

**Minutes of the 116<sup>th</sup> Goa State Expert Appraisal Committee (Goa-SEAC) meeting held on 5<sup>th</sup> March 2020 at 4.30 pm in the Conference Room of the 3<sup>rd</sup> floor, GTDC, Patto-Panaji, Goa.**

The hundred and sixteenth meeting of the Goa-SEAC was held on 5<sup>th</sup> March 2020 in the Conference room of the GTDC, Paryatan Bhavan, Panaji at 04.30 pm under the Chairmanship of Prof. Suhas Godse. The list of members who attended the meeting is at Annexure – 1.

At the beginning Chairman welcomed the members and requested Secretary, SEAC to proceed as per the Agenda items (refer Annexure – 2).

1. Project proposals / applications seeking prior Environmental Clearance (EC) for ‘**Renewal**’ of quarry lease(s) from three minor mineral quarry lease holders (refer Annexure – 1). Accordingly, these proposals have been appraised as ‘**Category-B**’ under ‘**category 1(a) – B2 project**’: **Mining of minerals** as per the Schedule annexed to the Environment Impact Assessment (EIA) Notification, 2006 (*as amended*).

Further, it is informed that the Goa State Expert Appraisal Committee (*Goa-SEAC – hereinafter referred as “Committee”*) had conducted the site-inspection of these leases on. Thereafter, consultants on behalf of lease holders, made project-specific presentations during its 113<sup>th</sup> Committee meeting held on 08<sup>th</sup> February 2020. The Committee after considering documents including Form I & documents, mining plans further site inspection, project specific presentation and the compliances as submitted by Project Proponent based on presentation. The committee decided as follows:

**ANNEXURE – 1**

**List of minor mineral quarry lease holders seeking EC for its lease renewals**

<b>Sr. No.</b>	<b>Name of the minor mineral quarry lease holder</b>	<b>Site-specific location of lease</b>	<b>Lease details and its particulars</b>	<b>Decision</b>
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1	<b>Santosh Gaonkar Dharbandora-Goa.</b>	Survey no. 38/2 piliem village, Dharbandora Goa.	Renewal of <b>Laterite-stone quarry</b> Lease area ó 1.0000 Ha. Rate of extraction: 5,000 m <sup>3</sup> per annum.	Recommended to the authority for grant of Environmental clearance
2	<b>Sushant Gaonkar Dharbandora-Goa.</b>	Survey no. 63/2-A Codar village, Ponda Goa.	New <b>Laterite-stone quarry</b> Lease area ó 1.0000 Ha. Rate of extraction: 1,000 m <sup>3</sup> per annum.	Recommended to the authority for grant of Environmental clearance
3	<b>Barkelo Gaonkar Dabal, Dharbandora-Goa.</b>	Survey no142/2 (P) Dharbandora-Goa.	New <b>Laterite-stone quarry</b> Lease area ó 2.5000 Ha. Rate of extraction: 5,000 m <sup>3</sup> per annum.	Recommended to the authority for grant of Environmental clearance
4	<b>Shri. Rajendra Mahadev Naik</b>	Survey no 63/1 Santona, Sanguem-Goa.	New ' <b>Basalt stone quarry</b> Lease area ó 1.0000Ha Rate of extraction: 500 m <sup>3</sup> per day.	Recommended to the authority for grant of Environmental clearance
5	<b>Shri. Santosh Dyandev Khadapkar</b>	Survey no 57/1 Allorna, Pernem-Goa.	New ' <b>Basalt stone quarry</b> Lease area ó 1.7400Ha Rate of extraction: 13350 m <sup>3</sup> per annum. Submitted bio diversity report and all compliances sought by Goa-SEAC	Recommended to the authority for grant of Environmental clearance
6	<b>Kaloshi Granites</b>	Survey no 12/1 Damocem-Sattari,Goa.	New ' <b>Basalt stone quarry</b> Lease area ó 12914 sq mt Rate of extraction: 15000 m <sup>3</sup> per annum.	Committee decided to conduct site inspection
8	<b>Abhishek Salgaonkar</b>	Survey no 42/0 Ibrahmpur, Pernem Goa.	New ' <b>Basalt stone quarry</b> Lease area ó 5.0 Ha Rate of extraction: 20000 m <sup>3</sup> per annum.	Committee decided to conduct site inspection
9	<b>John Dias</b>	Survey no 12/1A Damocem-Sattari,Goa.	New ' <b>Basalt stone quarry</b> Lease area ó 50000 sq mt Rate of extraction: 2000 m <sup>3</sup> per day.	Committee decided to conduct site inspection

10	<b>M/s Shalini Metals</b>	Survey no 25/2(p), 28 (P), 29 (P), 30(P), 31(P) Allorna, Pernem Goa.	New ' <b>Basalt stone quarry</b> Lease area ó 4.9749 Ha Rate of extraction: 100,000 m <sup>3</sup> per annum.	Recommended to the authority for grant of Environmental clearance
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Further all 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 laterite/basalt 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 submitted along with application.
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*).

The meeting ended with vote of thanks to the Chair.

**Dr. Purushotam Pednekar** \_\_\_\_\_ *Sd/-* \_\_\_\_\_

**Dr. Nitin Sawant** \_\_\_\_\_ *Sd/-* \_\_\_\_\_

**Shri. Dominic Fernandes**

\_\_\_\_\_ *Sd/-* \_\_\_\_\_

*Sd/-*  
**Shri. Sanjeev Joglekar)**  
(Secretary Goa-SEAC)

*Sd/-*  
**Shri. Suhas Godse**  
(Chairman Goa-SEAC)

Place: Patto, Panaji

Date: March 2020