Proceedings of the 218th SEAC Meeting held on 11th, 12th, & 13th March 2019

11th March 2019

Members present in the meeting

2019 Shri. N. Naganna Chairman Shri. B. Chikkappaiah, IFS(R) Member Dr. N Krishnamurthy Member Dr. M.I. Hussain Member Dr. K.B Umesh Member Shri M. Srinivasa Member Shri G.T Chandrashekarappa Member Dr. Vinod kumar C.S Member Shri Vyshak V. Anand Member Shri. D. Raju Member Shri Venugopal .V Member Shri J.G Kaveriappa Member Shri. VijayaKumar, IIs Secretary

The Chairman, SEAC, Karnataka welcomed the members of the Committee and others present. The following proposals listed in the agenda were appraised in accordance with the provisions of EIA Notification 2006. The observation and decision of the Committee are recorded under each of the agenda items.

Confirmation of the proceedings of 217thSEAC meeting held on 1st & 2nd March 2019.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 217th SEAC meeting held on 1st & 2nd March 2019 and confirmed the same.

The NGT order dated:13-1-2015 pertaining to obtaining EC by all the existing mining lease right holders, and the Notifification issued by MoEF & CC, on 1st July 2016 with respect to the cluster effect of mining leases and the O.M dated:12-12-2018 regarding cluster effect was brought to the notice of the committee.

Fresh Subjects:

218.1 Proposed Black Granite (Tiger Black) Quarry Project in Q.L.No.764 at Sy.No.200 of Marchihalli Village, K.R.Nagara Taluk, Mysuru District (0-32 Acres) By Smt. D.Vasantha (SEIAA 13 MIN 2019)

SI. PARTICULARS INFORMATION

		· · · · · · · · · · · · · · · · · · ·				
		•	Smt. D. Vasantha			
	Name & Address of the	Jame & Address of the Project	No. 2112, 3rd Main Road			
1		roponent	7th 'A' Cross, Hampinagara,			
ļ.	-	oponem	RPC Layout, 2nd	Stage Vijayanaga	ara	
		i	Bengaluru, Karna	taka		
ļ			Black Granite (Tig		v in an extent of	
2	N	amo de l'acation of the Business	1022 same of Car	t. Land bearing	Sv. No. 200 of	
~	114	ame & Location of the Project	Marchihalli Villa	age, of K.R.	Nagara Taluk,	
ļ	ļ		Mysuru District o		0	
			Point	Latitude	Longitude	
			A	N 12° 25′53.0″	E 76 ° 26′10.2″	
3	C	o-ordinates of the Project Site	В	N 12° 25′53.1″	E 76 ° 26′11.9″	
	İ		С	N 12° 25′51.3″	E 76 ° 26′11.9″	
			D	N 12° 25′50.9″	E 76 ° 26'10.2"	
4	_{'T} ,	The of Mineral	Black Granite		E 70 20 10.2	
4	1)	pe of Mineral				
5	N	ew / Expansion /	New			
	M	odification / Renewal				
	Ty	pe of Land [Forest,	Government Land		·	
6	G	overnment Revenue, Gomal,				
	Pr	ivate/Patta, Other]		•		
7	W	hether the project site fall	NO			
	wi	ithin ESZ/ESA				
8	Area in Ha		0.32 Ha.			
ŀ						
	Ac	ctual Depth of sand in the	NA			
9		ase area in case of River sand				
10		epth of Sand proposed to be	NA	<u> </u>		
10		moved			2'	
11	Ar	nnual Production Proposed	1,200 Cum per Anı			
11		letric Tons/ CUM) / Annum	2,250 Cam per min			
10		antity of Topsoil/Over				
12	1	rden in cubic meter				
10	Mi	neral Waste Handled	800 Tons per Annu		·	
13	(Metric Tons/ CUM)/ Annum					
14		oject Cost (Rs. In Crores)	10 Lakhs	<u> </u>		
15		vironmental Sensitivity				
	a.	Nearest Forest	Arabittu SF 9 Km S	3		
	b.	Nearest Human Habitation	Marchihalli - 1 Km			
	_	Educational Institutes,				
,	c.	Hospital				
· [Cauvery Reservoir	:50 m N		
-	d. Water Bodies		Devanahalli Lake:		ŀ	
			Lakshmanathirtha River: 15 Km SW			
			Hussainpura Cana			
	2					

(е.	Other Specify	None	
	Applicability of General			
16	Co.	ndition of the EIA	•	
		tification, 2006		
17	De	tails of Land Use in Ha.		
ļ	a.	Area for Mining/	0.16	
ļ <u> </u>	ζι.	Quarrying		
	b.	Waste Dumping Area		
<u> </u>	c.	Top Soil Storage Area		
	d.	Mineral Storage Area		
		Road Area/ Infrastructure		
	e.	Area		
	g.	Green Belt Area	0.163	
	h.	Unexplored area		
	i.	Others Specify		
18	Me	ethod of Mining/ Quarrying	Open cast Semi-	Mechanized Method
19	Wa	nter Requirement		
	a.	Source of water	Nearby Borewel	
			Dust	3.6 KLD
	•	Total Dogginson and of	Suppuration	
	b.	b. Total Requirement of Water in KLD	Domestic	0.5 KLD
		water iii KLD	Other	0.5 KLD .
			Total	4.5 KLD
20	Sto	orm water management plan	Will be Underta	ken

The Proponent and Environment Consultant attended the meeting to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that earlier lease was granted in the year 2006 for a period of 10 years and lease period was further extended for a period of 20 years from year 2006. Hence the lease period is valid upto 2026. The proponent has stated that he could able to start mining only from 2013 onwards because of the court intervention. As far as the submission of certified copy of the EC compliance, the proponent has stated that EC compliance details have already been submitted to the Regional Office, MoEF, Bangalore and the officers have visited the site on 8-3-2019 and inspection report is awaited. proponent has stated that he has stored the top soil in neighbouring land for which he has entered into an MOU with the owner of that land. As seen from the cluster sketch submitted by the proponent that there are no other leases within 500 meter from the boundary of this lease and also the lease granted for this quarry is before 9-9-2013. Hence there is no cluster effect for this lease.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance subject to submission of following information to the Authority:

1) Quarry audit report indicating the quantities already mined.

2) Certified copy of the EC compliance.

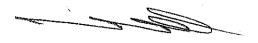
The committee also imposed following general conditions:

- 1. The Cauvery reservoir is at a distance of 50 meter from the site, suitable measures like retaining wall/garland canal etc shall be taken to prevent any possibility of mining waste joining the water body.
- 2. Safe drinking water has to be provided at the quarry site.
- 3. Dust suppression measures have to be strictly followed.
- 4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Proposed Ordinary Sand Quarry Project in Nethravathi River Bed - Block No.2 at Adj. Sy.No.67 of Nekkiladi Village, Puttur Taluk & Dakshina Kannada District (17.79 Acres) (7.20 Ha) By Deputy Director - District Sand Monitoring Committee - Dakshina Kannada District (SEIAA 14 MIN 2019)

07				
SI. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	The Deputy Director & The Member Secretary District Sand Monitoring Committee, Dakshina Kannada District Mangalore		
2	Name & Location of the Project	No2 in 17 River Bed	7.79 acres (7.20 Ha , Adj. Sy. No. 67 uttur Taluk & D	4-Nekkiladi-Block a.) in Nethravathi 7 of 34-Nekkiladi akshina Kannada
3	Co-ordinates of the Project Site	Point A B C D	Latitude N 12° 50' 15.54" N 12° 50' 19.44" N 12° 50' 21.88" N 12° 50' 18.09"	Longitude E 75° 13' 48.0" E 75° 14' 17.55" E 75° 14' 17.16" E 75° 13' 47.60"
4	Type of Mineral	Ordinary Sand Quarry		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest,	Governmen	nt Revenue Land	



		vernment Revenue, Gomal, vate/Patta, Other]		
7	Wŀ	nether the project site fall hin ESZ/ESA	NO	
8	Area in Ha		7.20 Ha.	
9	Actual Depth of sand in the lease area in case of River sand		3.0	_
10		pth of Sand proposed to be noved	0.5	·
11	(M	nual Production Proposed etric Tons/ CUM) / Annum	60,000 Tons pe	er Annum
12	in c	antity of Topsoil/Over burden cubic meter		
13	Toı	neral Waste Handled (Metric ns/ CUM)/ Annum	1,920 Tons per	Annum
14		oject Cost (Rs. In Crores)	30 Lakhs	
15	En	vironmental Sensitivity		
.	<u>a.</u>	Nearest Forest		
	b.	Nearest Human Habitation	Nekkiladi - 50	00 m
	c.	Educational Institutes,		
		Hospital	*•	
	d,	Water Bodies		
	e. Other Specify		None	
	Applicability of General			
16	l	ndition of the EIA		
		tification, 2006		
17	De	tails of Land Use in Ha.	<u> </u>	
	a.	Area for Mining/ Quarrying	7.2 Ha.	
	b.	Waste Dumping Area	 	
	c.	Top Soil Storage Area		
	d.	Mineral Storage Area		
	e.	Road Area/ Infrastructure Area		
	g.	Green Belt Area		
,	h.	Unexplored area		
	i.	Others Specify		
18		Method of Mining/ Quarrying	Open cast Sen	ni-Mechanized Method
19	Wa	ater Requirement		
	a. Source of water		Nearby Borew	
	Ĭ		Dust	5.4 KLD
		Total Paguiroment of Water	Suppuration	
ļ.	Ъ.	Total Requirement of Water in KLD	Domestic	0.48 KLD
	;	III KLD	Other	0.5 KLD
1	Į.	ļ,		

20 Storm water management plan Will be Undertaken

The proposal was placed before the 215th meeting held on 21st January 2019 for appraisal as per the above furnished information by the proponent.

The Hon'ble NGT order dated: 13-9-2018, 11-12-2018 and OM dated: 12th December 2018 issued by MoEFF & CC, GoI was brought to the notice of the committee and read before the committee. In view of the above orders and OM the various DEAC/DEIAAs are sending the pending files to SEIAA, Karnataka. Hence the Authority directed the SEAC to appraise the proposals accordingly.

The OM dated: 12th December 2018 issued by MoEFF & CC, GoI was brought to the notice of the committee which says that the projects with an area above 5 hectares and within 25 hectares are tobe treated on par with B1 projects with EIA including public consultation. The committee after due deliberation and discussion on the said OM opined that the OM is silent about the projects that are being dealt at the SEIAA level. The concluding part of the OM just states that the Notification issued on 15-1-2016 which deals with the formation of DEAC/DEIAA is kept in abeyance and whereas regarding the powers vested with the SEAC/SEIAA the OM being silent, the SEAC has construed that it is not limiting the powers vested with SEAC/SEIAA in the Notification dated:15-1-2016 and proceeded with the appraisal.

This is a sand mining in the Nethravathi river bed. The width of the river is 218 meter. The Length of the sand block is 900 meter and width of the block is 80 meter. The depth of deposits is 3.0 meter. The proponent has proposed the mining to a depth of 0.5 meter every year and in subsequent year he is proposed to take up sand mining after full replenishment.

There is an existing connecting road between river bed and NH-48 to a length of 380 meters which connects stockyard on the government land in between to a distance of 120 meter from the river bank. The proponent has also stated that there are no structures either on the upstreams side or on the downstream side within the safe mandated distance.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance with the following conditions:

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 3) The overall depth of mining shall not exceed 0.5 meter from the top level at any point of time during the lease period.

The Authority perused the proposal and took note of the recommendation of SEAC in its163rd meeting held on 25-1-2019.

The Authority while discussing observed that this project proposal is being considered by Authority as per directions of the MoEF, GoI issued vide O.M dated 12-12-2018. As per this direction all the individual leases and clusters having total lease area of 5 to 25 Ha also have to be appraised as B1 category activity. While going through the proceedings of the SEAC, the Authority observed that the lease area of this project is 7.20 Ha. The Authority therefore opined that this proposal has to be B1 category project/activity.

The Authority after discussion decided to refer the file back to SEAC to undertake screening, scoping, public consultation and appraisal of the proposal strictly in accordance with law and in the spirit of the orders of the Hon'ble NGT dated 4th September 2018, 13th September 2018 and the OM dated:12-12-2018 issued by MoEF & CC, Govt of India and sending recommendation deemed fit based on merit.

The proposal was placed before the 218th meeting held on 11-3-2019. The proponent and Environment consultant attended the meeting to provide required clarification. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard ToRs to conduct the EIA studies along with public hearing.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.3 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & Chikkaballapura District (0-20 Acres) By Sri C. Guruprasad (SEIAA 16 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. C. Guruprasad, S/o B Chandrakanth, No-629, Rajaji Nagar, 2nd Block, Bengluru
2	Name & Location of the Project	Building Stone Quarry over an extent 0-20 Acres (0.202 Hectares) in Patta Land at Sy. No. 43 of Chikkanagavalli Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13 ^o 36' 23.8" to N 13 ^o 36' 22.9" Longitude: E77 ^o 46' 12.4" to E77 ^o 46' 12.4"
4	Type of Mineral Building Stone Quarry	
5	New / Expansion / Modification / Renewal	New .

		pe of Land [Forest,	Government Revenue Land
. 6	1	overnment Revenue, Gomal, ivate/Patta, Other]	
7	within ESZ/ESA		No
8	Area in Ha		0.202 Ha
9		ctual Depth of sand in the lease ea in case of River sand	NA
10	rei	epth of Sand proposed to be moved	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of		It's a Fresh area.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		25,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter		There is no topsoil Available in this area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		6,580 Tons
16	Pro	oject Cost (Rs. In Crores)	2.04 crores
17	En	vironmental Sensitivity	
	a.	Nearest Forest	Haristala Reserved Forest - 2.65 Kms(S)
	b	Nearest Human Habitation	Chikkanagavalli - 1.40 Kms(SW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande.
	d.	Water Bodies	Adegarahalli Lake - 1.20 Kms (S) Jonnulakunte Pond - 2.10 Kms(NW)
	e.	Other Specify	MAS .
	-	plicability of General	
18		ndition of the EIA	•
	Notification, 2006		
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	0-07
	b.	Waste Dumping Area	0-01
	c.	Top Soil Storage Area	
	d.	Mineral Storage Area	0-01
	e.	Infrastructure Area	

	f.	Road Area	0-01		
	g.	Green Belt Area/Buffer Zone	0-10		
	h.	Unexplored area			
	i.	Others Specify			
20	N	Nethod of Mining/ Quarrying	Semi Mechani	ised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA		
22	Wa	ater Requirement			
	a.	Source of water		er : Borewell from the village sion: River Water	
	b. Total Requirement of Water	Tatal Daguinama ant of Mater	Dust Suppression	4.5 KLD	
		Domestic	1.5 KLD		
		III KLD	Other	5.33 KLD	
			Total	11.33KLD	
22	Chamber		Drains will be	constructed along the	
23	Sto	orm water management plan	boundary of a	activity area	
24	Any other information specific to the project (Specify)		NA		

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee observed that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster shall be provided by the proponent and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

218.4 Proposed Building Stone Quarry Project at Sy.No.11 of Janalukunte Village, Chikkaballapura Taluk & Chikkaballapura District (7-20 Acres) By M/s. Janapriya RMC Pvt. Ltd. (SEIAA 17 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Janapriya RMC Pvt. Ltd. Sy.No: 42/8, Minukunte village, Jala Hobli, Yalahanka, Bangalore North Taluk,

		Karnataka
	•	
2	Name & Location of the Project	"Building Stone Quarry" over an extent of 7- 20 Acres at Sy No: 11, Jonalakunte Village, Chikkaballapura Taluk, Chikkaballapura District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 37′ 09.3″ Longitude:E 77° 45′ 45.0"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New · .
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
7	Whether the project site fall within ESZ/ESA	No .
8	Area in Ha	3.03 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA .
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	4,19,940 tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	There is no top soil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,15,649Tons
16	Project Cost (Rs. In Crores)	6.34 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest - 4.00 Kms(S)

	Ъ.	Nearest Human Habitation	Gudibanda - 8.40 Kms(NW)	
	C.	Educational Institutes,	·	post and telegraph office, ols, police station is situated in
		Hospital	Gudibanda	
	d. Water Bodies		Kamaganapal	li Pond - 3.20 Km (S)
	d.	vvater bodies	Balaganahalli	Pond - 3.60 Kms(SE)
	e.	Other Specify		·
. :	_	plicability of General	NA	
18		ndition of the EIA		
		tification, 2006		
19	De	tails of Land Use in Acre		
	a.	Area for Mining/ Quarrying	5.56	
	b.	Waste Dumping Area/	0.13+0.13	,
	υ.	Mineral Storage Area		
	С.	Road Area/ Infrastructure	0.09+0.05	
	d.	Green Belt Area/Buffer Zone	1.54	
	e.	Unexplored area		
	f.	Others Specify	, .	
20	N	Iethod of Mining/ Quarrying	Semi Mechani	ised Method Open quarrying
21		Rate of Replenishment in	NA	
		case River sand project		•
22	Wa	ter Requirement		,
	a.	Source of water	1	er : Borewell from the village
	<u>и,</u>	Source of Water	·	sion: River Water
		- '	Dust	10 KLD
		Total Requirement of Water	Suppression	
	b. in KLD		Domestic	1.26 KLD
		THE TABLE	Other	3 KLD
			Total	14.26 KLD
23	Sto	rm water management plan		constructed along the
			boundary of a	ctivity area
24		y other information specific	NA	
	to 1	the project (Specify)		

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent. The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease granted notified during the year 3-1-2015. The proponent has made out this application to obtain prior EC to complete the other formalities. Earlier the proponent has made out an application to the District authority on 12-9-2016.

The DEAC has taken up for appraisal on 18-4-2017 and recommended for issue of EC. The DEIAA has again sent back the file to DEAC with certain observations and mainly about the cluster effect. Subsequently DEAC has again taken up the appraisal for second time on 4-9-2018 and observed that most of the other quarries are granted prior to the cut-off date 9-9-2013 and excluding those quarries the total area of the mining leases do not exceed the threshold limit of 5 hectares and hence do not fall under the cluster. Subsequently no action has been taken to issue EC from DEIAA. Now proponent has produced cluster certificate issued by DMG wherein it has stated that the lease areas granted after the cutoff date of 9-9-2013 do not exceed 5 Ha and it is actually 7 acres 20 guntas.

In the meantime due to change in policy this proposal has been forwarded to SEIAA. As per the mining plan, area of mining proposed is 5 acres 23 guntas and also it is observed that there is a 16 meter level difference within the mining area. Taking this into consideration the proposed quantity of 2,17,000 cum or 5,78,000 tons can be mined safely and scientifically within the quarry pit depth of less than 10 meter below the lowest level. The proponent has stated that the 5% wastage will be handled by using the same for approach road construction. The proponent has also agreed to develop greenery all along the approach road of 2 KM length.

The committee after considering the above facts and due deliberations opined to recommend the proposal to SEIAA for issue Environment Clearance with the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.5 Proposed Building Stone Quarry Project in Q.L.No.224 at Sy.No.11 of Jonnalukunte Village, Chikkaballapura Taluk & Chikkaballapura District (4-00 Acres) By M/s. Rock Sand (SEIAA 18 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Rock Sand Sy. No. 27, Old N. 11P1, Jonnalakunte village, Mandikal Hobli, Chikkaballapura District.

2	Name & Location of the Project	Building Stone Quarry over an extent 4-00 Acres in Govt Revenue Revenue Land at Sy No: 11, Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District Karnataka		
3	Co-ordinates of the Project Site	Latitude: N 13° 36′ 39.2″ Longitude:E 77° 45′ 29.6″		
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Existing		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.61 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed	NA ·		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining.	It's a Building Stone Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	908.00 m from the Existing pit Level		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,78,536.4 tons/annum		
14	Quantity of Topsoil/Over burden in cubic meter	There is no top soil Available in this area.		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	28,422.1 Tons		
16	Project Cost (Rs. In Crores)	1.60 crores		
17	Environmental Sensitivity	TT 1.1 D -1D (4451 (CD)		
	a. Nearest Forestb. Nearest Human Habitation	Haristala Reserved Forest – 4.15 km (SE) Jonnalakunte -0.65 Kms(W)		
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura		
	d. Water Bodies	MandikalPond-2.75 Kms(SW)		

			PeresandraLake-3.22 Kms(SE)		
,	e.	Other Specify			
	Ap	plicability of General			
18	Condition of the EIA				
	No	tification, 2006			
19	De	tails of Land Use in Acres			
	a.	Area for Mining/ Quarrying	3-05		
	b.	Waste Dumping Area/	0-01		
	D.	Mineral Storage Area			
	c.	Road Area/ Infrastructure	0-02		
	d.	Green Belt Area/Buffer Zone	0-32		
	e.	Unexplored area			
	f.	Others Specify		·	
20	Ŋ	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying		
21		Rate of Replenishment in	NA		
		case River sand project			
22	Wa	ter Requirement			
	a.	Source of water		er : Borewell from the village	
<u> </u>	u.	Source of Water		sion: River Water	
		·	Dust	4.5 KLD	
		Total Requirement of Water in KLD	Suppression		
	b.		Domestic	1.5 KLD	
		A	Other	0.8 KLD	
			Total	6.8 KLD	
23	Sto	rm water management plan	Drains will be constructed along the -		
			boundary of activity area		
24		y other information specific	NA		
	to 1	the project (Specify)		* .	

