EMP), dust suppression measures (*i.e. water sprinklers*) to be undertaken regularly at specific interval during the daytime / quarry-operations.

4. To decide on communication received from Inorbit Malls (India) Pvt. Ltd regarding change of name of the project proponent pursuant to sale of the land to M/s Gera Developments Pvt Ltd and M/s Gera reality Estates under 4 separate deeds of conveyance.

Background: This office is in receipt of communication received dated 25/02/2019 from Inorbit Malls (India) Pvt. Ltd regarding change of name of the project proponent from Inorbit malls to M/s Gera Developments Pvt pursuant to sale of the land to M/s Gera Developments Pvt Ltd and M/s Gera reality Estates under 4 separate deeds of conveyance all dated 14th August 2017 and registered under serial nos (i) 2117 of 2017 (ii) 2118 of 2017 (iii) 2119 of 2017 and (iv) 2120 of 2017 respectively and accordingly the said land along with the project built /being built on the said land is owned by M/s Gera Developments Pvt Ltd and M/s Gera reality Estates. Further applicant requested to record the change of ownership for the project granted Environmental clearance dated 10th August 2017.

During 51st Goa-SEIAA meeting the Authority members noted that all the 4 sale deeds speak of environmental clearance dated 08/07/2015 issued by Goa-SEIAA. All the 4 Sale deeds besides the above statement does not speak anything that the new purchaser will be responsible to honour the conditions put by Goa-SEIAA to the original owners (while issuing EC) to the original owners. Besides no mention is made anywhere in the four sale deeds in terms of the application dated 25/02/2019 of the EC dated 10/08/2017.

In view of the above whoever are the new purchasers should apply afresh along with the sale deeds because the conduct of the parties to get the environmental clearance transferred and not mentioning in the sale deeds the responsibility to honour directions contained in the environmental clearance by the Goa-SEIAA given to the original owners is highly improper.

This office is in receipt of clarification dated 21/09/2020 from Gera Developments Pvt Ltd stating the Moef has granted amendment in EC on 10/08/2017 based on new application. And land is transferred to M/s Gera Developments Pvt Ltd. & m/s Gera Realty estates.

Decision: The Authority noted that the EC granted by Goa- SEIAA on 08/07/2015 has been superseded by EC granted by MOEF dated 10/08/2017 after perusing the documents and a copy of environmental clearance granted by Ministry of Environment and Forest. The authority after detailed deliberation decided to direct project proponent to approach Ministry of Environment and forest for transfer in EC from Inorbit Malls (India) Pvt. Ltd to M/s Gera Developments Pvt Ltd and M/s Gera reality Estates.

5. Application dated 02/02/2021 received from Puja Ferro Alloys Pvt. Ltd regarding applicability of EIA Notification for shifting of company from Cuncolim Industrial estate to Vedanta added Business, Navelim, Bardez, Goa.

Decision: Authority noted that the proposed project falls under category “A” of the EIA Notification 2006, which has to be screened and appraised by Ministry of Environment & Forest and Climate Change (MOEF & CC). The Authority decided to transfer the application to Moef & CC New Delhi.

6. To decide on applications received for extension in EC validity bearing EC No. 3-181-2010/STE-DIR/195 dated 06/01/2016 from Earl Andrew Braganza having EC lease no.7/basalt/10-11 in property bearing survey no. 05/1 of Moissal , Dharbandora, Goa.

Decision: The authority after perusing the application decided to conduct post EC monitoring by members of Goa-SEAC. Further the matter will be taken up after the receipt of post EC monitoring report from the Goa-SEAC and current status of mine.

7. To decide on applications received for extension in EC validity bearing EC No. 3-181-2010/STE-DIR/192 dated 31/12/2015 from M/s Marushka Stone Industries having EC lease no.01/Basalt/98 in property bearing survey no. 52/0 of Uguem , Sanguem, Goa.

Decision: The authority after perusing the application decided to conduct post EC monitoring by members of Goa-SEAC. Further the matter will be taken up after the receipt of post EC monitoring report from the Goa-SEAC and current status of mine.

8. To decide on applications received for extension in EC validity bearing EC No. 3-181-2010/STE-DIR/192 dated 31/12/2015 from Satyappa Dhangalkar having EC lease no.06/Basalt/10-11 in property bearing survey no. 52/0 of Uguem , Sanguem, Goa.

Decision: The authority after perusing the application decided to conduct post EC monitoring by members of Goa-SEAC. Further the matter will be taken up after the receipt of post EC monitoring report from the Goa-SEAC and current status of mine.

9. To decide on applications received for extension in EC validity bearing EC No. 3-181-2010/STE-DIR/192 dated 31/12/2015 from M/s Danra Metals having EC lease no.10/Basalt/10-11 in property bearing survey no. 52/0 of Uguem , Sanguem, Goa.

Decision: The authority after perusing the application decided to conduct post EC monitoring by members of Goa-SEAC. Further the matter will be taken up after the receipt of post EC monitoring report from the Goa-SEAC and current status of mine.

Meeting concluded with a vote of thanks to the chair.

Sd/-
Smt. Reshma Mathew
Member, Goa-SEIAA

Sd/-
Prof. Suhas Godse
Chairman, Goa-SEIAA

Sd/-
Shri. Dasharath Redkar
Member Secretary, Goa-SEIAA

Place: Patto, Panaji

Date: February 2021