The Proponent and Environment Consultant attended 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is an existing quarry and EC for which was issued on 5-5-2015 for a total quantity of 6,42,315 tons for a plan period of five years. Out of which the proponent has stated that he has mined only 27,000 tons during the year 2016-17 as per the audit report, whereas for 2017-18 no audit report has been issued from the DMG. The proponent has stated that the actual pit measurements has been taken as on this date and as per the overall pit measurement, quantity contes to about 40,000 cum or 1,10,000 tons. Taking this into consideration the total quantity proposed to mine for a further

plan period of five years will be overall 13,92,682 tons and net quantity will be 12,82,682 tons. As per the quarry plan there is a level difference of 40 meter within the mining area of 3 acres 5 guntas and taking this into consideration the total quantity that can be mined scientifically and safely will be nearly 80% of the total quantity proposed. The applicant has made out an application to the DEIAA and consequently DEAC has taken up the appraisal on 4-9-2018 and recommended the proposal for issual of EC restricting the quantity to 80% of the proposed quantity. In the meantime due to change in policy the file has been transferred to SEIAA for further needful action.

As far the compliance to the earlier EC is concerned the proponent has stated that he is regularly filing half yearly compliances to the Regional Office, MoEF& CC, and they visited the site on 7-3-2019 but no certification is received.

As regard to the handling of wastage to 5% the proponent has stated that he will utilize the same for constructing the approach road to a length of 2.95 KM. The proponent has also stated that he will develop the greenery on either side of the approach road as this cannot be taken up in the buffer zone since this is a completely exposed rock.

The proponent has also stated that his quarry lease is exempted from cluster effect since the EC for the same was issued earlier before 15-1-2016.

The above facts were discussed and deliberated by the committee and decided to recommend the proposal for issue of Environment clearance subject to condition that the quantity is restricted to 80% and subject to submission of following information to the authority.

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.6 Proposed Building Stone Quarry Project in Q.L.No.257 at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & Chikkaballapura District (3-20 Acres) By M/s. Vexcon Blocks (SEIAA 19 MIN 2019)

SI. PARTICULARS INFORMATION	_			
	ŀ	ဌ	PARTICULARS	INFORMATION

No				
1	Name & Address of the Project Proponent	M/s Vexcon Blocks Partner: Keshavamurthy Harsha Chikkanagavalli Village, Bettahalsoor Post,Bangalore North, Bangalore-562157, Karnataka.		
2	Name & Location of the Project	"Building Stone Quarry" of M/s Vexcon Blocks, Sy No: 43,Chikkanagavalli village, Chikkabalapur Taluk, Chikkabalapur District, Karnataka.		
3	Co-ordinates of the Project Site	Latitude: N 13 ⁰ 36′ 28.0″ Longitude:E 77 ⁰ 45′ 38.3″		
4	Type of Project	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land		
7	Whether the project site fall within ESZ/ESA	No .		
8	Area in Ha	1.072 Ha		
9	Geological Reserves in ROM	17,21,015Tons		
10	Mineable Reserves in ROM	11,95,979 Tons		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,00,000 tons per annum 5 years		
12	Quantity of Topsoil/Over burden in cubic meter	1,100 Cu.m of topsoil generated in the site		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	59,799 tons		
14	Project Cost (Rs. In Crores)	11.78 crores		
15	Environmental Sensitivity			
	a. Nearest Forest	Haristala Reserved Forest - 3.45 Kms(S)		
	b. Nearest Human Habitation	Chikkanagaavalli Village - 0.72 Kms(SW)		
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura.		
<u> </u>	d. Water Bodies	Adegarahalli Pond - 1.18 Kms(S)		
	e. Other Specify			
	Applicability of General	NA		
16	Condition of the EIA			
	Notification, 2006			
17	Details of Land Use in Acres			
	a. Area for Mining/ Quarrying	2-12		
<u> </u>	b. Waste Dumping Area			

s.	. c.	Top Soil yard	0-09		
	d.	Mineral Storage Area			
	e.	Infrastructure Area			
	f.	Road Area	0-02		
	g.	Green Belt Area	0-37		
	h.	Unexplored area			
	i.	Others Specify			
18	N	Nethod of Mining/ Quarrying	Semi Mechanised Method		
19	Wa	ater Requirement			
	a.	Source of water	Borewell from	n the village	
		Total Requirement of Water in KLD	Dust	8.81 KLD	
	Ī		Suppression		
	Ъ.		Domestic	1.152 KLD	
			Other	3.658 KLD	
			Total	13.62 KLD	
20	CL		Drains will be constructed along the boundary		
20	20 Storm water management plan		of activity area		

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is an existing quarry and EC for which was issued on 28-8-2015 for a total quantity 3,02,000 tons for a plan period of five years. Out of which the proponent has stated that he has mined only 1,20,000 tons upto March 2018 and proportionately total quantity mined upto March 2019 comes to 1,80,000 tons. However audit report has not been issued from the DMG though site inspection has been done. As per the quarry plan there is a 10 meter level difference within the lease area and taking this into consideration the total quantity that can be mined scientifically and safely for the plan period of five years is 40% of the proposed quantity.

As far the compliance to the earlier EC is concerned the proponent has stated that he is regularly filing half yearly compliances to the Regional Office, MoEF& CC, they visited the site on 7-3-2019 but no certification is received.

As regard to the handling of wastage to 5% the proponent has stated that he will utilize the same for constructing the approach road to a length of 2.70 KM. The proponent has also stated that he will develop the greenery on either side of the approach road as this cannot be taken up in the buffer zone since this is a completely exposed rock.



The proponent has also stated that his quarry lease is exempted from cluster effect since the EC for the same was issued earlier before 15-1-2016. In view of the above the committee after due deliberation and discussion decided to recommend for issue of Environment Clearance with the condition that the quantity is restricted to 40% and subject to submission of following information to the authority.

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.7 Proposed Building Stone Quarry Project at Sy.No.34 of Pathakote Village, Bagepalli Taluk & Chikkaballapura District (5-20 Acres) By Sri Mohammed Rahim (SEIAA 20 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Mohammed Rahim, S/o Dastagiri,No-403, 2nd Main, Mathikere,Bangalore.
2	Name & Location of the Project	Building Stone Quarry over an extent 5-20 Acres (2.225 Hectares) in Govt Revenue Land at Sy. No. 34 of Pathakote village, Bagepalli Taluk, Chikkabalapur District Karnataka.
3	Co-ordinates of the Project Site	Latitude: N 13° 45′ 09.6″ Longitude:E 77° 55′ 58.0
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
. 7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	2.225 Ha
9	Actual Depth of sand in the lease	NA



	are	a in case of River sand	
	Depth of Sand proposed to be		NA .
10		noved	
-	Rate of replenishment in case of		It's a Building Stone Quarry
		er sand mining as specified in	To a Danaming Storie 2, marry
11		sustainable sand mining	
	guideline 2016		
· ·		easurements of the existing	Fresh Land
	quarry pits in case of		Tresh Land
12	_	going/expansion/modification	
12			,
		mining proposals other than er sand	
		nual Production Proposed	2,75,000 Tons/annum
13		etric Tons/ CUM) / Annum	2,75,000 Tons/ armunt
			There is no tongoil Available in this area
14		antity of Topsoil/Over burden cubic meter	There is no topsoil Available in this area.
-		neral Waste Handled (Metric	14,474 Tons
15		neral waste Handled (Metric	14/4/4 10115
16		oject Cost (Rs. In Crores)	11.75 crores
17			11.75 crores
1/	Environmental Sensitivity		Itikaldurga State Forest - 1.10 Kms(SW)
	a.	Nearest Forest	Pathpalya State Forest-1.60 km (N)
		Nearest Human Habitation	Bagepalli- 14.40 km(W)
	b. Nearest Human Habitation		The nearest post and telegraph office,
	_	Educational Institutes,	hospital, schools, police station is situated in
	C.	Hospital	Gudibande
			Pathpalya Pond - 0.75 kms (N)
	d.	Water Bodies	Gudipalli Pond – 2.30 Kms(SE)
	е.	Other Specify	
		plicability of General	
18		ndition of the EIA	
10	i	otification, 2006	
19		tails of Land Use in Acres	
1	a.	Area for Mining/ Quarrying	4-08
	b.	Waste Dumping Area	0-02
	c.	Top Soil Storage Area	
	d.	Mineral Storage Area	0-06
	e.	Infrastructure Area	
-	f.	Road Area	
		Green Belt Area/Buffer Zone	1-02
	g h.	Unexplored area	1-02
	i.	, • • • • • • • • • • • • • • • • • • •	
20	<u> </u>	Others Specify Method of Mining / Quarrying	Semi Mechanised Method Open quarrying
20	1	Method of Mining/ Quarrying Rate of Panlanishment in	NA **
21		Rate of Replenishment in	INV
		case River sand project	10

22	Wa	ater Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	-	Total Requirement of Water in KLD	Dust Suppression	6.5 KLD
	b.		Domestic	3.0 KLD
			Other	4.71 KLD
			Total	14.21 KLD
23	Storm water management plan		Drains will be boundary of a	constructed along the
24	An to t	y other information specific the project (Specify)	NA	

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this quarry lease was notified on 26-7-2018. The proponent has made out an application to DEIAA and consequent to this DEAC has appraised on 27-9-2018 and recommended for issual of EC. Subsequent to change of policy decision the file has been transferred to SEIAA. As per the records it is noticed that the DEAC during its appraisal has taken note of the fact that there are no other lease area within the 500 meter from this lease area and the same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist. Now the Senior Geologist has issued a cluster map according to which there are no other leases within the 500 meter from this quarry lease.

As seen from the quarry map the level difference within the mining area of 4 acres 8 guntas is 10 meters. Taking this factor into consideration the quantity that can be mined safely and scientifically upto a depth of 12 meter from the lowest level will be about 60% of the quantity proposed for mining during the planning period of five years. As regards to handling of waste the proponent has stated that he will utilise the same for formation of approach road to a length of 700 meters and also he has stated that greenery will be developed on either side of the approach road which cannot be taken in the lease area since the entire lease area is rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 60% of the proposed quantity.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.8 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & Chikkaballapura District (0-30 Acres) By Sri Y.V.Venkatareddy (SEIAA 21 MIN 2019)

Sl. No	PARTICULARS	INFORMATION			
1	Name & Address of the Project Proponent	Sri. Y. V. Venkatareddy, S/o Yarappa, Aruru Village & Post Mandikal Hobli, Chikkaballapura, Karnataka			
2	 Name & Location of the Project	Building Stone Quarry over an extent 0-30 Acres (0.303 Hectares) in Govt Revenue Land at Sy No: 43, Chikkanagavalli Village, Chikkabalapura Taluk, Chikkabalapura District, Karnataka.			
3	Co-ordinates of the Project Site	Latitude:N 13° 36′ 20.5″ Longitude:E 77° 45′ 59.5			
4	Type of Mineral	Building Stone Quarry			
5	New / Expansion / Modification / Renewal	New			
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land			
7	Whether the project site fall within ESZ/ESA	No			
8	Area in Ha	0.303 Ha			
9	Actual Depth of sand in the lease area in case of River sand	NA			
10	Depth of Sand proposed to be removed	NA			
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining	It's a Building Stone Quarry			



F	911	uideline 2016			
		easurements of the existing	Fresh Land		
	quarry pits in case of		1 Testi Land		
12					
17		mining proposals other than			
		rer sand			
	+		25 222 3		
13		nnual Production Proposed	35,000 Tons/	annum	
		letric Tons/ CUM) / Annum			
14		uantity of Topsoil/Over burden	There is no to	psoil Available in this area.	
		cubic meter			
15		ineral Waste Handled (Metric	9,210 Tons		
	· -	ns/ CUM)/ Annum			
16		oject Cost (Rs. In Crores)	2.35 crores		
17	En	vironmental Sensitivity			
	a.	Nearest Forest	Haristala Res	erved Forest – 3.45 KmsS	
	b.	Nearest Human Habitation	Chikkanagav	alli- 0.70 km(S)	
		Educational Institutes,		post and telegraph office,	
	c.	•		pols, police station is situated in	
		Hospital	Gudibande	. 1	
	d.	Mateu De Jie-	Adegarahalli	Lake - 1.18 Kms (S)	
	a.	Water Bodies	Jonnulakunte Pond - 1.70 Kms(NW)		
	e.	Other Specify			
	Ар	plicability of General			
18		ndition of the EIA	,		
	No	otification, 2006			
19	De	tails of Land Use in Acres	·		
	a.	Area for Mining/ Quarrying	0-17		
	b.	Waste Dumping Area	0-01		
	c.	Top Soil Storage Area			
	d.	Mineral Storage Area	0-03		
	e.	Infrastructure Area			
	f.	Road Area			
	g.	Green Belt Area/Buffer Zone	0-08		
	h.	Unexplored area			
<u> </u>	i.	Others Specify			
20		Method of Mining/ Quarrying	Somi Machani	icad Mathad Occar	
20	1.6			ised Method Open quarrying	
21	Rate of Replenishment in		NA	·	
22	Wa	case River sand project ater Requirement			
. 44	7 7 6		Duin lei ·	D	
	a.	Source of water		er: Borewell from the village	
				sion: River Water	
		Total Demoissance (C viv.	Dust	5.5 KLD	
	Ъ.	Total Requirement of Water	Suppression		
		in KLD	Domestic	2.8 KLD •	
			Other	2.66 KLD	

		Total	10.96 KLD	
23.	Storm water management plan	1 '	II be constructed along the of activity area	
24	Any other information specific to the project (Specify)	NA		

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster shall be provided by the proponent and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

218.9 Proposed Sand Quarrying Block No.14 in Tungabhadra River Bed at Adjacent to Sy.Nos.48-50, 51, 57, 58 of Bilasanur Village, Harihara Taluk, Davanagere District (12-20 Acres) By Sri Veeresh Y.V. (SEIAA 22 MIN 2019)

Sl. No	PARTICULARS	INFORM	INFORMATION			
1	Name & Address of the Project Proponent	Sri. Veeresh, Y.V. Project Proponent S/o. Veerappa, Shamshipura, Belludi, Harihara Taluk, Davanagere Dist.,				
2	Name & Location of the Project	Bilasanur Village, Harihara Taluk, Davanagere District, Karnataka State.				
	Co-ordinates of the Project Site	Corner Point	Latitude	Longitude		
		1	N14° 29' 34.3"	E75° 44' 07.2"		
3		2	N14° 29' 37.4"	E75° 44' 04.5"		
		3	N14° 29' 48.3"	E75° 44' 13.6"		
		4	N14° 29' 45.3"	E75° 44' 16.2"		
4	Type of Mineral	River Sand.				



5		ew / Expansion / Modification Renewal .	New.
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Government Land.
7	Whether the project site fall within ESZ/ESA		No .
8	Aı	ea in Ha	4.937 Ha
9	are	etual Depth of sand in the lease ea in case of River sand/Patta nd Sand	Depth of Sand in patta land -3.0 m
10		pth of Sand proposed to be noved	Depth of Sand proposed- 0.65 m
11		nual Production Proposed letric Tons/ CUM) / Annum	45,404 TPA
12	bu	antity of Topsoil/Over rden in cubic meter	NA .
13	. To:	neral Waste Handled (Metric ns/ CUM)/ Annum .	Nil
14		oject Cost (Rs. In Crores)	50 Lakh
15	15 Environmental Sensitivity		
	a.	Nearest Forest	Open scrub is located at 0.76 km in the NE direction from AQL.
	b.	Nearest Human Habitation	Bilasanur -0.6 Km Nortrh-East
	c.	Educational Institutes, Hospital	Harihara-8 km
	d.	Water Bodies	Tungabhadra River
	е.	Other Specify	Nil
		plicability of General	NA
16		ndition of the EIA	
17		tification, 2006	
1/		tails of Land Use in A-Cents	40.55
	a. b.	Area for Mining/ Quarrying Waste Dumping Area	10.55
- :	C.	Top Soil Storage Area	
	d.	Mineral Storage Area	
	e.	Infrastructure Area	
	f.	Road Area	
	g.	Safety Zone Area	1.65
	h.	Unexplored area	
		Total	12.20 Acre(4.937 Ha).
18	Me	thod of Mining/Quarrying	Semi Mechanised Quarrying
19		ter Requirement *	Zumi ying
	a.	Source of water	Near By village Borwell.

			Dust Suppression	4.20
	L	Total Requirement of Water	Domestic .	. 0.6
	b.	in KLD	for plantation	2.50
			Total	7.30
20	Storm water management plan		part just	

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the proposal is for carrying out the sand mining in the river bed and as per the quarry plan the length of the block is average 430 meters and width is average 120 meters. The top level of the deposits is 527 meter and average level of the dry weather flow of the river is 526 meters. The depth of mining proposed is 0.60 meter against the depth of deposit is 1.0 meters. Hence the bottom of the mined pit will be about 0.4 meter above dry weather flow. The proponent has proposed the stock yard at a distance of 150 meters. The approach road connecting river bed to stock yard runs through private land and also stockyard proposed is also on the private land for which the proponent has stated that he has entered into an MOU with the land owners.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance with the following conditions:

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 3) The overall depth of mining shall not exceed 0.60 meter from the top level at any point of time during the lease period.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.10 Proposed Building Stone Quarry Project at Sy.No.11 of Jonnalakunte village, Chikkaballapura Taluk & Chikkaballapura District (7-00 Acres) By M/s Robo Quarries Private Limited, (SEIAA 23 MIN 2019)

Sl.	PARTICULARS	INFORMATION
No		

1	Name & Address of the Project Proponent	M/s Robo Quarries Private Limited, No.31, opp. Vidhyavardhaka Sangha, 1st N Block, Rajajinagar, Bangalore-560010
2	Name & Location of the Project	"Building Stone Quarry" over an extent of 7- 00 Acres at Sy No:11, Jonalakunte Village, Chikkaballapura Taluk, Chikkaballapura District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 36′ 46.7″ Longitude: E 77° 45′ 34.9″
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
7	Whether the project site fall within ESZ/ESA	No
8	8 Area in Ha 2.83 Ha	
9	Actual Depth of sand in the lease area in case of River sand	NA ···
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	4,19,940 tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	There is no top soil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,11,575 Tons
16	Project Cost (Rs. In Crores)	15.05 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest – 4.15 km (SE)
	b. Nearest Human Habitation	Gudibanda - 8.80 Kms(NW)
	c. Educational Institutes,	The nearest post and telegraph office,

		Hospital	hospital, schoo Gudibanda	ols, police station is situated in
	d.	Water Bodies	Chokkanahalli	ond - 1.00 Kms(W) i Pond - 1.20 Kms(N) ond - 3.30 Kms(SE)
·		Other Specify		riu - 5.50 Kilis(SE)
	e.	plicability of General	NA	
18		ndition of the EIA	IVA	
10		tification, 2006		
19		tails of Land Use in Ha	`	
19			1.6075	
	a.	Area for Mining/ Quarrying	ļ	
	b.	Waste Dumping Area/	0.04+0.030	
		Mineral Storage Area		
	c.	Road Area/ Infrastructure	0.03+0.02	
	d.	Green Belt Area/Buffer Zone	0.5032	
	e.	Unexplored area	0.6021	
	f.	Others Specify		
20	Method of Mining/ Quarrying		Semi Mechani	sed Method Open quarrying
21		Rate of Replenishment in case River sand project	NA	
22	Wa	nter Requirement		
	a.	Source of water		er : Borewell from the village sion: River Water
			Dust Suppress	10 KLD
			Suppression	IO KLD
	L	Total Requirement of Water	Domestic	1,125 KLD
	D.	b. in KLD	Other	2,99 KLD
			Total	14.12 KLD
23	Storm water management plan			constructed along the
			boundary of a	спуну агеа
24	Any other information specific to the project (Specify)		NA	

The Proponent and Environment Consultant attended the meeting to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee observed from the cluster map prepared by DMG there are 35 quarry leases within the 500 meter from this quarry area. Out of which 28 number of leases were granted either prior to 9-9-2013 or ECs were issued prior to 15-1-2016 which are exempted from cluster



effect and other five quarry leases within 500 meters are on the western side of this lease area. Hence there are six quarry leases which form cluster including the present proposal. The applicant for this proposal stands first as per seniority and hence the total area of the lease being less than 5 hectares, the committee decided to continue with the appraisal only for this proposal and to take up appraisal of other five quarries after the submission of extended cluster map.

This is a fresh lease area notified on 7-1-2015. The proponent has stated that he has made out an application to district authority and subsequently DEAC has taken up appraisal on 18-4-2017 and recommended for issue of EC. Further DEIAA has sent back the file for reappraisal on the four points and mainly it is about cluster effect. The DEAC held second appraisal on 4-9-2018 and recommended for issue of EC. The DEAC also noted that there are other quarries who have been leased after 9-9-2013 within the 500 meter radius from this lease area whose total area is less than threshold limit of 5 Hectares. The lease areas granted prior to 9-9-2013 are not considered for cluster. The same has been certified by the Member Secretary of DEAC who happens to be Senior Geologist.

As per the quarry plan the level difference within the mining area of 4 Acres 20 guntas is 70 meters and taking this into consideration the proposed quantity can be mined safely and scientifically with a quarry pit of depth of 6 meters.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 3.05 KM and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend to SEIAA for issue Environment Clearance with the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.11 Proposed Building Stone Quarry Project at Sy.No.11(P) of Jonnalakunte Village, Chikkaballapura Taluk & Chikkaballapura District (4-00 Acres) ByM/s. Rock Aggregates (SEIAA 24 MIN 2019)

Sl.	1	
	PARTICULARS	INFORMATION
No		INFORMATION

Name & Address of the Project Proponent Name & Address of the Project Proponent Name & Location of the Project Name & Location of the Project Co-ordinates of the Project Site Name & Co-ordinates of the Project Site Name & Codd N. 11P1, Jonnalakunte village, Mandikal Hobli, Chikkaballapura District. Building Stone Quarry over an exten 00 Acres in Govt Revenue Reven Land at Sy No: 11, Jonnalakunte villa Chikkabalapur Taluk, Chikkabalap District Karnataka Latitude: N 13° 36′ 39.7″ Longitude: E 77° 45′ 21.5″	
2 Name & Location of the Project Land at Sy No: 11, Jonnalakunte villa Chikkabalapur Taluk, Chikkabalapur Taluk, Chikkabalapur District Karnataka Latitude: N 13° 36′ 39.7″	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	nue age,
4 Type of Mineral Building Stone Quarry	
New / Expansion / Modification Existing / Renewal	
Type of Land [Forest, 6 Government Revenue, Gomal, Private/Patta, Other] Government Gomala Land	
7 Whether the project site fall within ESZ/ESA No	,
8 Area in Ha 1.618 Ha	•
9 Actual Depth of sand in the lease NA area in case of River sand	
10 Depth of Sand proposed to be removed NA	
Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016 It's a Building Stone Quarry It's a Building Stone Quarry	
Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	
Annual Production Proposed (Metric Tons/ CUM) / Annum 2,00,983 Tons/annum	
Quantity of Topsoil/Over burden in cubic meter Quantity of Topsoil/Over burden area.	
15 Mineral Waste Handled (Metric Tons/ CUM)/ Annum 20,508 Tons	.=
	·· · · -
16 Project Cost (Rs. In Crores) 1.58 crores	-,

	a.	Nearest Forest	Haristala Res	erved Forest – 4.15 km (SE)
!	b.	Nearest Human Habitation		-0.60 Kms(W)
		The state of the s		post and telegraph office,
	c.	Educational Institutes,		hools, police station is
	<u>.</u>	Hospital		nikkaballapura
	d.	Water Bodies		id-2.70 Kms(SW)
	u.	water bodies		nke-3.20 Kms(SE)
	e.	<u> </u>		
F	. Ap	plicability of General		
18		ndition of the EIA		
·		tification, 2006		
19	De	tails of Land Use in Acres		,
	a.	Area for Mining/ Quarrying	2-37	
	b.	Waste Dumping Area/	0-01	
	υ.	Mineral Storage Area		
	c.	Road Area/ Infrastructure	0-02	
	d.	Green Belt Area/Buffer Zone	0-01	
	e.	Unexplored area	1-00	
	f.	Others Specify		
20	Method of Mining/ Quarrying		1	ised Method Open
	-		quarrying	
21		Rate of Replenishment in	NA	\$
22	7.47	case River sand project		
	772	ter Requirement	Deinleine	D 11 C -1
	a.	Source of water		er : Borewell from the
	u.	cource of water	village	sion. Divos Mister
	 		Dust Suppres	sion: River Water 7.5 KLD
·			1	7.5 KLD
	b.	Total Requirement of Water	Suppression Domestic	100 11 D
	~	in KLD	Other	1.89 KLD 0.94 KLD
			Total	8.45 KLD
23	Sto	rm water management plan	boundary of a	constructed along the
	An	y other information specific	NA	cuvity area
24	Į.	he project (Specify)	I NA	
Th	100	ite project (opecity)	L	

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a operating quarry for which EC was issued on 5-5-2015. Since the EC was issued prior to 15-1-2016 the proponent has claimed that he has been exempted from the cluster effect. The total quantity mined till this date will be approximately 1,72,000 tons. The proponent has made out an application to DEIAA for enhancement of the quantity subsequent to which DEAC during its meeting 4-9-2018 has recommended for issual of EC restricting to the quantity to 80% of the proposed quantity of 10,04,918 tons for plan period and further the file has been referred to SEIAA in view of change in policy.

As per quarry plan the level difference within the mining area of 2 acres 37 guntas is 25 meter taking this factor into consideration the total quantity that can be mined further for the plan period of five years taking into consideration nearly 52,000 cum already mined will be 70% of the proposed quantity.

As regards compliance to the earlier EC the proponent has stated that he is regularly filing the compliance to the Regional office, MoEF, GoI. The officials from Regional office have visited on 7-3-2019 and certified compliance is still awaited.

As regards the management of waste the proponent has stated that he will utilise the waste for formation of approach road to a length of 600 meters and also he has stated that he will take up greenery on either side of the approach road as this cannot be taken in the lease area which is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 70% of the proposed quantity and subject to submission of following information to the authority.

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.12 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & District (1-10 Acres) By Sri G.V.Bhanu Prakash (SEIAA 25 MIN 2019)

CI		
51.	PARTICULARS	INFORMATION
No	<u> </u>	

		Sri. G. V. Bhanu Prakash,
1	Name & Address of the Project	S/o. Y. V. Venkatareddy,
	Proponent	Aruru Village & Post, Mandikal Hobli,
ļ		Chikkaballapura District
		Building Stone Quarry over an extent 1-10
Ì		Acres (0.505 Hectares) in Patta Land at Sy.
2	Name & Location of the Project	No. 43 of Chikkanagavalli Village,
		Chikkabalapur taluk, Chikkabalapur district,
		Karnataka
3	Co andinates of the Desire C'	Latitude: N13 ⁰ 36′ 36.6″ to N 13 ⁰ 36′ 36.0″
	Co-ordinates of the Project Site	Longitude:E770 45' 34.3" to E770 45' 34.3"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification	New
	/ Renewal	
6	Type of Land [Forest,	Government Revenue Land
	Government Revenue, Gomal,	
	Private/Patta, Other]	*
7	Whether the project site fall	No
8	within ESZ/ESA	0.505 Ha
	Area in Ha	0.505 Fia
	Actual Donth of gand in the load	NA
9	Actual Depth of sand in the lease area in case of River sand	INA
	Depth of Sand proposed to be	NA
10	removed	
	Rate of replenishment in case of	It's a Building Stone Quarry
11	river sand mining as specified in	
	the sustainable sand mining	
	guideline 2016	
	Measurements of the existing	It's a Fresh Land
12	quarry pits in case of ongoing/expansion/modification	
12	of mining proposals other than	
	river sand	
13	Annual Production Proposed	90,00 Tons/annum
13	(Metric Tons/ CUM) / Annum	
14	Quantity of Topsoil/Over burden	There is no topsoil Available in this area.
	in cubic meter	
15	Mineral Waste Handled (Metric	23,685 Tons
16	Tons/ CUM)/ Annum Project Cost (Rs. In Crores)	4.24 groves
17	Project Cost (Rs. In Crores) Environmental Sensitivity	4.34 crores
-/_	Livi Domicital Delisitivity	

	a.	Nearest Forest	Haristala Rese	rved Forest - 2.60 Kms(S)
	b.	Nearest Human Habitation	Chikkanagava	lli - 1.35 Kms(SW)
		T4	The nearest	post and telegraph office,
	c.	Educational Institutes,	hospital, schools, police station is situated in	
		Hospital	Gudibande.	~
ĺÌ	7	T47 . T9 19	Adegarahalli I	Lake - 1.18 Kms (S)
	d.	Water Bodies		Pond - 1.70 Kms(NW)
	е.	Other Specify		
	Ар	plicability of General		
18		ndition of the EIA		
Ì	No	tification, 2006		
19	De	tails of Land Use in Acres		
	a.	Area for Mining/ Quarrying	0-32	
	b.	Waste Dumping Area		
	c.	Top Soil Storage Area		
	d.	Mineral Storage Area	0-06	
	e.	Infrastructure Area	1 .	
	f.	Road Area ·	0-02	
	g.	Green Belt Area/Buffer Zone	0-10	
	h.	Unexplored area	-	
	i.	Others Specify		- • -
20	N	Method of Mining/ Quarrying	Smi Mechanis	ed Method Open quarrying
21	Rate of Replenishment in case River sand project		Ν̈́A	
21				
22	Wa	ter Requirement		
	a.	Source of water		er : Borewell from the village
	a.	Double of water	Dust Suppress	sion: River Water
		r	Dust	4.5 KLD
		Total Requirement of Water	Suppression	
	Ъ.	Total Requirement of Water in KLD	Domestic	1.5 KLD
		IM KLD	Other	8.98 KLD
			Total	14.98 KLD
23	Sto	rm water management nian	Drains will be constructed along the	
20	Storm water management plan		boundary of a	ctivity area
24	ı	y other information specific	NA	
	to the project (Specify)			

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee

opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster shall be provided and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

218.13 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli village, Chikkaballapura Taluk & District (1-20 Acres) By Smt. M. Jyothi Shet (SEIAA 26 MIN 2019)

Sl.		
No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Smt. M. Jyothi Shet, W/o. C. Guruprasad, No-629, Rajaji Nagar, 2nd Block, Bengaluru, Karnataka
2	Name & Location of the Project	Building Stone Quarry over an extent 1-20 Acres (0.606 Hectares) in Govt Revenue Land at Sy. No. 43 of Chikkanagavalli village, Chikkabalapur Taluk, Chikkabalapur District Karnataka.
3	Co-ordinates of the Project Site	Latitude: N 13° 36′ 17.4″ Longitude: E 77° 45′ 59.8″
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.606 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry

		easurements of the existing	Fresh Area		
	of mining proposals other than river sand				
12					
ļ			1 00 000 FF	,	
13	Annual Production Proposed		1,00,000 Tons/	annum	
	(Metric Tons/ CUM) / Annum				
14	Quantity of Topsoil/Over burden		There is no top	osoil Available in this area	
	in cubic meter		7 0 (0 FF		
15	Mineral Waste Handled (Metric		5,263 Tons		
	Tons/ CUM)/ Annum		1.21		
16	Project Cost (Rs. In Crores)		4.64 crores		
17	Environmental Sensitivity		TT 1.1 T	1.7	
ŀ	a.	Nearest Forest		rved Forest - 4.15 Kms(S)	
	b	Nearest Human Habitation		li Village - 0.80 Kms (S)	
		Educational Institutes,	The nearest post and telegraph office,		
	C.	Hospital	hospital, schools, police station is situated in		
		1	Gudubande.	· · · · · · · · · · · · · · · · · · ·	
		Water Bodies		li Pond - 2.10 kms	
	d.		(SE)		
				Pond - 1.20 Kms(S)	
	e. Other Specify				
10	Applicability of General			·	
18	-	ndition of the EIA			
19		tails of Land Use in Agree			
19	Details of Land Use in Acres		0-35	-	
	a.	Area for Mining/ Quarrying Waste Dumping Area			
		+	0-02		
ļ <u>.</u>	d.	Top Soil Storage Area	0-06		
		Mineral Storage Area			
	e. f.	Infrastructure Area Road Area	0.02		
	-		0-02 0-15		
	g. h.	Green Belt Area/Buffer Zone Unexplored area			
	i.	*			
20	!	Others Specify Method of Mining / Quarrying		sed Method Open quarrying	
	, i	Method of Mining/ Quarrying Rate of Replanishment in	NA NA	sed Method Open quarrying	
21	Rate of Replenishment in		INA		
22	case River sand project Water Requirement				
22	1 7 7 6	ater requirement	Drinking water	er : Borewell from the village	
	a.	Source of water		sion: River Water	
:			Dust	4.5 KLD	
;		Total Requirement of Water in KLD	Suppression	TO KED	
	b.		Domestic	2,00 KLD	
-			Other	3.94 KLD	
` <u>L</u>			Other	J.74 NLD	

		Total	10.44 KLD
23	Storm water management plan	Drains will be constructed along the	
		boundary of activity area	
24	Any other information specific	NA	
	to the project (Specify)		·

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster shall be provided and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

218.14 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli village, Chikkaballapura Taluk & District (1-00 Acres) By Sri R. Bhaskar (SEIAA 27 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. R. Bhaskar, S/o G. C. Raju, No. 182, Anjanapura Village and Post, Uttarahalli Hobli, Bangalore.
2	Name & Location of the Project	Building Stone Quarry over an extent 1-00 Acres (0.4046 Hectares) in Govt Revenue Land at Sy. No. 43 of Chikkanagavalli village, Chikkabalapur Taluk, Chikkabalapur District Karnataka.
3	Co-ordinates of the Project Site	Latitude: N 13° 36′ 13.5″ Longitude: E 77° 46′ 04.6″
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land

7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.4046 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	50,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	There is no topsoil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	2,631 Tons
16	Project Cost (Rs. In Crores).	2.62 crores
17	Environmental Sensitivity	0
	a. Nearest Forest	Haristala Reserved Forest - 3.45kms (S)
ŀ	b. Nearest Human Habitation	Gudibande - 9.40 Kms(NW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande
	d. Water Bodies	Adegarahalli Lake - 1.18 Kms (S) Jonnulakunte Pond - 1.70 Kms(NW)
	e. Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	0-20
	b. Waste Dumping Area	0-02
	c. Top Soil Storage Area	
	d. Mineral Storage Area	0-04
	e. Infrastructure Area	
	f. Road Area	
	g. Green Belt Area/Buffer Zone	0-14
Ŀ	 	27

	h.	Unexplored area			
	i.	Others Specify			
20	N	Method of Mining/ Quarrying	Semi Mechan	ised Method Open quarrying	
21		Rate of Replenishment in case River sand project	NA		
22	Wa	nter Requirement			
	a. Source of water		Drinking water : Borewell from the village Dust Suppression: River Water		
-	b.	Total Requirement of Water in KLD	Dust Suppression	5.5 KLD	
			Domestic	2.5 KLD	
			Other	3.63 KLD	
			Total	11.63 KLD	
23	Storm water management plan		Drains will be boundary of a	e constructed along the	
24		y other information specific he project (Specify)	NA		

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster may be provided and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

218.15 Proposed Building Stone Quarry Project at Sy.No.11 of Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District (2-26 Acres) By Sri Mohan M (SEIAA 28 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Mohan M, No. 212, Mandur Village, Bidarahalli Hobli, Bangalore East,Bangalore-560049 Karnataka.

2	Name & Location of the Project	"Building Stone Quarry" of Sri. Mohan M,at Sy No: 11 , Jonnalakunte Village, Chikkaballapura Taluk, Chikkaballapura District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13º 36′ 46.0″ Longitude:E 77º 45′ 34.2″
4	Type of Project	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No .
8	Area in Ha	1.072 Ha
9	Geological Reserves in ROM	23,68,996 Tons
10	Mineable Reserves in ROM	15,41,124 Tons
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,60,000 tons per annum 5 years
12	Quantity of Topsoil/Over burden in cubic meter	No topsoil Produced as the Area is rocky
13	Mineral Waste Handled (Metric Fons/ CUM)/ Annum	42,105 tons
14	Project Cost (Rs. In Crores)	3.78 crores
15	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest – 4.20 Kms(Se)
	b. Nearest Human Habitation	Jonnalakunte Village - 0.70 Kms(S)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura.
	d. Water Bodies	Jonnalakunte Pond - 0.70 Kms(W)
	e. Other Specify	an an
	Applicability of General	NA .
16	Condition of the EIA	
	Notification, 2006	
17	Details of Land Use in Acres	
-	a. Area for Mining/ Quarrying	1-27
	b. Waste Dumping Area	
	c. Top Soil yard	
	d. Mineral Storage Area	0-02
	e. Infrastructure Area	
<u> </u>	f. Road Area	0-02
	g. Green Belt Area	0-35

	h.	Unexplored area				
	i.	Others Specify				
18	N	Method of Mining/ Quarrying	Semi Mechan	ised Method		
19	Wa	nter Requirement				
<u> </u>	a.	Source of water	Borewell from the village			
			Dust	7.56 KLD		
		Total Requirement of Water	Suppression			
ļ	b.	in KLD	Domestic	1.152 KLD		
		Other	3.658 KLD			
			Total	12.37 KLD		
20	Sto	rm water management plan	Drains will be constructed along the boundary			
	7		of activity area			

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster may be provided and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

218.16 Proposed Building Stone Quarry Project at Sy.No.11 of Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District (3-00 Acres) By Sri Rafi Ahmed N(SEIAA 29 MIN 2019)

Sl. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	Sri. Rafi Ahmed N S/o Nazer Ahmed D.No 133, Anjanapura Village Anjanapura Post, Bangalore-560062.	
2	Name & Location of the Project	Building Stone Quarry over an extent 3-0 Acres (1.214 Hectares) in Govt Revenue Lan	

			Latitude: N 13° 36′ 46.1″
3 Co-ordinates of the Project Site		s of the Project Site	Longitude:E 77° 45′ 30.1″
4	Type of Min	eral	Building Stone Quarry
5		nsion / Modification	New
6	Type of Lan Governmen Private/Pat	t Revenue, Gomal,	Government Revenue Land
グ	Whether the within ESZ/	e project site fall ESA	No
8	Area in Ha		1.214 Ha
9		h of sand in the lease of River sand	NA
10	removed	nd proposed to be	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		It's a Building Stone Quarry
12	quarry pits i	nts of the existing in case of pansion/modification roposals other than	Fresh Land
13	Annual Pro	duction Proposed s/ CUM) / Annum	1,80,000 Tons/annum
14		Topsoil/Over burden	There is no topsoil Available in this area.
15	Mineral Wa Tons/ CUM	ste Handled (Metric I)/ Annum	9,474 Tons
16		(Rs. In Crores)	75.38 crores
17		ntal Sensitivity	
	a. Nearest		Haristala Reserved Forest – 4.10 km (SE)
		st Human Habitation	Gudibande - 9.75 Kms(NW)
	\mathbf{c}	onal Institutes,	The nearest post and telegraph office, hospital,
	Hospita	1	schools, police station is situated in Gudibande Jonnalakunte Pond - 1.00 kms (NW)
	d. Water B	odies	Adegerahalli Pond - 1.65 Kms(S)
	e. Other S	pecify	
	Applicabilit	y of General	
18	Condition of		
	Notification		
19	Details of L	and Use in Acres	

	a.	Area for Mining/ Quarrying	2-05		
	b.	Waste Dumping Area .	 .	·	
	c.	Top Soil Storage Area		•	
	d.	Mineral Storage Area	0-03		
	e.	Infrastructure Area			
	f.	Road Area	0-02		
	g.	Green Belt Area/Buffer Zone	0-30		
	h.	Unexplored area			
	i.	Others Specify		·	
20	N	Method of Mining/ Quarrying	Semi Mechan	ised Method Open quarrying	
21	Rate of Replenishment in		NA		
	<u></u>	case River sand project			
22	Wa	ter Requirement			
	a. '	Source of water	Drinking water : Borewell from the village		
	<u></u>	boarce of water	Dust Suppression: River Water		
			Dust	5.5 KLD	
		Total Requirement of Water in KLD	Suppression		
	b.		Domestic	3.0 KLD	
			Other	4.12 KLD	
			Total	12.62 KLD	
23	Storm water management plan			constructed along the	
			boundary of a	ctivity area	
24		y other information specific	NA		
L	to the project (Specify)				

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee opined that the extended cluster map indicating the number of leases within the 500 meter radius from the edge of outermost quarry lease forming the cluster shall be provided and in the absence of which the committee could not proceed further and hence the committee deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

218.17 Proposed Building Stone Quarry Project at Sy.No.25(P) of Kantarlahalli Village, Gudibande Taluk & Chikkaballapura District (2-20 Acres) (QL No.45) By M/s SLN Enterprises (SEIAA 30 MIN 2019)

Sl. Na	PARTICULARS	··· INFORMATION
1	Name & Address of the Project Proponent	M/s SLN Enterprises, Represented by: Sri Madhusudhan Reddy, S/o Late Narayana Reddy, # 321, 1st main, 1st Cross, Pallakkamma Nagar, Chikkajala 2nd Block Chikkajala, Bangalore Karnataka-576101
2	Name & Location of the Project	"Building Stone Quarry" over an extent of 2-20 Acres at Sy. No. 25(P), Kantarlahalli Village, Gudibande Taluk, Chikkabalapura District, Karnataka.
3	Co-ordinates of the Project Site	Latitude: N 13° 40′15.7″ Longitude:E 77° 44′17.0″
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL 45)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.011 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	Iťs a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	831MSL
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,01,441 tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	There is no top soil Available in this area.
15	Mineral Waste Handled (Metric	26524 Tons

	To	ons/ CUM)/ Annum			
16	7	oject Cost (Rs. In Crores)	4.83 crores		
17	En	vironmental Sensitivity	, '		
	a.	Nearest Forest	Beechaganah (NE)	ally Reserved Forest - 4.43 kms	
ļ	b.	Nearest Human Habitation	Gudibanda -	3.85 (SW)	
:	c. Educational Institutes, Hospital			oost and telegraph office, hospital,	
	d.	Water Bodies	Gudubanda I	Lake - 1.2 Kms (SW)	
	e.	Other Specify			
18	Co	oplicability of General and ition of the EIA	NA		
[otification, 2006			
19	De	tails of Land Use in Acres			
	a. Area for Mining/ Quarrying b. Waste Dumping Area/		1-27		
			0-03+0-03		
	c. Road Area / Infrastructure				
 	d.	Road Area/ Infrastructure Green Belt Area/Buffer Zone			
 	e.	Unexplored area	0-25		
<u> </u>	f.	Others Specify			
20		Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying		
	1,	Rate of Replenishment in	NA		
21		case River sand project	INA		
22	Wa	iter Requirement			
			Drinking wat	er : Borewell from the village	
	a.	Source of water		sion: River Water	
			Dust	8 KLD	
		Total Paguinam and of TATA	Suppression		
	Ъ.	Total Requirement of Water in KLD	Domestic	0.72 KLD	
			Other	3.5 KLD	
			Total	12.22 KLD	
23	Sto	rm water management plan	Drains will be boundary of a	constructed along the	
24		y other information specific he project (Specify)	NA		
	L	ne project (opecity)	<u> </u>		

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

• The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and

clarification/additional information provided during the meeting. The committee noted that the lease for the mining was earlier granted in 2009 for five years and which ended in the year 2014 during this period the proponent has stated that he has mined 2,500 tons and mining activity was taken up before 9-9-2013. The renewal notification for the same was issued on 27-5-2016 and subsequently he has applied for grant of EC to DEIAA on 6-8-2016. The DEAC has taken up appraisal during its meeting dated:18-4-2017 and recommend for issual of EC. The DEIAA during its meeting held on 20-7-2017 sent back the proposal to DEAC to appraise afresh in view of the four queries raised by DEIAA the main issue was about the cluster effect. The DEAC appraised the proposal during its meeting held on 4-9-2018 and re-recommended for issue of EC and the DEAC has based its recommendation on the fact that since this lease has been leased prior to 9-9-2013, it is exempted from cluster effect. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As per the quarry plan the level difference within the mining area of 1 Acre 27 guntas is 8 meters and taking this into consideration the proposed quantity that can be mined safely and scientifically with a quarry pit of depth of 12 meters will be 50% of total proposed quantity.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 800 meters and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 50% of the proposed quantity.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.18 Proposed Building Stone Quarry Project at Sy.No.178/1(P) of Palli Village, Karkala Taluk & Udupi District (1-00 Acres) By Sri Niranjan Hegde (SEIAA 31 MIN 2019)

Sl.	PARTICULARS	INFORMATION	ĺ
No			

1	L	ne & Address of the · · ect Proponent	Sri.Niranjan Hegde, Vanadurga Krupa, Manjarbettu Yadthadi post, Karkala Taluk, Udupi Dist, Karnataka.			
2	Nam Proje	e & Location of the	Palli Building stone quarry. palli Village Karkala Taluk, Udupi District.			
2	C		Corner Pillar No.	Latitude	Longitude	
3	Co-o	rdinates of the Project Site	A	N 13º13'54.1"	E 74º53'18.5"	
			B	N 13º′13 53.0″	E 74º53'14.6"	
			<u>C</u>	N 13º13′54.2″	E 74º53'14.5"	
		72-1	D	N 13º13'55.0"	E 74º53'18.6"	
4	Type	of Mineral	Building	Stone.		
5		/ Expansion / ification / Renewal	New.			
6	Gove	of Land [Forest, ernment Revenue, Gomal, te/Patta, Other]	, Govt Land.			
7		lær the project site fall n ESZ/ESA	No			
8	Area	in Ha	0.4 Ha			
9	stone	al Depth of building in the lease area /Patta building stone		building stone in m top level).	govt land -	
10		n of building stone osed to be removed	Depth of	building stone pr	oposed-10mt	
11	1	al Production Proposed ic Tons/ CUM) / m	22844 TP	A		
12	1	tity of Topsoil/Over en in cubic meter	Waste-120	02 TPA	- 1	
13		ral Waste Handled ic Tons/ CUM)/ Annum	Nil			
14		et Cost (Rs. In Crores)	10 Lakh			
15		onmental Sensitivity				
	a.	Nearest Forest Near Pilarkan Village -5.5km				
	b.	Nearest Human Habitation	Palli-2.2km			
	c.	Educational Institutes,	al Institutes, Karkala-12km			

		Hospital		
_	d.	Water Bodies .	Suda Hole-3.3	km .
	e.	Other Specify	Nil	
	Appli	cability of General		,
16	Condi	tion of the EIA		
	Notifi	cation, 2006		
17	Detail	s of Land Use in A-G		
	a.	Area for Mining/	0-22	•
	с.,	Quarrying		
	b.	Waste Dumping Area		
	С.	Top Soil Storage Area		
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
ļ. 	f.	Road Area	0-01	
	g.	Green Belt Area		
ĺ.	h.	Others Specify Safety	0-17	
	11.	Zone		
		Total	1.00 Acre (0.40	
18		od of Mining/ Quarrying	Seıni Mechani	sed Quarrying
19	Water	Requirement		
	a.	Source of water		culture Borwell.
			Dust	6.0
		Total Requirement of	Suppuration	
l	b.	Water in KLD	Domestic	0.5
		Trucci III INDD	Other	1.0
			Total	7.5
20		water management		
L	plan			

The Proponent and Environment Consultant attended the meeting to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the mining area after leaving 7.5 meter buffer zone all round comes to 23 guntas. The level difference within the mining area is 11 meters. Taking these factors into consideration only 80% of the proposed of 1,14,220 tons for a plan period of five years can be mined scientifically and safely.

The proponent has stated that the approach road to the quarry for a length of 500 meters runs along the existing cart track/mud road and he has stated that after 500

meters it connects to all weather black topped road. The proponent has also stated that there is one more quarry within the 500 meter radius from this quarry and total area of these two quarries is 2 Acres and less than the threshold limit of 5 hectares. Hence this project has been appraised categorizing it under B2 category.

The lease was granted during the year 2006 for ten years. The mining has been commenced during the year 2014-15 only. The quantity mined during the year 2014-15 is 50,000 tons and the proponent has applied for EC and obtained the same during the year march 2015 and continued with mining till date. The proponent has made out an application to DEIAA for enhancement of the quantity on 5-1-2017. The DEAC in its meeting held on 18-4-2017 recommended for issue of EC. But the authority sent back the proposal to DEAC directing it to reappraise in view of the Notification issued about the cluster effect. The DEAC during its meeting on 4-9-2018 considering the points raised by DEIAA has recommended for issue of EC stating that this lease area has not been mandated to consider for the cluster effect since the same has been granted prior to 9-9-2013. The same has been certified by the Member Secretary of DEAC who happens to be Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As regards compliance to the earlier EC the proponent has stated that he is regularly filing compliance reports and MoEF& CC, GoI, Regional officer visited on 7-3-2019 and certified copy is yet to be received.

The proponent has also stated that there is a combined boundary on three sides of the mining lease, hence for which he has not left any buffer zone in the common boundary and the same has been approved by the DMG and DGMS.

As per the quarry plan the level difference within the mining area of 5 Acre 18 guntas is 30 meters and taking this into consideration the proposed quantity can be mined safely and scientifically.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 2.4 KM and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend the proposal to SEIAA for issue Environment Clearance subject to submission of the following information to the authority

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The committee also imposed following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.19 Proposed Building Stone Quarry Project at Sy.No.11(P) of Janalukunte Village, Chikkaballapura Taluk & District (3-20 Acres) (QL. No.703) By M/s. Pyramid Granites (SEIAA 32 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Pyramid Granites. Sri. Bhawarlal Vejraj Bohra, Managing Partner, No. 612, Kalash, 10th C Main Road, Next Universal Academy, Jayanagar, Bangalore-11
2	Name & Location of the Project	Building Stone Quarry over an extent 6-00 Acres (2.42 Hectares) in Government Land at Sy. No. 11(P) of Janalukunte Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13 ⁰ 36′ 38.7″ Longitude:E77 ⁰ 45′ 56.1″
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal(QL No.703)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No .
8	Area in Ha	2.428 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in	It's a Building Stone Quarry

	th	e sustainable sand mining	
•	gt	iideline 2016].
	M	easurements of the existing	925.15m Existing Pit Level.
	quarry pits in case of		
12	on	going/expansion/modification	
		mining proposals other than	
<u>. </u>		ver sand	
13		nnual Production Proposed	2,88,325 Tons/annum
15		letric Tons/ CUM) / Annum	
14		uantity of Topsoil/Over burden	21,800 cubic meter
		cubic meter	
15		ineral Waste Handled (Metric	75,875 Tons
	$\overline{}$	ns/ CUM)/ Annum	
16		oject Cost (Rs. In Crores)	11.01 crores
17	-	vironmental Sensitivity	
	—	Nearest Forest	Haristala Reserved Forest - 3.90 Kms(S)
ĺ	b.	Nearest Human Habitation	Janalukunte Village - 0.80 Kms (W)
		Educational Institutes,	The nearest post and telegraph office, hospital,
,	c.	Hospital	schools, police station is situated in
		F	Gudubande.
			Adegarahalli Pond – 1.80 Km (S)
	d.	Water Bodies	Avalanagehalli Pond - 3.20 Kms(S)
ŀ	<u> </u>		Balaganahalli Pond - 4.00 Kms(SE)
	e.	Other Specify	
18	Applicability of General Condition of the EIA		
10	i	— · · · ·	
19		tification, 2006 tails of Land Use in Acres	
19			F 40
	a.	Area for Mining/ Quarrying	5-18
		Waste Dumping Area	0-03
	c. d.	Top Soil Storage Area	0.00
	e.	Mineral Storage Area Infrastructure Area	0-03
	f.	Road Area	0.04
	 		0-04
<u> </u>	g. h.	Green Belt Area/Buffer Zone Unexplored area	0-12
	i.	Others Specify	
20			
- 40	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying
21	/ I I		NA
22	case River sand project Water Requirement		
	2 water requirement		Drinking verstors a Romanus II (11 11
	a.	Source of water	Drinking water: Borewell from the village
		Total Requirement of Water	Dust Suppression: River Water Dust 6.5 KLD
	b.	in KLD	
i		ALL THE	Suppression

		Domestic	2.15 KLD
		Other.	5.06 ĶLD
		Total	13.71 KLD
23	Storm water management plan	Drains will l	be constructed along the
	Storm water management plan	boundary of	f activity area
24	Any other information specific	NA	
Z 1	to the project (Specify)		

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. noted that the lease for the same was granted during the year 2006 for ten years. The mining has been commenced during the year 2014-15 only. The quantity mined during the year 2014-15 is 50,000 tons and the proponent has applied for EC and obtained the same during the year march 2015 and continued with mining till date. The proponent has made out an application to DEIAA for enhancement of the quantity on 5-1-2017. The DEAC in its meeting held on 18-4-2017 recommended for issue of EC. But the authority sent back the proposal to DEAC directing it to reappraise in view of the Notification issued about the cluster effect. The DEAC during its meeting on 4-9-2018 considering the points raised by DEIAA has recommended for issue of EC stating that this lease area has not been mandated to consider for the cluster effect since the same has been granted prior to 9-9-2013. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As regards compliance to the earlier EC the proponent has stated that he is regularly filing compliance reports and MoEF& CC, GoI, Regional officer on 7-3-2019 and certified copy is yet to be received.

The proponent has also stated that there is a combined boundary on three sides of the mining lease, hence for which he has not left any buffer zone in the common boundary and the same has been approved by the DMG and DGMS.

As per the quarry plan the level difference within the mining is 30 meters and taking this into consideration the proposed quantity can be mined safely and scientifically.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 2.4 KM and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend the proposal to SEIAA to issue Environment Clearance subject to submission of following information to the authority.

- 1) Quarry audit report indicating the quantities mined.
- 2) Certified copy of the EC compliance.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.20 Proposed Building Stone Quarry Project in Government Gomala Land - Q.L.No.46 at Sy.No.25(P) of Kantarlahalli Village, Gudibande Taluk & Chikkaballapura District (5-00 Acres) By M/s. S.L.N. Enterprises (SEIAA 33 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. S.L.N. Enterprises, Madhusudhan Reddy (Managing Partner). No.321. 1st Main. 1st Cross, Pallakkammanagara,2nd Block.Chikkajaala, Bengaluru North.
2	Name & Location of the Project	"Building Stone Quarry" over an extent of 5-00 Acres at Sy. No. 25(P), Kantarlahalli Village, Gudibande Taluk, Chikkabalapura District, Karnataka.
3	Co-ordinates of the Project Site	Latitude: N 13° 40′20.6″ Longitude: E 77° 44′30.1″
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL 46)

	Ty	pe of Land [Forest,	Government Gomala Land
6.	l	wernment Revenue, Gomal,	
	P11	vate/Patta, Other]	
7	i	nether the project site fall	No
	wit	thin ESZ/ESA	
8	Ar	ea in Ha	1.011 Ha
9		tual Depth of sand in the lease	NA
		ea in case of River sand pth of Sand proposed to be	NA
10		moved .	INA
		te of replenishment in case of	It's a Building Stone Quarry
11		er sand mining as specified in	
	•	e sustainable sand mining ideline 2016	
		easurements of the existing	817.5MSL
	-	arry pits in case of	·
12		going/expansion/modification	
		mining proposals other than er sand	
		nual Production Proposed	2,65,838 tons/annum
13		etric Tons/ CUM) / Annum	
14		antity of Topsoil/Over burden	There is no top soil Available in this area.
		cubic meter	, COOFF T
15		neral Waste Handled (Metric ns/ CUM)/ Annum	69955 Tons
16		oject Cost (Rs. In Crores)	3.77 crores
17		vironmental Sensitivity	
	a.	Nearest Forest	Beechaganahally Reserved Forest - 4.00 kms
	b.	Nearest Human Habitation	(NE) Gudibanda - 3.3 (W)
		,	The nearest post and telegraph office, hospital,
j	c.	Educational Institutes, Hospital	schools, police station is situated in
		<u> </u>	Varalakonda
	d.	Water Bodies	Gudubanda Lake - 1.6 Kms (SW)
ı	e.	Other Specify plicability of General	NA
18		ndition of the EIA	INA
		etification, 2006	
19		tails of Land Use in Acres	
	a.	Area for Mining/ Quarrying	3-30
	b.	Waste Dumping Area/	0-05+0-05
	. D.	Mineral Storage Area	
r 1	c.	Road Area/ Infrastructure	0-04

	d.	Green Belt Area/Buffer Zone	0-36	
	e.	Unexplored area		
	f.	Others Specify	-~	
20	N	Method of Mining/ Quarrying	Semi Mechan	ised Method Open quarrying
21		Rate of Replenishment in	NA	
21		case River sand project		•
22	Wa	ter Requirement		
	a.	Source of water	Drinking wate	er : Borewell from the village
	u.	Bource of water	Dust Suppress	sion: River Water
		·	Dust	8 KLD
		Total Requirement of Water	Suppression	
Ì	b.	b. in KLD	Domestic	1.125 KLD
		III NED	Other	3.995 KLD
<u> </u>			Total	13.12 KLD
23	23 Storm water management plan		Drains will be	constructed along the
	Ů I		boundary of a	ctivity area
24	Any other information specific		NA	
	to the project (Specify)			· · · · · · · · · · · · · · · · · · ·

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. noted that Initial lease was granted during the year 2009 and it was valid upto 2014. The renewal application was made out in the year 2014 and renewal notification was issued on 27-5-2016 and is valid upto 2029. The mining was carried out between the year 2011-2013 and total quantity mined was 3,500 tons. The mining has not been started since then till this date. The proponent has made out an application for issue of EC on 6-8-2016 to DEIAA. The DEAC committee has appraised the projects during its meeting 18-4-2017 and recommended for issue of EC. The DEIAA during its meeting on 20-7-2017 sent back the file to DEAC to reappraise in the light of NGT order issued regarding cluster effect. The DEAC during its meeting on 4-9-2018 recommended the proposal for issue of EC and the DEAC has based its recommendation on the fact that since this lease has been leased prior to 9-9-2013, it is exempted from cluster effect. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As per the quarry plan the level difference within the mining area of 3 Acre 30 guntas is 6 meters and taking this into consideration the proposed quantity can be mined safely and scientifically with a quarry pit of depth of 15 meters will be 50% of total proposed quantity.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 800 meters and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 50% of the proposed quantity.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.21 Proposed Building Stone (M-Sand) Quarry Project in Government Revenue Land - Q.L.No.701 at Sy.No.11(P) of Jonnalakunte Village, Chikkaballapura Taluk & Chikkaballapura District (3-20 Acres) By M/s. Paramount Minerals (SEIAA 34 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Paramount Minerals. Sri. Bhawarlal Vejraj Bohra, Managing Partner, No. 612, Kalash, 10th C Main Road, Next Universal Academy, Jayanagar, Bangalore-11.
2	Name & Location of the Project	Building Stone Quarry over an extent 3-20 Acres in Government Land at Sy. No. 11(P) of Janalukunte Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13 ⁰ 36′ 41.7″ Longitude:E77 ⁰ 45′ 48.5″
4	Type of Mineral	Building Stone Quarry

5	New / Expansion / Modification / Renewal	Renewal(QL No.701)
F	Type of Land [Forest,	Covernment D.
6	Government Revenue, Gomal,	Government Revenue Land
	Private/Patta, Other]	
-		DT.
7	Whether the project site fall	No
-	within ESZ/ESA	
8	A	1.416 Ha
	Area in Ha	1,410110
9	Actual Depth of sand in the lease	NA
9	area in case of River sand	
10	Depth of Sand proposed to be	NA
10	removed	
	Rate of replenishment in case of	It's a Building Stone Quarry
	river sand mining as specified in	Les a banding storie Quarry
11	the sustainable sand mining	
	guideline 2016	
<u> </u>	Measurements of the existing	025 4 m Tricking Dit I 1
	quarry pits in case of	925.4 m Existing Pit Level.
12	ongoing/expansion/modification	
~~	of mining proposals other than	··.
;	river sand	
	Annual Production Proposed	1.00 700 77
13	(Metric Tons/ CUM) / Annum	1,00,700 Tons/annum
		11.100
14	Quantity of Topsoil/Over burden in cubic meter	11,100 cubic meter
	· · · · · · · · · · · · · · · · · · ·	0 / H00 / H
15	Mineral Waste Handled (Metric	26,500 Tons
16	Tons/ CUM)/ Annum	
16	Project Cost (Rs. In Crores)	5.69 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest - 3.92 Kms(S)
	b. Nearest Human Habitation	Janalukunte Village - 0.75 Kms (W)
	Educational Institutes,	The nearest post and telegraph office, hospital,
	c. Hospital	schools, police station is situated in
	1200 p.t	Gudubande.
: 1	d. Water Bodies	Mandikal Pond - 3.50 Kms(W)
•		Balaganahalli Pond - 3.70 Kms(SE)
	e. Other Specify	
	Applicability of General	
18	Condition of the EIA	
	Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	2-30
	b. Waste Dumping Area	0-03
		56

			F	
	C.	Top Soil Storage Area		
	d	Mineral Storage Area	0-03 .	
	e.	Infrastructure Area		
	f.	Road Area	0-03	
	g.	Green Belt Area/Buffer Zone	0-21	
	h.	Unexplored area		
	i.	Others Specify.		
20	N	Nethod of Mining/ Quarrying	Semi Mechani	sed Method Open quarrying
21		Rate of Replenishment in	NA	
21		case River sand project		
22	Wa	iter Requirement		
	a.	Source of water	Drinking wate	er : Borewell from the village
	d.	Source of water	Dust Suppress	sion: River Water
			Dust	7.5 KLD
		Total Decision of C Markey	Suppression	
	b.	Total Requirement of Water in KLD	Domestic	2.15 KLD
		in KLD	Other	3.79 KLD
			Total	13.44 KLD
22	23 Storin water management plan		Drains will be	constructed along the
23			boundary of a	ctivity area
24	An	y other information specific	NA	•
24	to	the project (Specify)		
24	ı	· .		cuvity alea

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease was granted on 5-1-2006 and lease was expired on 2016. The mining was carried out between 2012 to 2015 and mining was discontinued from April 2015. The proponent has made out an application for issue of EC to SEIAA on 12-2-2015 and considering this as a cluster, SEAC has appraised for issue of ToR and recommended accordingly. As per the MoEF Notification dated:1-7-2016 exempting the guarry leases leased prior to 9-9-2013 from inclusion in the cluster the proponent has made out an application to DEIAA for issue of EC considering this as an individual proposal rather than as a cluster proposal. The DEAC during its meeting held on 18-4-2017 has recommended for issue of EC and DEIAA in its meeting held on 20-7-2017 has referred back the file directing the DEAC to reappraise in the light of the NGT order issued pertaining to cluster effect. The DEAC during its meeting on 4-9-2018 has appraised and recommended the proposal for issue of EC and the DEAC has based its recommendation on the fact that since this lease has been leased prior to 9-9-2013, it is exempted from cluster effect. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As per the quarry plan the quantity mined already is about 2,20,000 cum and the proposed quantity for the plan period of five years is another 2,00,000 cum. The area of the mining is 2 Acres 30 guntas. The level difference within the mining area is 45 meters, taking this into consideration the total quantity that can be mined safely and scientifically to a depth of 12 meter below the lowest level will be 80% of the proposed quantity. The proponent has also stated that there is a combined boundary on two sides of the mining lease, hence for which he has not left any buffer zone in the common boundary and the same has been approved by the DMG and DGMS.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 80% of the proposed quantity.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.22 Proposed Building Stone Quarry Project in Govt. Revenue Land at Sy.No.11(P) of Janalukunte village, Chikkaballapura Taluk & Chikkaballapura District (5-00 Acres) (Q.L.No.702) By M/s. Y. S. Minerals (SEIAA 35 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Bhawarlal Vejraj Bohra Managing Partner M/s. Y S Minerals No. 612, Kalash, 10th C Main road, Next to Universal Academy, 4th Block, Jayanagar, Bengaluru – 11.
2	Name & Location of the Project	Building Stone Quarry over an extent 5-00 Acres in Government Land at Sy. No. 11(P) of Janalukunte Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13º 36' 39.0" Longitude:E77º 45' 48.3"

$oxed{4}$	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal(QL No.702)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	2.023 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,28,475 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	12,100 cubic meter
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	60,125 Tons
16	Project Cost (Rs. In Crores)	9.08 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest - 3.80 Kms(S)
	b. Nearest Human Habitation	Janalukunte Village - 0.75 Kms (W)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande.
	d. Water Bodies	Kamaganapalli Pond – 2.7 Km (SE) Mandikal Pond - 3.70 Kms(W) Balaganahalli Pond - 3.50 Kms(SE)
	e. Other Specify	
18	Applicability of General Condition of the EIA	
L	Notification, 2006	

19	De	etails of Land Use in Acres						
	a.	Area for Mining/ Quarrying	4-07					
	b.	Waste Dumping Area	0-03	•				
,	c.	Top Soil Storage Area						
	d.	Mineral Storage Area	0-03					
<u></u>	e.	Infrastructure Area						
	f.	Road Area	0-03					
<u> </u>	g.	Green Belt Area/Buffer Zone	0-24					
	h.	Unexplored area						
	i.	Others Specify						
20	N	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying					
21		Rate of Replenishment in	NA					
		case River sand project						
22	Wa	nter Requirement						
	a.	Source of water		er : Borewell from the village sion: River Water				
			Dust	7.5 KLD				
		Total Requirement of Water	Suppression					
	b.	in KLD	Domestic	1.58 KLD				
			Other	3.5 KLD				
			Total	13.58 KLD				
23	Sto	rm water management plan	Drains will be constructed along the					
			boundary of a	ctivity area				
24		y other information specific	NA					
		the project (Specify)	.1					

The Proponent and Environment Consultant attended the 218^{th} meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease was granted on 5-1-2006 and lease was expired on 2016. The mining has not been carried out till date. The proponent has made out an application for issue of EC to SEIAA on 29-10-2014 and considering this as a cluster, SEAC has appraised for issue of ToR and recommended accordingly. As per the MoEF Notification dated:1-7-2016 exempting the quarry leases leased prior to 9-9-2013 from inclusion in the cluster, the proponent has made out an application to DEIAA for issue of EC considering this as an individual proposal rather than as a cluster proposal. The DEAC during its meeting held on 18-4-2017 has recommended for issue of EC and DEIAA in its meeting held on 20-7-2017 has referred back the file directing the DEAC to

reappraise in the light of the NGT order issued pertaining to cluster effect. The DEAC during its meeting on 4-9-2018 has appraised and recommended the proposal for issue of EC and the DEAC has based its recommendation on the fact that since this lease has been leased prior to 9-9-2013 it is exempted from cluster effect. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in policy this proposal has been forwarded to SEIAA.

As per the quarry plan the area of mining is 4 Acres 7 guntas and the level difference within the mining area is 36 meters and taking this into consideration the total quantity proposed can be mined safely and scientifically. The proponent has also stated that there is a combined boundary on one side of the mining lease, hence for which he has not left any buffer zone in the common boundary and the same has been approved by the DMG and DGMS.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 2500 meters and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend the proposal to SEIAA to issue Environment Clearance subject to submission of Quarry audit report indicating the quantities already mined may be furnished.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.23 Proposed Building Stone Quarry Project in Govt. Revenue Land at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk & Chikkaballapura District (5-00 Acres) By M/s Sri Sai Enterprises (SEIAA 36 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Sri. Sai Enterprises, No.152-F Bhavani Nivas, 4th Main road, Bikasipura, ISRO Layout, Bangalore-560 061

.2	Name & Location of the Project	Building Stone Quarry over an extent 5-00 Acres in Government Land at Sy. No. 39 of Kanivenarayanapura Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13º 24' 28.6" Longitude:E77º 40' 19.2"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing (QL No .190)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No .
8	Area in Ha	2.023 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	ŅA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	1034.17 m Existing Pit Level.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,64,636 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil is not available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	27,003 Tons
16	Project Cost (Rs. In Crores)	5.11 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Narsimhadevarabetta Reserved Forest – 0.600 Kms(NW)
	b. Nearest Human Habitation	Kanivenarayanapura-0.60 Kms (S)
	c. Educational Institutes,	The nearest post and telegraph office, hospital,

		Hospital	schools, pol Chikkaballapi	ice station is situated in	
,	d.	Water Bodies	<u> </u>	i Pond -1.70 Kms	
	e.	Other Specify	-~		
		oplicability of General			
18	Co	ondition of the EIA			
	No	otification, 2006			
19	De	etails of Land Use in Acres			
•	a.	Area for Mining/ Quarrying	4-00		
٠.	b.	Waste Dumping Area	0-01		
r	c.	Top Soil Storage Area			
	d.	Mineral Storage Area			
	e.	Infrastructure Area	0-01		
	f.	Road Area	0-04		
	g.	Green Belt Area/Buffer Zone	0-34		
	h,	Unexplored area			
	i.	Others Specify	ecify		
20	1	Method of Mining/ Quarrying	Semi Mechani	sed Method Open quarrying	
21		Rate of Replenishment in case River sand project	NA		
22	W	ater Requirement			
	a.	Source of water	Drinking wat	er : Borewell from the village	
	a.	Source of water	Dust Suppres	sion: River Water	
			Dust	7.5 KLD	
		Total Requirement of Water	Suppression		
<u> </u> 	b.	in KLD	Domestic	2.15 KLD	
			Other	3.41 KLD	
			Total	13.03 KLD	
23	Str	orm water management plan		constructed along the	
20.			boundary of a	ctivity area	
24		ny other information specific	NA		
	to the project (Specify)				

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this proposal was granted earlier in 2011 and is valid upto 2021. The proponent has stated that he has carried out mining upto June 2015 i.e., within the mandated time period given to obtain EC for all the minor minerals as per Hon'ble NGT order and he has not carried out any mining after this mandated period and the

same has been certified by the DMG. The proponent has made out an application for issue of EC to the DEIAA and DEAC was appraised on 4-9-2018 and recommended for issue of EC subject to final outcome of the proposal sent to Govt for declaration of ecosensitive zone from district administration. In the meantime, DCF, Chikkaballapur Division has certified in his letter dated: 4-1-2019 that this lease area is 100 meters from Nandi Giridhama and recommended that the lessee M/s. Sri Sai Enterprises may be permitted to take up mining subject to the decision to be taken up by the Govt. regarding declaring the sensitive zone and any future judgements from the Hon'ble NGT/Hon'ble supreme court. Due to the change in the policy now this proposal has been transferred to SEIAA.

As per the quarry plan the area of mining is 4 Acres and the level difference within the mining area is 14 meters taking this into consideration the total quantity that can be mined safely and scientifically will be 60% of the proposed quantity.

As regard the handling of 2% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 600 meters and he has also stated that he will take up greenery in the buffer zone within the lease area since there is an average 0.5 meter depth of top soil

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 60% of the proposed quantity.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.24 Proposed Building Stone Quarry Project in Government Gomala Land - Q.L.No.991 at Sy.No.25 of Bennahalli Village, Ramangar Taluk, Ramanagara District (4-00 Acres) By M/s. Manjunatha Stone Crushers(SEIAA 37 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Manjunatha Stone Crusher #62, 19th Cross, K R Layout J P Nagar 6th Stage, Bengaluru – 560 078



2	Name & Location of the Project	Building Stone Quarry of- M/s Manjunatha Stone Crusher Extent of 4-00 acre Sy. No -25, Bennahalli Village, RamanagarTaluk and District, Karnataka.
3	Co-ordinates of the Project Site	P.No. Latitude Longitude Boundary point-A N 12°42′58.6″ E 77°22′16.7′ Boundary point-B N 12°42′51.2″ E 77°22′18.0′ Boundary point-C N 12°42′50.9″ E 77°22′15.7″ Boundary point-D N 12°42′58.1″ E 77°22′14.5″
4	Type of Mineral	Building Stone.
5	New / Expansion / Modification / Renewal	Existing.
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land.
7	Whether the project site fall within ESZ/ESA	
8	Area in Ha	4-00 acres
9	Actual Depth of sand in the lease area in case of River sand	-
10	Depth of Sand proposed to be removed	-
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Year Saleable Building Stone in Million Tonnes 1st 1,95,177 2nd 1,72,818 3rd 1,38,229 4th 1,36,700 5th 1,03,704 Total 7,46,628
12	Quantity of Topsoil/Over burden in cubic meter	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3983 tons/annum

14	Pr	oject Cost ()	Rs) 25 lakhs.			
15	Er	nvironmenta	ıl Sensitivity			
	a.	Nearest Forest				
	b.	Nearest Human Habitation		the proposed lease area	•	
	c.	Education Institutes, Hospital	al Ramanagara9.3 km fro	m the proposed lease are	ea.	
	d.	Water Bodies				
	e.	Other Specify	-			
16	Ge	oplicability eneral ondition	of of IA			
107	No 200	otification, 06		•		
17	De		d Use in Ha			
	ľ	Sl. No		Area in Acres	Area in Gunt	
		1	Quarry workings	2.40	96	
	æ	2	Waste dump yard	0.10	4	
	3		Roads	0.05	· 2	
		4	Mineral storage	0.20	8	
		5	Buffer zone	1.15	46	
		6	Top soil storage	0.05	2	
		7	Infrastructure	0.05	2	
			Total	4.00	160	
18	Mi	ethod of ning/ arrying	Method of Mining is Sem: The mining operation inv	i-Mechanized with Oper olves drilling, loading a	n Cast Method.	
19	Water Requirement					
	a.	Source of water	Bore well is the source borrowed from nearby About 5.0 KL/day of w	As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 5.0 KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc.		
		Total	Dust Suppuration	1.5	COMMON CIC.	
	1	Requireme		2.0		
	Ъ.	nt of Wate		1.5		
		in KLD	Total	2.0		
				2.0		

	Storm water		, , , , , , , , , , , , , , , , , , , ,			
20	managemen t plan	, .			•	

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that as per the proponent's statement, the Bennahalli village of Ramanagartaluk wherein this quarry is located is situated at the distance of 16.9 KM from BannerghattaNational Park, 7 KM from Ramdevarabetta and 32.6 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned it has not yet been notified, hence by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated in any eco-sensitive zone. However no certificate from the Wild life Authority is forthcoming.

The quarry lease for this proposal has been granted in the year 2002 and it is periodically been extended and is valid upto 2022. Based on this the proponent has claimed exemption from the cluster effect. The proponent has also furnished combined sketch of the existing 10 number of quarry leases within the 500 meter radius from the lease and all of these leases are granted prior to 9-9-2013. Hence all quarries get exempted from the cluster effect.

The proponent has stated that he has operated the mine from 2002 to 2005 when the EC was not mandated and after 2005 no mining activity has been carried out till date.

As seen from the quarry plan the level difference within the mining area is 25 meters and taking this factor into consideration the quantity that can be mined scientifically and safely with a quarry pit depth of 12 meters will be 75% of the proposed quantity.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The committee also imposed the following conditions:

1. Safe drinking water has to be provided at the quarry site.

- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.25 Proposed Building Stone Quarry Project in Government Gomala Land - Q.L.No.992 at Sy.No.25 of Bennahalli Village, Ramangar Taluk, Ramanagara District (2-00 Acres) By M/s. Manjunatha Stone Crushers (SEIAA 38 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Manjunatha Stone Crusher #62, 19th Cross, K R Layout J P Nagar 6th Stage, Bengaluru – 560 078
2	Name & Location of the Project	Building Stone Quarry of- M/s Manjunatha Stone Crusher Extent of 2-00 acre Sy. No -25, Bennahalli Village, RamanagarTaluk and District, Karnataka.
3	Co-ordinates of the Project Site	P.No. Latitude Longitude Boundary point-A "N 12°43′2.3" E 77°22′18.0" Boundary point-B N 12°42′59.1" E 77°22′18.5" Boundary point-C N 12°42′58.5" E 77°22′16.0" Boundary point-D N 12°43′1.8" E 77°22′15.4"
4	Type of Mineral	Building Stone.
5	New / Expansion / Modification / Renewal	Existing.
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land.
7	Whether the project site fall within ESZ/ESA	-
8	Area in Ha	2-00 acres
9	Actual Depth of sand in the lease area in case of River sand Depth of Sand proposed to be	-

Annual Production Proposed (Metric Tons/ CUM) / Annum		remove	d						
Annual Production Proposed (Metric Tons/ CUM) / Annum	·				Year	Saleable Building	5		
Annual Production Proposed (Metric Tons/ CUM) / Annum		•				Stone in Tonnes	-		
11		A 1	. Da J	Duamana	1st	89,340			
Annum	111	l		-	2nd	89,340			
4th 89,340	11	'		COM) /	3rd	89,340			
Total 4,46,700		Aimuni			4th	89,340			
Quantity of Topsoil/Over burden in cubic meter Mineral Waste Handled (Metric Tons/ CUM)/ Annum 1823 tons/annum 1824 tons/annum 1823 tons/annum				•	5th	89,340	· _		
12 burden in cubic meter					Total	4,46,700			
Mineral Waste	12	1 2 2			- ,				
13					1823 tons/	annum			
Annum	13	l			,				
15		l `		/-					
15	14				15 lakhs.				
b. Nearest Human Habitation c. Educational Institutes, Ramanagara 9.0 km from the proposed lease area. Hospital d. Water Bodies e. Other Specify Applicability of General Condition of the EIA Notification, 2006 Details of Land Use in Ha SI. No. Particulars Area in Acres Area in Guntas 1 Quarry workings 1.10 44 2 Waste dump yard 0.05 2 3 Roads 0.05 2 4 Mineral storage 0.10 4 5 Buffer zone 0.60 24 6 Top soil storage 0.05 2 Total 2.00 80	15			ensitivity					
B. Habitation Educational Institutes, Ramanagara 9.0 km from the proposed lease area.		a. N	learest Fo	rest	•				
Habitation Educational Institutes, Ramanagara 9.0 km from the proposed lease area.	,	lh I		Human	Bennahalli	2.3km from the propo	sed lease area.		
C. Hospital d. Water Bodies - e. Other Specify -		<u>F</u>							
Hospital		10		l Institutes,	Ramanaga	ra 9.0 km from the pro	posed lease area.		
e. Other Specify - " Applicability of General Condition of the EIA Notification, 2006 17 Details of Land Use in Ha Sl. No. Particulars Area in Acres Area in Guntas		J .		·					
Applicability of General Condition of the EIA Notification, 2006					-				
16 Condition of the EIA Notification, 2006 17 Details of Land Use in Ha					- "				
Notification, 2006	16								
Details of Land Use in Ha Sl. No. Particulars Area in Acres Area in Guntas	10	l		**	_	√°.			
Sl. No. Particulars Area in Acres Area in Guntas	17								
1 Quarry workings 1.10 44 2 Waste dump yard 0.05 2 3 Roads 0.05 2 4 Mineral storage 0.10 4 5 Buffer zone 0.60 24 6 Top soil storage 0.05 2 7 Infrastructure 0.05 2 Total 2.00 80	1,	Details			ılars	Area in Acres	Area in Guntas		
2 Waste dump yard 0.05 2		-			v		·		
3 Roads 0.05 2									
4 Mineral storage 0.10 4 5 Buffer zone 0.60 24 6 Top soil storage 0.05 2 7 Infrastructure 0.05 2 Total 2.00 80	ĺ	-	}						
5 Buffer zone 0.60 24 6 Top soil storage 0.05 2 7 Infrastructure 0.05 2 Total 2.00 80		-							
6 Top soil storage 0.05 2 7 Infrastructure 0.05 2 Total 2.00 80		-			Ü				
7 Infrastructure 0.05 2 Total 2.00 80									
Total 2.00 80				Top soil s	storage				
Method of Mining/			7	Infrastru	ructure 0.05		2		
Method of Mining/		Total		2.00 80		80			
Method of Mining/					l				
LIX L ST IVIETNOG OF WINDOUS SEMI-WECHANIZED WITH UNEN CAST WETHOO	18	Method of Mining/ Method of			of Mining is	Semi-Mechanized wit	h Open Cast Method.		
Quarrying The mining operation involves drilling, loading and unloading		ļ			ng operatio	n involves drilling, loa	ding and unloading		
19 Water Requirement	19	Water I	Requireme	ent					
a. Source of As no surface water sources are available in the Quarry lease are		a. S	ource	of As no su	rface water	sources are available i	n the Quarry lease area.		

		water	Bore well is the source of water used in the Quarry and it is		
			borrowed from nearby village		
	[About 1.5 KL/day of water is proposed to be utilized for domestic		
			purposes, sprinkling for dust suppression, Afforestation etc.		
	·	Total	Dust Suppuration	1.5	
	b.	Requirement	Domestic	1.5	
ļ	[υ.	of Water in	Other	1.5	
		KLD	Total	4.5	
20	Storm water management plan		-		

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that as per the proponent's statement the Bennahalli village of Ramanagar taluk wherein this quarry is located is situated at the distance of 16.9 KM from Bannerghatta National Park, 7 KM from Ramdevarabetta and 32.6 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned it has not yet been notified, hence by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated in any eco-sensitive zone. However no certificate from the Wild life Authority about the distances is forthcoming.

The quarry lease for this proposal has been granted in the year 2002 and it is periodically been extended and is valid upto 2022. Based on this the proponent has claimed exemption from the cluster effect. The proponent has also furnished combined sketch of the existing 11 number of quarry leases within the 500 meter radius from the lease and all of these leases are granted prior to 9-9-2013. Hence all quarries get exempted from the cluster effect.

The proponent has stated that he has operated the mine from 2002 to 2007 when the EC was not mandated and after 2007 no mining activity has been carried out till date.

As seen from the quarry plan the level difference within the mining area is 20 meters and taking this factor into consideration the quantity that can be mined scientifically and safely with a quarry pit depth of 12 meters will be 60% of the proposed quantity.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting the quantity to 60% of the proposed quantity subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.26 Proposed Building Stone Quarry Project in Government Gomala Land - Q.L.No.980 at Sy.No.25 of Annahalli Village, Ramangar Taluk, Ramanagara District (1-00 Acre) By Sri R.D. Manjunatha (SEIAA 39 MIN 2019)

SI. No	PARTICULARS	INFORMATION			
1	Name & Address of the Project Proponent	Sri R D Manjunath Ragihalli, JiganiHobli AnekalTaluk, Bengaluru			
2	Name & Location of the Project	Building stone quarry of Sri R D Manjunath Sy. No-28, Annahalli Village, RamanagaraTaluk and District, Karnataka.			
3	Co-ordinates of the Project Site	P.No. Boundary point-A Boundary point-B Boundary point-C Boundary point-D	Latitude N 12º42.355′ N 12º42.328′ N 12º42.336′ N 12º42.361′	Longitude E 77°22.757' E 77°22.752' E 77°22.708' E 77°22.713'	
4	Type of Mineral	Building Stone.			
5	New / Expansion / Modification / Renewal	Existing.			
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land.			



l .				· · · · · · · · · · · · · · · · · · ·
. 7	Whether the project site fall within ESZ/ESA	-		• • • • • •
8	Area in Ha	1-00 acres		
9	Actual Depth of sand in the lease area in case of River sand	-		
10	Depth of Sand proposed to be removed	-		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	1st (2018-19)	Saleable Building Stone in Million Tonnes 25,110	
	COM) / Allium	2nd (2019-20) 3rd (2020-21)	23,964	
		Total	20,854 69,928	
12	Quantity of - Topsoil/Over burden in cubic meter			
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum			
14	Project Cost (Rs) 10lakhs.			
15	Environmental Sensitivity			
	a. Nearest Forest b. Nearest Human Habitation Bennahalli1.0km from the proposed lease area.			
٠	Educational I c. Institutes, Hospital	Ramanagara10.3 km from the proposed lease area.		
	d. Water Bodies ~			
	e. Other Specify -			
16		,		
	e. Other Specify - Applicability of General Condition of the EIA Notification,	28		
	e. Other Specify - Applicability of General Condition of the EIA Notification, 2006	es Particulars	Area in A	res
	e. Other Specify - Applicability of General Condition of the EIA Notification, 2006 Details of Land Use in acre			res
16 17	e. Other Specify - Applicability of General Condition of the EIA Notification, 2006 Details of Land Use in acre Sl. No.	Particulars	gs 0-23	cres

			بِ	1	Proposed buffer zone	0-15 .	
·					Total	· 1-00· ·	
Method of Mining/ Quarrying			Mini	ng/	Method of Mining is Semi-Mechanized with Open Cast Method. The mining operation involves drilling, loading and unloading		
, 19	Wa	ter Require	ement	t			
	a.	Source water	of	area borr Abo	no surface water sources. Bore well is the source oowed from nearby village ut 2.5 KL/day of wate testic purposes, sprinkling	f water used in the Qu r is proposed to be	uarry and it is utilized for
;		Total	[Dus	t Suppuration	1.0	ŕ
	b.	Requireme	1		nestic	1.0	
	٠,	of Water	r in	Othe		0.5	
		KLD		Tota	<u></u>	2.5	
20		nagement ·	ater 	-		·	

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that as per the proponent statement the Annahalli village of Ramanagartaluk wherein this quarry is located is situated at the distance of 16.1 KM from Bannerghatta National Park, 8.1 KM from Ramdevarabetta and 31.8 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned it has not yet been notified, hence by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated in any eco-sensitive zone. However no certificate from the Wild life Authority about the distances is forthcoming.

The quarry lease for this proposal has been granted in the year 2001 for five years. Now the proponent has stated that he made out an application for extension of lease on 30-10-2006 and it is still in process.

Based on this the proponent has claimed exemption from the cluster effect. The proponent has also furnished combined sketch of the existing number of quarry leases including this within the 500 meter radius from the lease and all of these leases are granted prior to 9-9-2013. Hence all quarries get exempted from the cluster effect.

The proponent has stated that he has operated the mine from 2001 to 2005 when the EC was not mandated and after 2005 no mining activity has been carried out till date.

As seen from the quarry plan the level difference within the mining area is 10 meters and taking this factor into consideration the proposed quantity can be mined scientifically and safely with a quarry pit depth of 6 meters.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity, subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.
218.27 Proposed Building Stone Quarry Project at Sy. No. 11 of Janalukunte village,
Chikkaballapura Taluk & District (7-15 Acres) By Sri Rafi Ahmed N (SEIAA
40 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Rafi Ahmed N S/o Nazer Ahmed D.No 133, Anjanapura Village Anjanapura Post, Bangalore-560062.		
2	Name & Location of the Project	Over an extent of 7-15 Acres under (Government Revenue Land) Sy No: 11, Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District Karnataka		
3	Co-ordinates of the Project Site Latitude: N 13° 36′ 46.1″ Longitude: E 77° 45′ 30.1″			
4	Type of Mineral	Building Stone Quarry .		

5	New / Expansion / Modification	New
. 5	/ Renewal ·	
	Type of Land [Forest,	Government Revenue Land
6	Government Revenue, Gomal,	·
	Private/Patta, Other]	
_	Whether the project site fall	No
7	within ESZ/ESA	
- 8	Area in Ha	2.984 Ha
9	Actual Depth of sand in the lease	NA .
	area in case of River sand	NA
10	Depth of Sand proposed to be removed	INA
	Rate of replenishment in case of	It's a Building Stone Quarry
11	river sand mining as specified in	2
11	the sustainable sand mining	
	guideline 2016	
	Measurements of the existing	Fresh Land
10	quarry pits in case of	
12	ongoing/expansion/modification	
	of mining proposals other than river sand	
10	Annual Production Proposed	6,00,000 Tons/annum
13	(Metric Tons/ CUM) / Annum	,
14	Quantity of Topsoil/Over burden	There is no topsoil Available in this area.
	in cubic meter	
15	Mineral Waste Handled (Metric	1,57,895 Tons
16	Tons/ CUM)/ Annum 16 Project Cost (Rs. In Crores) 21.84 crores	
17	Environmental Sensitivity	21.04 Crores
17	a. Nearest Forest	Haristala Reserved Forest – 4.30 km (SE)
	b. Nearest Human Habitation	Gudibande – 8.30 Kms(NW)
	Educational Institutes.	The nearest post and telegraph office, hospital,
	c. Hospital	schools, police station is situated in Gudibande
	d. Water Bodies	Jonnalakunte Pond - 0.90 kms (NW)
		Adegerahalli Pond - 1.60 Kms(S)
	e. Other Specify	
10	Applicability of General	
18	Condition of the EIA Notification, 2006	·
19	Details of Land Use in Acres	
19	a. Area for Mining/ Quarrying	5-20
	b. Waste Dumping Area	
L	to. I waste Duniping Area	

	c.	Top Soil Storage Area		
	d.	Mineral Storage Area	0-06	·
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/Buffer Zone	1-25	
:	h.	Unexplored area		
	i.	Others Specify		
20	N	Method of Mining/ Quarrying	Semi Mechani	ised Method Open quarrying
21	Rate of Replenishment in case River sand project		NA	
22	Wa	nter Requirement		
	a.	Source of water	Drinking water: Borewell from the village	
			Dust Suppression: River Water	
ļ		·	Dust	10.2 KLD
		b. Total Requirement of Water in KLD	Suppression	
ľ	b.		Domestic	2.6 KLD
			Other	16.92 KLD
			Total	15.25 KLD
23	Sto	rın water management nlan	Drains will be constructed along the	
	3 Storm water management plan		boundary of a	
24		y other information specific	NA	
		he project (Specify)		

The proponent was invited for the 218th meeting held on 11-3-2019 to provide required clarification. The proponent remained absent without intimation.

The Committee decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.28 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli village, Chikkaballapura Taluk & District (1-00 Acres) By Sri M. N. Manjunath(SEIAA 41 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. M. N. Manjunath, LRS of Lt. Nadapi Venkatarayappa, Muddalahalli Village, Mandikal Hobli, Chikkaballapura Taluk & District,

		Karnataka.
	,	
. 2	Name & Location of the Project	Building Stone Quarry over an extent 1-00 Acres in Government Land at Sy. No. 43(P) of Chikkanagavalli Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13º 36′ 32.3″ Longitude: E77º 45′ 31.4″
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.404 Ha
9 ,	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA -
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	60,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	8,00 cubic meter
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	15,790 Tons
16	Project Cost (Rs. In Crores)	3.22 crores
17	Environmental Sensitivity	II. tal. I. D I. D
<u> </u>	a. Nearest Forest	Haristala Reserved Forest - 3.80 Kms(S)

	b.	Nearest Human Habitation	Chikkanagav	vali Village - 0.80 Kms (S)
ļ		Educational Institutes, · Hospital		t post and telegraph office,
	c.		hospital, schools, police station is situated in	
	ļ	1100p1ta1	Gudubande.	
İ			Adegarahalli	Lake - 1.20 Kms (S)
ŀ	d.	Water Bodies	Jonnulakunte	e Pond - 1.40
	<u></u>		Kms(NW)	
	<u>e.</u>	Other Specify		
10		pplicability of General		
18	1	ondition of the EIA		
		etification, 2006		
19		tails of Land Use in Acres		
	a.	Area for Mining/ Quarrying	0-18	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area		
	d.	Mineral Storage Area	0-04	
	e.	Infrastructure Area		
	f.	Road Area .	0-02	
	g.	Green Belt Area/Buffer Zone	0-14	
<u> </u>	h.	Unexplored area		
	i.	Others Specify		•_
20	N	Method of Mining/ Quarrying	Semi Mechan	ised Method Open quarrying
21		Rate of Replenishment in	NA	
		case River sand project		
22	Wa	ter Requirement		
	a.	Source of water	Drinking wat	er : Borewell from the village
		- Courte of Water	Dust Suppression: River Water	
			Dust	7.5 KLD
ļ. 		Total Requirement of Water	Suppression	
	b.	in KLD	Domestic	2.15 KLD
ĺ		III KLD	Other	2.07 KLD
			Total	11.72 KLD
23	Sto	rm water management plan	Drains will be	constructed along the
			boundary of a	
24	Any other information specific		NA	
		he project (Specify)	-	

The proponent was invited for the $218^{\rm th}$ meeting held on 11-3-2019 to provide required clarification. The proponent remained absent without intimation.

The Committee decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.29 Proposed Pink Granite Quarry Project at Sy.No.42 of Mandikal Village, Chikkaballapura Taluk & District (4-08 Acres) By Sri A Hemanth kumar (SEIAA 42 MIN 2019)

	N	
Sl. No	PARTICULARS	INFORMATION
. 1	Name & Address of the Project Proponent	Sri. A Hemanth kumar, S/o. Ashwathappa, No. 482, 11th Cross, Sadashivanagar, Bangalore, Karnataka
2	Name & Location of the Project	Pink Granite Quarry over an extent 4-08 Acres in Government Land at Sy. No. 42 of Mandikal Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13 ⁰ 37′ 02.5″ Longitude:E77 ⁰ 42′12.28″
4	Type of Mineral	Pink Granite Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Kharab Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.699 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
1 1	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Pink Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area
13	Annual Production Proposed	12,000 Cu.m/annum

	(N	Metric Tons/ CUM) / Annum			
14	0	uantity of Topsoil/Over burden	7,200 cu.m		
14		cubic meter	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
4.	M	ineral Waste Handled (Metric	60 000 Cu m	60,000 Cu.m .	
15	Tons/ CUM)/ Annum		00,000 64.11	•	
16		oject Cost (Rs. In Crores)	1.20 crores		
17		vironmental Sensitivity	1.20 616165		
			Narasimha F	Devarabetta Reserved Forest – 2.70	
	a.	Nearest Forest	Kms(SW)	ovarabeta reserved rolest – 2,70	
	b.	Nearest Human Habitation	Mandikal - 3	2 Km (SE)	
		Edwards - 11		post and telegraph office, hospital,	
	c.	Educational Institutes,	schools, po	olice station is situated in	
		Hospital	Gudubande.	is situated in	
	d.	Water Bodies	Bachchenaha	lli Pond – 1.59 Km (SE)	
	u.	water bodies	Mandikal Po	nd – 3.6 Kms (SE)	
		Other Specify			
		pplicability of General			
18		ondition of the EIA			
		otification, 2006			
19	De	tails of Land Use in Acres		•	
	a.	Area for Mining/ Quarrying	1-30		
	b.	Waste Dumping Area	0-19		
·	C.	Top Soil Storage Area	-		
	d.	Miperal Storage Area	0-03		
	e.	Infrastructure Area		·	
	f.	Road Area	0-02		
	g.	Green Belt Area/Buffer Zone	1-34		
	h.	Unexplored area			
	i.	Others Specify			
20	N	Method of Mining/ Quarrying	Semi Mechan	ised Method Open quarrying	
21		Rate of Replenishment in	NA	·	
		case River sand project			
22_	Wa	ter Requirement			
	a.	Source of water	Drinking wat	er : Borewell from the village	
			Dust Suppres	sion: River Water	
			Dust	8.5 KLD	
		Total Requirement of Water	Suppression		
	b.	in KLD	Domestic	2.85 KLD	
			Other	6.45 KLD	
			Total	17.81 KLD	
23	Sto	rm water management plan		constructed along the	
	9		boundary of a	ctivity area	
24	-	y other information specific he project (Specify)	NA °		
		· · · · · · · · · · · · · · · · · · ·	90		

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that as stated by the proponent, the level difference within the mining area is 58 meters and there is no top soil and he has also stated the recovery is 50%. Based on this the recovery of 60,000 cum over a plan period of five years the wastages will be 60,000 cum. The proponent has stated that he has earmarked 19 guntas of land for waste dump and he has also stated that the waste will be utilized as building stone after getting necessary permission from the DMG and this has been reflected in the quarry plan. The approach road from the quarry area to the nearest all weather road is an existing cart road to a length of 750 meters which runs in the govt land for this the proponent has stated that he will take necessary permission from the revenue authorities and develop this road.

The proponent has also furnished combined sketch prepared by the DMG showing the number of leases within the 500 meter area from this lease and according to which there are two leases including this lease and the total area of these leases is 7 acres 23 guntas which is less than the threshold limit of 5 Ha.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity with the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.30 Proposed Building Stone Quarry Project at Sy.No.25(P) of Kantarlahalli Village, Gudibande Taluk & Chikkaballapura District (2-20 Acres) (QL No .44) By M/s. S.L.N. Enterprises (SEIAA 43 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. S.L.N. Enterprises, Sri N Ravindra Reddy (Managing Partner). No.321, 1st Main, 1st Cross,

		Pallakkammanagara,
		2nd Block, Chikkajaala,
-		Bengaluru North.
		benginara worth.
-		"Building Stone Quarry" over an extent of 2-
,		00 Acres at Sy. No. 25(P), Kantarlahalli
1	Name & Location of the Project	Village, Gudibande Taluk, Chikkabalapura
		District, Karnataka.
	Co-ordinates of the Project Site	Latitude: N 13° 40′17.3″
	co.ordinates of the 110ject Site	Longitude:E 77° 44′27.1″
4	Type of Mineral	Building Stone Quarry
-	Type of iviliteral	0 ~ /
	New / Expansion / Modification	Renewal (QL 44)
5	/ Renewal	
	Type of Land [Forest,	Government Gomala Land
6		Government Gomaia Land
	Private/Patta, Other]	
	Whather the project site fall	No
7	within ESZ/ESA	•
8	Area in Ha	1.011 Ha
9	Actual Depth of sand in the lease	NA e
9	area in case of River sand	,
10	Depth of Sand proposed to be	NA
	removed	
	Rate of replenishment in case of	It's a Building Stone Quarry
11	river sand mining as specified in	
	the sustainable sand mining	
	guideline 2016	
'	Measurements of the existing	831.92 MSL
12	quarry pits in case of	
12	o do do do de la constante de	
	of mining proposals other than river sand	
-	Annual Production Proposed	1,01,721tons/annum
13	(Metric Tons/ CUM) / Annum	1,01,72110115/ 4111111111
7.4	Quantity of Tongoil / Over handen	There is no top soil Available in this area.
14	in cubic meter	top son rivaliante in this area.
15	Mineral Waste Handled (Metric	26770 Tons
	Tons/ CUM)/ Annum	
16		3.77 crores
17		
	a. Nearest Forest	Beechaganahally Reserved Forest - 4.15 kms
		92

			(NE)	
	b.	Nearest Human Habitation	Gudibanda - 3	.20 (W)
	c,	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Varalakonda	
	d.	Water Bodies	Gudubanda L	ake - 1.45 Kms (SW)
	e.	Other Specify		
	Ар	plicability of General	NA	
18		ndition of the EIA		
	No	tification, 2006		
19	De	tails of Land Use in Acres		
	a.	Area for Mining/ Quarrying	1-24	
	1_	Waste Dumping Area/	0-03+0-03	
	b.	Mineral Storage Area		
	c,	Road Area/ Infrastructure	0-06	
	d.	Green Belt Area/Buffer Zone	0-24	
	e.	Unexplored area		
	f.	Others Specify		
20	N	Method of Mining/ Quarrying	Semi Mechani	sed Method Open quarrying
21		Rate of Replenishment in	NA	
21		case River sand project		
22	Wa	ter Requirement		1
	a.	Source of water		er : Borewell from the village sion: River Water
			Dust –	8 KLD
		Total Dogginsmant of Mator	Suppression	·
	Ъ.	Total Requirement of Water in KLD	Domestic	0.72 KLD
			Other	3.5 KLD
			Total	12.22 KLD
23	Sto	rm water management plan		constructed along the
			boundary of a	ctivity area
24	Any other information specific to the project (Specify)		NA	

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for the mining was earlier granted in 2009 for five years and which ended in the year 2014 during this period the proponent has stated that he has mined 2,500 tons and mining activity was taken up before 9-9-2013. The renewal notification

for the same was issued on 27-5-2016 and subsequently he has applied for grant of EC to DEIAA on 6-8-2016. The DEAC has taken up appraisal during its meeting dated:18-4-2017 and recommend for issue of EC. The DEIAA during its meeting held on 20-7-2017 sent back the proposal to DEAC to appraise afresh in view of the four queries raised by DEIAA the main issue was about the cluster effect. The DEAC appraised the proposal during its meeting held on 4-9-2018 and re-recommended for issue of EC and the DEAC has based its recommendation on the fact that since this lease has been leased prior to 9-9-2013 it is exempted from cluster effect. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change in the policy this proposal has been forwarded to SEIAA.

As per the quarry plan the level difference within the mining area of 1 Acre 27 guntas is 8 meters and taking this into consideration the proposed quantity can be mined safely and scientifically with a quarry pit of depth of 12 meters will be 50% of total proposed quantity.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 800 meters and he has also stated that he will take up greenery on the either side of the approach road since the same cannot be taken up within the lease area as the lease area is totally rocky outcrop.

The proponent has furnished a combined sketch prepared by the DMG indicating the number of leases within the 500 meter radius from this lease according to which there are four number of leases including this lease and leases for all these have been granted prior to 9-9-2013, based on this the proponent claimed the exemption from cluster effect.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 50% of the proposed quantity.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.31 Proposed Building Stone Quarry Project at Sy.No.9 of Gonthaganahudya Village, Chikkaballapura Taluk, Chikkaballapura District (2-00 Acres) By Sri T S Ashwathappa (SEIAA 44 MIN 2019)

C1		
51.	PARTICULARS	INTEGRACIATION
No	PARTICULARS	INFORMATION
TAO		

1	Name & Address of the Project Proponent	Sri. T S Ashwathappa Teelakuntahalli Village, Gonthaganahudya Post Gudibande Taluk, Chikkaballapura District, Chikkaballapura.	
2	Name & Location of the Project	Over an extent of 2-00 Acres under (Government Revenue Land) Sy No: 9, Gonthaganahudya Village, Chickballapur Taluk, Chikkaballapur District, Karnataka	
3	Co-ordinates of the Project Site	Latitude: N 13° 36′ 53.4″ Longitude:E 77° 47′ 01.9″	
4	Type of Mineral	Building Stone Quarry	
5	New / Expansion / Modification / Renewal	Existing (QL 25 RI)	
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land	
7	Whether the project site fall within ESZ/ESA	No	
8	Area in Ha	0.809 Ha	
9	Actual Depth of sand in the lease area in case of River sand	NA	
10	Depth of Sand proposed to be removed	NA	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry	
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	849.5 m Existing Pit level	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,50,000 Tons/annum	
14	Quantity of Topsoil/Over burden in cubic meter	There is 0.5m topsoil Available in this area.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	37,500 Tons	
16	Project Cost (Rs. In Crores)	2.90 crores	

17	En	vironmental Sensitivity			
	a.	Nearest Forest	Haristala Res	erved Forest -4.15	
	b.	Nearest Human Habitation	Gonthaganahudya – 1.60Kms(W)		
	C.	Educational Institutes, Hospital	The nearest p	post and telegraph office, hospital, olice station is situated in	
	d.	Water Bodies	Varlakonda Lake -1.30 Kms(NE) Nandaganahalli Pond -2.80 Kms(S)		
	e.	Other Specify			
18	Co	oplicability of General and it is a substitution of the EIA otification, 2006			
19		tails of Land Use in Acres	-l- <u></u>		
	a.	Area for Mining/ Quarrying	1-15		
	b.	Waste Dumping Area	0-02		
	C.	Top Soil Storage Area			
	d.	Mineral Storage Area	0-06		
	e.	Infrastructure Area			
	f.	Road Area	0-02		
	g.				
	h.	Unexplored area			
	i.	Others Specify			
20		Method of Mining/ Quarrying	Semi Mechan	ised Method Open quarrying	
21		Rate of Replenishment in	NA		
22	M	case River sand project ater Requirement	-		
	146	nter requirement	Dainle	D 11.6	
	a.	Source of water		er : Borewell from the village sion: River Water	
		Total Paguingment of Water	Dust Suppression	10.2 KLD	
	b.	Total Requirement of Water in KLD	Domestic	1.8 KLD	
	.		Other	0.84 KLD	
			Total	12.84 KLD	
23	Sto	rm water management plan	Drains will be boundary of a	constructed along the	
24	Any other information specific to the project (Specify)		NA NA	·	

The proponent was invited for the 218th meeting held on 11-3-2019 to provide required clarification. The proponent remained absent without intimation.

The Committee decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.32 Proposed Building Stone Quarry Project at Sy.No.25 of Bennahalli Village, Ramanagara Taluk, Ramanagara District (2-30 Acres) By M/s. Someswara Stone Crusher (SEIAA 45 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s Someswara Stone Crusher Ragihally, JiganiHobli AnekalTaluk Bengaluru.		
2	Name & Location of the Project	Building stone quarry of M/s Someswara Stone Crusher Sy. No-25, Bennehalli Village, RamanagaraTaluk and District, Karnataka		
3	Co-ordinates of the Project Site	P.No. Latitude Longitude Boundary point-A N 12°42.495′ E 77°22.744′ Boundary point-B N 12°42.467′ E 77°22.766′ Boundary point-C N 12°42.441′ E 77°22.764′ Boundary point-D N 12°42.452′ E 77°22.683′ Boundary point-E N 12°42.479′ E 77°22.686′ Boundary point-F N 12°42.488′ E 77°22.706′ Boundary point-G N 12°42.497′ E 77°22.720′		
4	Type of Mineral	Building Stone.		
5	New / Expansion / Modification / Renewal	Existing.		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land.		
7	Whether the project site fall within ESZ/ESA	-		
8	Area in Ha	2-30 acres		
9.	Actual Depth of sand in the lease area in case of River sand			
10	Depth of Sand proposed to be removed	-		

•	•			Year	Saleable Building Stone	
	Annual	Pro	oduction	1 ((0010 10)	in Tonnes	
11	Proposed	(Metric	Tons/	1st (2018-19)	86,269	
· ,	CUM) / Ani	•	,	2nd (2019-20)	1,18,503	
			3rd (2020-21)	1,28,706	:	
				4th (2021-22)	1,39,043	
<u> </u>		<u> </u>	11.70	Total	4,72,521	
12	Quantity o			-		
	burden in cu					
10	Mineral W		Handled	547 tons/annum		
13		ons/	CUM)/			
1.4	Annum	, /				
14	Project Cost			15 lakhs.		
15	Environmen		itivity			
	a. Nearest					
	Forest					
	Nearest		Bennahal	lli1.2km from the pr	roposed lease area.	·
	b. Human					
İ	Habitat				·····	
	Educati		Ramanag	gara10.2 km from th	e proposed lease ar	ea.
	c. Institute					
	Hospita				·	
	d. Water E		-	0		
ļ <u> </u>	e. Other S	~,	-			
	Applicability of			1		
16	General Cor					
	of the EIA					1
17	Notification,			· · · · · · · · · · · · · · · · · · ·		
17	Details of La					
		Sl. No		Particulars	Area in Acres	
		1	Qt	arry workings	2-03	
		2	Waste	e dumps/Mineral	0-01	_
				storage		
			Road	ls/Infrastructure	0-01	
					· · · · · · · · · · · · · · · · · · ·	
			osed buffer zone	0-25		
	To			otal	2-30	
18	Method Mining/	of	Method Method.	of Mining is Ser	mi-Mechanized wi	th Open Cast
	Quarrying	.]		ning operation i	nvolvac deilling	loading
	Zumirymig	2 0		ume oberanon i	involves arming,	roading and
19	Water	· · · · · · · · · · · · · · · · · · ·	unloadin	ზ		
	Hucci			00		

	Rec	uirement		
			As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 2.5KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc.	
		Total	Dust Suppuration	1.5
	b.	Requirement	Domestic	1.0
	D.	of Water in	Other	1.5
	KLD		Total	4.0
20	Storm water - management plan		,	

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that as per the proponent's statement, the Bennahalli village of Ramanagar taluk wherein this quarry is located at a distance of 15.9 KM from Bannerghatta National Park, 8 KM from Ramdevarabetta and 32.2 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned since it has not yet been notified, by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated in any eco-sensitive zone. However no certificate from the Wildlife Authority about the distances is forthcoming.

The quarry lease for this proposal has been granted in the year 2002 for a period of five years and renewal application has been filed on 27-11-2006 and renewal process is still in progress. Based on this the proponent has claimed exemption from the cluster effect. The proponent has also furnished combined sketch of the existing 4 number of quarry leases within the 500 meter radius from the lease and all of these leases are granted prior to 9-9-2013. Hence all quarries get exempted from the cluster effect.

The proponent has stated that he has operated the mine from 2002 to 2005 when the EC was not mandated and after 2005 no mining activity has been carried out till date.

As seen from the quarry plan the level difference within the mining area is 15 meters and taking this factor into consideration the quantity that can be mined

scientifically and safely with a quarry pit depth of 12 meters will be 80% of the proposed quantity.

The approach road from the lease area to the nearest all weather road is to a length of 2.7 KM and runs all along the existing cart track road.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting the quantity to 80% of the proposed quantity, subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.33 Proposed Building Stone Quarry Project in Government Gomala Land at Sy.No.94(P) of Nandanagenahalli village, Chikkabalapur Taluk, Chikkabalapur District (3-20 Acres) By Sri M. Prabhakar (SEIAA 46 MIN 2019)

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. M. Prabhakar S/o Munishamappa, Rabbanahalli, Koira post, Devanahalli Taluk, Bangalore Rural District
2	Name & Location of the Project	Over an extent of 3-20 Acres under (Government Gomala Land) Sy No: 94(P), Nandanagenahalli Village, Chikkaballapur Taluk, Chikkaballapur District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 36′ 18.3″ Longitude: E 77° 46′ 37.3″
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing



1 Educational Institutes.	6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
9 Actual Depth of sand in the lease area in case of River sand 10 Depth of Sand proposed to be removed Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016 Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand Annual Production Proposed (Metric Tons/ CUM) / Annum 14 Quantity of Topsoil/Over burden in cabic meter 15 Mineral Waste Handled (Metric Tons/ CUM) / Annum 16 Project Cost (Rs. In Crores) 17 Environmental Sensitivity a. Nearest Forest b. Nearest Forest b. Nearest Human Habitation C. Educational Institutes, C. Hospital d. Water Bodies e. Other Specify Applicability of General Condition of the EIA Notification, 2006 19 Details of Land Use in Acres a. Area for Mining/ Quarrying b. Waste Dumping Area d. Mineral Storage Area	7	,	No
Part of Sand proposed to be removed Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016 Reasurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand Production Proposed (Metric Tons/ CUM) / Annum Production Proposed (Metric Tons/ CUM) / Annum Project Cost (Rs. In Crores) Royansion Royans	8	Area in Ha	1.416 Ha
Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016 Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand Annual Production Proposed (Metric Tons/ CUM) / Annum Quantity of Topsoil/Over burden in cabic meter Mineral Waste Handled (Metric Tons/ CUM) / Annum Project Cost (Rs. In Crores) Revironmental Sensitivity a. Nearest Forest	9	l • • •	NA
river sand mining as specified in the sustainable sand mining guideline 2016 Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand Annual Production Proposed (Metric Tons/ CUM) / Annum Quantity of Topsoil/Over burden in cabic meter Mineral Waste Handled (Metric Tons/ CUM) / Annum Project Cost (Rs. In Crores) 3.95 crores Environmental Sensitivity a. Nearest Forest Haristala Reserved Forest - 3.10 Kms(S) b. Nearest Human Habitation Educational Institutes, C. Hospital d. Water Bodies Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) e. Other Specify Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) a. Area for Mining/ Quarrying 2-16 b. Waste Dumping Area 0-02 c. Top Soil Storage Area d. Mineral Storage Area d. Mineral Storage Area	10		NA
Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand Annual Production Proposed (Metric Tons/ CUM) / Annum Quantity of Topsoil/Over burden in cabic meter Mineral Waste Handled (Metric Tons/ CUM) / Annum Project Cost (Rs. In Crores) Revironmental Sensitivity a. Nearest Forest Haristala Reserved Forest - 3.10 Kms(S) Nearest Human Habitation Educational Institutes, C. Hospital d. Water Bodies e. Other Specify Applicability of General Condition of the EIA Notification, 2006 Details of Land Use in Acres a. Area for Mining/ Quarrying b. Waste Dumping Area c. Top Soil Storage Area d. Mineral Storage Area d. Mineral Storage Area 9.262,500 Tons/annum 2,622,500 Tons/annum There is 0.5m topsoil Available in this area 6,9,880 Tons 7,998 Tons 7,998 Tores 14 Haristala Reserved Forest - 3.10 Kms(S) Chikkanagavali Village - 2.337 Kms (SW) The nearest post and telegraph office, hospital schools, police station is situated in Gudubande. Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N)	11	river sand mining as specified in the sustainable sand mining	It's a Building Stone Quarry
Metric Tons/ CUM) / Annum Quantity of Topsoil/Over burden in cabic meter There is 0.5m topsoil Available in this area in cabic meter Tons/ CUM) / Annum 6	12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than	
Mineral Waste Handled (Metric Tons/ CUM) / Annum	13	Annual Production Proposed	2,62,500 Tons/annum
Tons/ CUM) / Annum 16 Project Cost (Rs. In Crores) 3.95 crores 17 Environmental Sensitivity a. Nearest Forest Haristala Reserved Forest - 3.10 Kms(S) b. Nearest Human Habitation Educational Institutes, Hospital Cudubande. d. Water Bodies Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) e. Other Specify Applicability of General Condition of the EIA Notification, 2006 19 Details of Land Use in Acres a. Area for Mining / Quarrying b. Waste Dumping Area c. Top Soil Storage Area d. Mineral Storage Area d. Mineral Storage Area	14		There is 0.5m topsoil Available in this area
17 Environmental Sensitivity a. Nearest Forest b. Nearest Human Habitation C. Educational Institutes, Hospital d. Water Bodies e. Other Specify Applicability of General 18 Condition of the EIA Notification, 2006 19 Details of Land Use in Acres a. Area for Mining/ Quarrying b. Water Bodies Area d. Mineral Storage Area d. Mineral Storage Area Details of Land Storage Area	15	`	69,080 Tons
a. Nearest Forest b. Nearest Human Habitation Chikkanagavali Village - 2.337 Kms (SW) Educational Institutes, Hospital Chikkanagavali Village - 2.337 Kms (SW) The nearest post and telegraph office, hospital schools, police station is situated in Gudubande. Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) e. Other Specify Applicability of General Condition of the EIA Notification, 2006 19 Details of Land Use in Acres a. Area for Mining/ Quarrying b. Waste Dumping Area c. Top Soil Storage Area d. Mineral Storage Area 0-06	16	Project Cost (Rs. In Crores)	3.95 crores
b. Nearest Human Habitation Chikkanagavali Village – 2.337 Kms (SW) Educational Institutes, Hospital d. Water Bodies Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) e. Other Specify Applicability of General Condition of the EIA Notification, 2006 Details of Land Use in Acres a. Area for Mining/ Quarrying b. Waste Dumping Area d. Mineral Storage Area d. Mineral Storage Area O-06 Chikkanagavali Village – 2.337 Kms (SW) The nearest post and telegraph office, hospital schools, police station is situated in Gudubande. Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) 2-16 0-02 0-06 0-06	17	Environmental Sensitivity	
C. Educational Institutes, Hospital d. Water Bodies Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) e. Other Specify Applicability of General Condition of the EIA Notification, 2006 19 Details of Land Use in Acres a. Area for Mining/ Quarrying b. Waste Dumping Area d. Mineral Storage Area d. Mineral Storage Area The nearest post and telegraph office, hospital schools, police station is situated in Gudubande. Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) 2-16 0-02 0-06 0-06		a. Nearest Forest	Haristala Reserved Forest - 3.10 Kms(S)
C. Educational Institutes, Hospital d. Water Bodies Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) e. Other Specify Applicability of General Condition of the EIA Notification, 2006 19 Details of Land Use in Acres a. Area for Mining/ Quarrying b. Waste Dumping Area d. Mineral Storage Area d. Mineral Storage Area The nearest post and telegraph office, hospital schools, police station is situated in Gudubande. Peresandra Lake - 3.20 Kms (SE) Varalakonda Lake - 4.11Kms(N) 2-16 0-02 0-06 0-06		b. Nearest Human Habitation	Chikkanagavali Village – 2.337 Kms (SW)
Condition of the EIA Notification, 2006 Details of Land Use in Acres Area for Mining/ Quarrying 2-16 D. Waste Dumping Area C. Top Soil Storage Area O-06 *		I C	The nearest post and telegraph office, hospital, schools, police station is situated in
Applicability of General Condition of the EIA Notification, 2006 19 Details of Land Use in Acres a. Area for Mining/ Quarrying 2-16 b. Waste Dumping Area 0-02 c. Top Soil Storage Area d. Mineral Storage Area 0-06 °		d. Water Bodies	
18 Condition of the EIA Notification, 2006 19 Details of Land Use in Acres a. Area for Mining/ Quarrying 2-16 b. Waste Dumping Area 0-02 c. Top Soil Storage Area d. Mineral Storage Area 0-06 *	L	e. Other Specify	no rel
Notification, 2006 19 Details of Land Use in Acres a. Area for Mining/ Quarrying 2-16 b. Waste Dumping Area 0-02 c. Top Soil Storage Area d. Mineral Storage Area 0-06 °		Applicability of General	
19 Details of Land Use in Acres a. Area for Mining/ Quarrying 2-16 b. Waste Dumping Area 0-02 c. Top Soil Storage Area d. Mineral Storage Area 0-06 *	18	· ·	·
a. Area for Mining/ Quarrying 2-16 b. Waste Dumping Area 0-02 c. Top Soil Storage Area d. Mineral Storage Area 0-06 °		ļ	
b. Waste Dumping Area 0-02 c. Top Soil Storage Area d. Mineral Storage Area 0-06 °	19		
c. Top Soil Storage Area d. Mineral Storage Area 0-06 °		 	
d. Mineral Storage Area 0-06 °	<u> </u>	· · · · · · · · · · · · · · · · · · ·	0-02
			,
e. Infrastructure Area		32	0-06 "
91		e. Infrastructure Area	

	f.	Road Area	0-02		
	g.	Green Belt Area/Buffer Zone	0-34		
	h.	Unexplored area			
	i.	Others Specify	par ma		
20	· N	Method of Mining/ Quarrying	Semi Mechan	ised Method Open quarrying	
21		Rate of Replenishment in	ŅĀ		
21		case River sand project			
22	Wa	ater Requirement	·		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water		
		Total Requirement of Water in KLD	Dust Suppression	10.5 KLD	
	b.		Domestic	2.15 KLD	
			Other	1.19 KLD	
	.,		Total	13.84 KLD	
23	23 Storm water management plan		Drains will be constructed along the		
<u></u>			boundary of activity area		
24		y other information specific	NA		
<u> </u>	to t	the project (Specify)			

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease was granted during the year 1-1-2015 for five years. The EC for the same was issued earlier on 13-7-2015. The total quantity mined till date is approximately 1,98,000 tons or 74,000 cum. Now this application is for the enhancement of the quantity. The proposed enhanced quantity for a period of five years is 4,44,000 cum or 13,12,000 tons. As per the quarry plan there is a level difference of 28 meter within the mining area. Taking this into consideration the quantity that can be mined safely and scientifically will be about 70% of the proposed quantity. As far as EC compliance is concerned the proponent has stated that he is filing compliances regularly to the Regional office, MoEF, GOI, Bangalore and the officials have visited the site on 7-3-2019 and the certified copy is still awaited.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting the quantity to 70% of the proposed quantity, subject to submission of following informations to the authority.

1) Quarry audit report indicating the quantities already mined.

2) Certified copy of the EC compliance.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

12th March 2019

Members present in the meeting:

Chairman Shri. N. Naganna Shri. B. Chikkappaiah, IFS(R) Member Dr. N Krishnamurthy Member Dr. M.I. Hussain Member Dr. K.B Umesh Member Shri M. Srinivasa Member Shri G.T Chandrashekarappa Member Dr. Vinod kumar C.S Member Shri Vyshak V. Anand Merfiber Shri. D. Raju Member Shri J.G Kaveriappa Member Shri. VijayaKumar, IFS Secretary

218.34 Proposed Building Stone Quarry Project in Government Gomala Land at Sy. No. 16 of Kaategarahalli village, Gudibande Taluk, Chikkabalapur District (7-20 Acres) By Sri K. A. Shreenath Reddy (SEIAA 47 MIN 2019)

SI. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	Sri. K. A. Shreenath Reddy, S/o K. Ashwath Reddy, Ramapatna Post, No. 9, Kariganathammanahalli Gudibande Taluk	
2	Name & Location of the Project	"Building Stone Quarry" over an extent of 7- 20 Acres at Sy No. 16, Kategarahalli village, Gudibande Taluk, Chikkaballapur District, Karnataka	
3	Co-ordinates of the Project Site	Latitude: N 13° 41′ 53.2″	

	Longitude: E 77° 45′ 20.5″				
4	Type of Mineral .	Building Stone Quarry			
5	New / Expansion / Modification / Renewal	New			
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land			
7	Whether the project site fall within ESZ/ESA	No			
8	Area in Ha	3.03 Ha			
9	Actual Depth of sand in the lease area in case of River sand	NA			
10	Depth of Sand proposed to be removed	NA			
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry			
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area			
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,00,000 Tons/annum			
14	Quantity of Topsoil/Over burden in cubic meter	There is 1 m topsoil Available in this area.			
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	78,945 Tons			
16	Project Cost (Rs. In Crores)	12.82 crores			
17	Environmental Sensitivity				
	a. Nearest Forest	Beechaganahally Reserved Forest - 2.6 kms E			
	b. Nearest Human Habitation	Kaategarahalli Village - 1.0 Kms (SW)			
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibanda.			
	d. Water Bodies	Hosa Yerrahalli pond - 1.20 Kms (N) Kurlahally Pond - 1.85 Kms(S)			
	e. Other Specify				
18	Applicability of General Condition of the EIA Notification, 2006				
19	Details of Land Use in Acres				

	a.	Area for Mining/ Quarrying	5-19	
	b. Waste Dumping Area		0-02	
	c.	Top Soil Storage Area		
	d.	Mineral Storage Area	0-04	
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/Buffer Zone	1-13	
	h.	Unexplored area		
	i.	Others Specify		
20	N	Method of Mining/ Quarrying	Semi Mechani	ised Method Open quarrying
21		Rate of Replenishment in	NA	
41		case River sand project		
22	Wa	ter Requirement		
	a.	Source of water	Drinking water : Borewell from the village	
		Source of water	Dust Suppres	sion: River Water
			Dust	10.5 KLD
	-	Total Requirement of Water in KLD	Suppression	
'	b.		Domestic	2.2 KLD
			Other	2.38 KLD
			Total	15.08 KLD
23	23 Storm water management plan		Drains will be constructed along the	
			boundary of a	ctivity area
24	Any other information specific		NA	
	to the project (Specify)			

The Proponent and Environment Consultant attended the 218^{th} meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this proposal was granted on 26-7-2018. The proponent has stated that he made out an application to the DEIAA in August 2018. The DEAC has appraised the proposal and forwarded to DEIAA for issue of EC but the EC has not been issued. In the meantime due to change of policy the proponent has made out this application to SEIAA. From the records, it is noticed that at certain places Sy.No.34 has been mentioned instead of Sy.No.16 for which the proponent has stated that the notification issued by DMG for grant of quarry lease clearly mentions Sy.No.16 and he has also reiterated that the proposal is for Sy.No.16 only and not for Sy.No.34 which inadvertly appeared at certain places and in all major crucial documents only Sy.No.16 is mentioned.

As per the cluster map furnished by the proponent, the DMG has stated that there are no other quarries within the radius of 500 meters from this quarry. Hence the committee decided to categorise this proposal as B2 and proceeded with the appraisal.

As per the quarry plan there is a level difference of 12 meters within the mining lease and taking this into consideration only 80% of the proposed quantity can be mined scientifically and safely.

For the approach road the proponent has proposed to utilize the existing cart track road which runs for a length of 600 meters and joins all weather road.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.35 Proposed Building Stone Quarry in Government Revenue Land at Sy.No.59 of Brahmanarahalli Village, Gudibande Taluk, Chikkaballapura District (2-20 Acres) By Sri V Ashok Kumar (SEIAA 48 MIN 2019)

Sl.• No	PARTICULARS	INFORMATION _	
1	Name & Address of the Project Proponent	Sri. V Ashok Kumar, No-64, Aruru Village and post, Chikkaballapura Taluk & District.	
2	Name & Location of the Project	Over an extent of 2-20 Acres under (Government Revenue Land) Sy No: 59, BrahmanarahalliVillage, Gudibande Taluk, Chikkaballapur District, Karnataka	
3	Co-ordinates of the Project Site	Latitude: N 13° 39′ 11.3″ Longitude: E 77° 47′ 09.7″	
4	Type of Mineral	Building Stone Quarry	
5	New / Expansion / Modification / Renewal	New	
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land	



7	Wl	nether the project site fall	No
. '	wit	thin ESZ/ESA	•
8	Ar	ea in Ha	1.011 Ha
. 9	Actual Depth of sand in the lease		NA .
9	are	a in case of River sand	
10	,	pth of Sand proposed to be	NA
		noved	
		te of replenishment in case of	It's a Building Stone Quarry
11		er sand mining as specified in	
		sustainable sand mining ideline 2016	
		easurements of the existing	Fresh Area
		arry pits in case of	Tresh Tired
12		going/expansion/modification	
		mining proposals other than	·
		er sand	
13	An	nual Production Proposed	1,87,500 Tons/annum
10		etric Tons/ CUM) / Annum	
14	Quantity of Topsoil/Over burden		There is 0.8m topsoil Available in this area.
	in cubic meter		
15		neral Waste Handled (Metric	49,340 Tons
1/	_	ns/ CUM)/ Annum	2.25 average
16 17		oject Cost (Rs. In Crores) vironmental Sensitivity	3.35 crores
1/	EII		Narasimhadevarabetta state forest - 2.00
	a.	Nearest Forest	kms (W)
	b.	Nearest Human Habitation	Near Brahmanarahalli Village - 0.60 Kms (S)
	Ċ	Educational Institutos	The nearest post and telegraph office,
	c.	Educational Institutes, Hospital	hospital, schools, police station is situated in
		1105pttai	Gudibande.
	đ.	Water Bodies	Brahmanarahalli Lake - 0.85 Kms(SE)
			Gudibande Lake - 2.20 kms (NE)
	e.	Other Specify	
10		plicability of General	
18	Condition of the EIA		
19	Notification, 2006 Details of Land Use in Acres		
17		Area for Mining/ Quarrying	1-23
	a. b.	<u> </u>	0-02
	D. C.	Waste Dumping Area Top Soil Storage Area	U-UZ
	d.	Mineral Storage Area	0-06
	e.	Infrastructure Area	
	f.	Road Area	0-02
	g.	Green Belt Area/Buffer Zone	0-27
	I O.		97

	h.	Unexplored area			
	i.	Others Specify			
20	1	Method of Mining/ Quarrying	Semi Mechan	ised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA NA		
22	Wa	iter Requirement			
	a.	Source of water	Drinking water: Borewell from the village Dust Suppression: River Water		
ľ		Total Possissan and al Matan	Dust Suppression	10.5 KLD	
	b.	Total Requirement of Water in KLD	Domestic	2.2 KLD	
			Other	2.38 KLD	
		·	Total	15.08 KLD	
23	Storm water management plan		Drains will be boundary of a	e constructed along the activity area	
24		y other information specific the project (Specify)	NA		

. The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease Notification has been issued on 26-7-2018. The proponent has stated that he has made out an application to DEIAA for issue of EC during August 2018 and subsequent to this DEAC has appraised during its meeting held on 27-9-2018 and recommended for issue of EC. The committee also noted that there are no other leases within the 500 meter from this lease area. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change of policy this proposal has been forwarded to SEIAA.

As per the mining plan the level difference within the mining area of 1 Acre 23 guntas is 14 meters and taking this into consideration only 40% of the total quantity proposed can be mined safely and scientifically.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 2 KM and he has also stated that he will take up greenery in the buffer zone left within the lease area as there is average one meter depth of overburden soil.

Now proponent has also produced recent cluster sketch prepared by the DMG wherein it is stated that there are no other quarries within the 500 meter radius from this lease. Hence this proposal has been categorized under B2 category and proceeded with the appraisal.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 40%.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.36 Proposed Building Stone Quarry Project in Q.L.No221 at Sy.No.11 of Jonnalakunte Village, Chikkaballapura Taluk, Chikkaballapura District (3-00 Acres) By M/s. Rock Crushers (SEIAA 49 MIN 2019)

Sl. No	PARTICULARS	: INFORMATION	
1	Name & Address of the Project Proponent	M/s. Rock Crushers, Sy. No. 27, Old N. 11P1, Jonnalakunte village, Mandikal Hobli, Chikkaballapura District	
. 2	Name & Location of the Project	Building Stone Quarry over an extent 3-00 Acres in Govt Revenue Revenue Land at Sy No: 11, Jonnalakunte village, Chikkabalapur Taluk, Chikkabalapur District Karnataka	
3	Co-ordinates of the Project Site	Latitude: N 13° 36′ 40.2″ Longitude:E 77° 45′ 18.6″	
4	Type of Mineral	Building Stone Quarry	
5	New / Expansion / Modification / Renewal	Existing	
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land	
7	Whether the project site fall within ESZ/ESA	No	



8	Ar	ea in Ha	1.21 Ha
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		It's a Building Stone Quarry
12	Me qu on of	easurements of the existing arry pits in case of going/expansion/modification mining proposals other than er sand	897.25 m from the Existing pit Level
13		nual Production Proposed etric Tons/ CUM) / Annum	1,67,501 Tons/annum
14	Overtity of Toward / Ower 1		There is no top soil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		17,092 Tons
16	Pro	oject Cost (Rs. In Crores)	1.48 crores
17	7.75 0.20763		<u> </u>
	a.	Nearest Forest	Haristala Reserved Forest - 4.15 km (SE)
_	b.	Nearest Human Habitation	Jonnalakunte -0.65 Kms(W)
	c,	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura
	d.	Water Bodies	MandikalPond-2.75 Kms(SW) PeresandraLake-3.22 Kms(SE)
<u> </u>	e.	Other Specify	
18	Co	plicability of General ndition of the EIA tification, 2006	
19		tails of Land Use in Acres	
	a.	Area for Mining/ Quarrying	2-03
	b.	Waste Dumping Area/ Mineral Storage Area	0-01
	c. Road Area/ Infrastructure		0-01
	d.	Green Belt Area/Buffer Zone	0-35
	e.	Unexplored area	
	f.	Others Specify	
20	N	lethod of Mining/ Quarrying	Semi Mechanised Method Open quarrying
21		Rate of Replenishment in	NA

	case River sand project			
22	22 Water Requirement			•
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water	Dust Suppression	4.5 KLD	
		in KLD	Domestic	1.5 KLD
		III KED	Other	0.8 KLD
<u>.</u> .			Total	6.8 KLD
23	Sto	orm water management plan	Drains will be constructed along the	
	otorni water management plan		boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The proponent has stated that the lease for this proposal was granted during the year 2015 and EC for the same was also issued in May 2015 and he has also claimed exemption from the cluster effect since the EC was issued prior to 15-1-2016

This is a operating quarry for which the EC was issued on 22-5-2015. Since the EC was issued prior to 15-1-2016 the proponent has claimed that he has been exempted from the cluster effect. The proponent has also stated that the total quantity mined till this date will be approximately 2,67,000 tons or 1,00,000 cum. The proponent has made out an application to DEIAA for enhancement of the quantity subsequent to which DEAC during its meeting held on 4-9-2018 has recommended for issue of EC restricting the quantity to 80% of the proposed quantity of 8,37,509 tons for the plan period and further the file has been referred to SEIAA in view of change of policy.

As per the revised quarry plan prepared during December 2017, the level difference within the mining area of 2 acres 03 guntas is 25 meter, taking this factor into consideration and also the fact that the already mined quantity of 2,67,000 tons as reflected in the revised quarry plan, the total quantity that can be mined further for the plan period of five years will be 70% of the proposed quantity.

As regards compliance to the earlier EC the proponent has stated that he is regularly filing the compliance to the Regional office, MoEF, GoI. The officials from Regional office have visited on 7-3-2019 and certified compliance is still awaited.

As regards the management of waste the proponent has stated that he will utilise the waste for formation of approach road to a length of 550 meters and he has also stated that he will take up greenery on either side of the approach road as this cannot be taken in the lease area which is totally rocky outcrop.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 70% of the proposed quantity and to submission of following information to the Authority:

- 1) Quarry audit report indicating the quantities already mined.
- 2) Certified copy of the EC compliance.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.37 Proposed Building Stone Quarry Project at Sy.No.59 of Hosahudya Village, Bagepalli Taluk, Chikkaballapura District (2-26 Acres) By Sri N S Bhargava Reddy (SEIAA 50 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri N S Bhargava Reddy, S/o. Shivashankara Reddy, H-Nagasandra Village, Gowribidanur Taluk, Chikkaballapura		
2	Name & Location of the Project	Over an extent of 2-26 Acres under (Government Revenue Land) Sy No: 59, Hosahudya Village, Bagepalli Taluk, Chikkaballapur District, Karnataka		
3	Co-ordinates of the Project Site	Latitude: N 13° 39′ 11.3″ Longitude:E 77° 47′ 09.7″		
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	New		



	Тът	pe of Land [Forest,	Government Land
6	Government Revenue, Gomal,		
		vate/Patta, Other]	
		· · · · · · · · · · · · · · · · · · ·	No
7	Whether the project site fall		110
	WI	thin ESZ/ESA	1.07.17
8	Ar	ea in Ha	1.07 Ha
9	Ac	tual Depth of sand in the lease	NA
9	are	a in case of River sand	
10	De	pth of Sand proposed to be	NA
		noved	
		te of replenishment in case of	It's a Building Stone Quarry
11		er sand mining as specified in	
		sustainable sand mining	
<u> </u>		ideline 2016	
		easurements of the existing	Fresh Area
4.0		arry pits in case of	
12		going/expansion/modification	
		mining proposals other than er sand	
		\$4.5 to 1.1.4 to 1.1.	1 09 750 Tong/annum
13		nual Production Proposed etric Tons/ CUM) / Annum	1,98,750 Tons/annum
	Quantity of Topsoil/Over burden		There is 1.0m topsoil Available in this area.
14	in cubic meter		incre is 1.out topout it valuable in this area.
		neral Waste Handled (Metric	52,300 Tons
15		ns/ CUM)/ Annum	
16		oject Cost (Rs. In Crores)	2.90 crores
17	En	vironmental Sensitivity	
	a.	Nearest Forest	Gadidam State Forest - 4.30 Kms(SE)
	b.	Nearest Human Habitation	Hosahudya Village - 2.25 Kms(SW)
i.		Educational Institutes,	The nearest post and telegraph office,
	c.	Hospital	hospital, schools, police station is situated in
		1103p1tti	Bagepalli.
ļ !	d.	Water Bodies	Hosahudya kere - 2.70 Kms (S) Bagepalli
			Lake - 5.10 Kms(S)
ļ!	e.	Other Specify	
40	Applicability of General		
18		ndition of the EIA	
10	Notification, 2006		<u>.</u>
	Details of Land Use in Acres		
19			1 20
17	a.	Area for Mining/ Quarrying	1-38
17	a. b.	Waste Dumping Area	0-02
17	a.		

	e.	Infrastructure Area				
	f.	Road Area	0-02			
	g.	Green Belt Area/Buffer Zone	0-20	0-20		
	h.	Unexplored area				
	i.	Others Specify		•		
20	<u> </u>	Method of Mining/ Quarrying	Semi Mechan	ised Method Open quarrying		
21		Rate of Replenishment in	NA			
		case River sand project				
22	Wa	ater Requirement				
	a.	Source of water	Drinking water: Borewell from the village			
	<u> </u>			sion: River Water		
			Dust	10.5 KLD		
		Total Requirement of Water	Suppression			
	Ъ.	in KLD	Domestic	2.2 KLD		
:			Other	2.38 KLD		
<u> </u>			Total	15.08 KLD		
23	Storm water management plan		Drains will be constructed along the			
			boundary of a	ctivity area		
24		y other information specific	NA			
نـــــــا	to t	he project (Specify)	•			

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease Notification has been issued on 26-7-2018. The proponent has stated that he has made out an application to DEIAA for issue of EC during August 2018 and subsequent to this DEAC has appraised during its meeting held on 27-9-2018 and recommended for issue of EC. The committee also noted that there are no other leases within the 500 meter from this lease area. The same has been certified by the Member Secretary of DEAC who happens to be the Senior Geologist and in view of change of policy this proposal has been forwarded to SEIAA. Now the proponent has furnished fresh cluster map prepared by DMG on 31-1-2019 wherein it is mentioned that there are two quarries within the 500 meter radius including this quarry and overall area is 7 Acres 26 guntas which is less than the threshold limit of 5 Ha.

As per the mining plan the level difference within the mining area of 1 Acre 38 guntas is 16 meters and taking this into consideration only 40% of the total quantity proposed can be mined safely and scientifically.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 600 meters and he has also stated that he will take up greenery in the buffer zone left within the lease area as there is average 0.6 meter depth of overburden soil.

Considering the above facts the committee after discussion and deliberations decided to recommend for issue of Environment Clearance restricting the quantity to 40%.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.38 Proposed Building Stone Quarry Project at Sy. No. 168 of Varlakonda village, Gudibande Taluk, Chikkaballapura District (2-00 Acres) By Sri T S Ashwathappa (SEIAA 51 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. T S Ashwathappa, S/o Subbarayappa, Teelakuntahalli Village, Varlakonda Post, Chikballapur District
2.	Name & Location of the Project	Over an extent of 2-00 Acres under (Government Revenue Land) Sy No: 168, Varalakonda Village, Gudibande Taluk, Chikkaballapur District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 36′ 45.4″ Longitude: E 77° 46′ 21.9″
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land



7		hether the project site fall ithin ESZ/ESA	No	
8	A	rea in Ha	0.809 Ha	
9	Actual Depth of sand in the lease area in case of River sand		NA · ·	
10		epth of Sand proposed to be moved	NA	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		It's a Building Stone Quarry	
12	Measurements of the existing quarry pits in case of		Fresh Area	
13		nnual Production Proposed letric Tons/ CUM) / Annum	1,50,000 Tons/annum	
14	Quantity of Topsoil /Over handen		There is 0.5m topsoil Available in this area.	
15		ineral Waste Handled (Metric ns/ CUM)/ Annum	39,475 Tons	
16	Pr	oject Cost (Rs. In Crores)	2.90 crores	
17	En	vironmental Sensitivity		
	a.	Nearest Forest	Haristala Reserved Forest -3.2 kms (S)	
	b.	Nearest Human Habitation	Varlakonda Village - 3.1 Kms (NE)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande.	
	d.	Water Bodies	Peresandra Lake - 2.0 Kms (SE) Varalakonda Lake - 1.8 Kms(NE)	
	e.	Other Specify		
<u> </u>		plicability of General		
18		ndition of the EIA		
4.0		tification, 2006		
19	Details of Land Use in Acres			
,	a.	Area for Mining/ Quarrying	1-12	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area		
	d. Mineral Storage Area		0-06	
	e.	Infrastructure Area		
<u> </u>	f.	Road Area	0-02	
	g.	Green Belt Area/Buffer Zone	0-18	
			100	

	h.	Unexplored area	water .	
	i.	Others Specify		
20	N	Method of Mining/ Quarrying	Semi Mechani	ised Method Open quarrying
21	-	Rate of Replenishment in	NA.	
21		case River sand project [*]		
22	Wa	iter Requirement		
	 a.	Source of water	Drinking water	er : Borewell from the village
	а.	Source of water	Dust Suppres	sion: River Water
			Dust	10.2 KLD
		Total Requirement of Water in KLD	Suppression	
	b.		Domestic	1.8 KLD
			Other	0.84 KLD
	ŀ		Total	12.84 KLD
23	20 6		Drains will be constructed along the	
	310	rm water management plan	boundary of activity area	
24	Any other information specific		NA	
24	to the project (Specify)			

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noticed certain discrepancies in the information furnished by the proponent.

Hence the committee after discussion decided to defer the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.39 Proposed Grey Granite Quarry Project in Government Kharab Land at Sy.No.132(P) of Kothakota Village, Bagepalli Taluk, Chikkaballapur District (4-00 Acres) By Sri CN Prakash (SEIAA 52 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
: 1	Name & Address of the Project Proponent	Sri CN Prakash S/o. Sri Narayana Reddy Chimakalahalli,Thokalahalli Post, Gowribidanur Taluk, Chikkabalapura District
2	Name & Location of the Project	Sy No: 132(P), Kothakota Village,Bagepalli Taluk, Chikkaballapur District.

3	Co-ordinates of the Project Site	Latitude: N 13° 54′ 51.3″ Longitude: E 77° 51′ 27.6″
4.	Type of Mineral	Grey Granite Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
7	Whether the project site fall within ESZ/ESA	No
- 8	Area in Ha	1.618 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11.	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Grey Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	12,400 Cu m
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0 m topsoil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	16,187 Tons
16	Project Cost (Rs. In Crores)	2.90 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Somarajum RF:
.	b. Nearest Human Habitation	Kothakot Village – 2.25 Kms(SW)
	c. Educational Institutes,	The nearest post and telegraph office, hospital,
-	Hospital	schools, police station is situated in Bagepalli.
-	d. Water Bodies	Kottekote Kere : 650 m NW
	e. Other Specify	
18	Applicability of General Condition of the EIA	!
10. j	Notification, 2006	
19	Details of Land Use in Acres	

	a.	Area for Mining/ Quarrying	2-19 .		
	, b.	Waste Dumping Area .	0-01		
	c.	Top Soil Storage Area			
	d.	Mineral Storage Area	0-10		
	e.	Infrastructure Area			
	f.	Road Area	0-01		
	g.	Green Belt Area/Buffer Zone	0-35		
	h.	Unexplored area	0-15	-	
	i.	Others Specify			
20	N	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying		
21	Rate of Replenishment in		NA		
<u> </u>					
22	Wa	iter Requirement			
	a.	Source of water	Drinking water : Borewell from the village		
	a.	Source of water	Dust Suppression: River Water		
			Dust	10.5 KLD	
		Total Requirement of Water	Suppression		
	b.	in KLD	Domestic	2.2 KLD	
			Other	2.38 KLD	
			Total	15.08 KLD	
23	Ctorm viotor management alea		Drains will be constructed along the		
		rm water management plan	boundary of activity area		
24	1	y other information specific	NA		
<u> </u>	to the project (Specify)				

The proponent was invited for the 218^{th} meeting held on 11-3-2019 to provide required clarification. The proponent remained absent with intimation.

The Committee decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.40 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk, Chikkaballapur District (4-30 Acres) By M/s. Sasa Stones Pvt Ltd. (SEIAA 53 MIN 2019)



f -					
		M/s. Sasa Stones Pvt Ltd.,			
Ì		Managing Partner			
1	Name & Address of the Project	Gorvigeri Anand Kumar Vikranath,			
ŀ	Proponent	No.190, 1st Floor, 49th Croos,			
		3rd Block, Rajajinagar, Bangalore-10,			
		Karnataka.			
		Over an extent of 4-30 Acres under			
		(Government Revenue Land) Sy No: 43,			
2	Name & Location of the Project	Chikkanagavalli Village, Chikkaballapura			
		Taluk, Chikkaballapur District, Karnataka			
3	Co-ordinates of the Project Site	Latitude: N 13° 36′ 34.3″			
	-)	Longitude:E 77° 45′ 34.1″			
4	Type of Mineral	Building Stone Quarry			
5	New / Expansion / Modification	Existing			
	/ Renewal				
		Government Land			
	Type of Land [Forest,	Government Band			
6	Government Revenue, Gomal,				
	Private/Patta, Other]				
	Whather the project site fall	No			
7	Whether the project site fall within ESZ/ESA				
8	Area in Ha	1.922_Ha			
9	Actual Depth of sand in the lease	NA			
	area in case of River sand				
10	Depth of Sand proposed to be	NA			
	removed				
	Rate of replenishment in case of	It's a Building Stone Quarry			
11	river sand mining as specified in				
	the sustainable sand mining guideline 2016				
	Measurements of the existing	T1- A			
	quarry pits in case of	Fresh Area			
12	ongoing/expansion/modification				
	of mining proposals other than				
	river sand				
	Annual Production Proposed	1,98,750 Tons/annum			
13	(Metric Tons/ CUM) / Annum	1,70,700 TOHS/ AHHUH			
	Quantity of Topsoil/Over burden	There is 1 0m topsoil Available :- 4:-			
14	in cubic meter	There is 1.0m topsoil Available in this area.			
	Mineral Waste Handled (Metric	31580 Tons			
15	Tons/ CUM)/ Annum	01000 1010			
16	Project Cost (Rs. In Crores)	2.90 crores			
	, , , , , , , , , , , , , , , , , , , ,	110			

17	Environmental Sensitivity						
	a.	Nearest Forest	Haristhala Res	served Forest - 4.00 Kms (S)			
	b.	Nearest Human Habitation	Chikkanagavalli Village - 0.90 Kms (S)				
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande.				
	d.	Water Bodies	Adegarahalli Pond - 1.40Kms (S) Kamaganapalli Lake - 3.40				
	e.	Other Specify	, man pang				
18	Co No	plicability of General ndition of the EIA tification, 2006	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•			
19	De	tails of Land Use in Acres					
	a.	Area for Mining/ Quarrying	2-38				
	b.	Waste Dumping Area	0-03				
	c.	Top Soil Storage Area					
	d. Mineral Storage Area		0-06				
•	٠e.	Infrastructure Area	7 .				
	f.	Road Area	0-03				
	g.	Green Belt Area/Buffer Zone	1-20				
	h.	Unexplored area					
	i.	Others Specify					
20	N	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying				
21		Rate of Replenishment in	NA ⁻				
		case River sand project					
22	Wa	ter Requirement					
	a.	Source of water		er : Borewell from the village sion: River Water			
		Total Requirement of Water	Dust Suppression	10.5 KLD			
	Ъ.	in KLD	Domestic	2.2 KLD			
			Other	2.38 KLD			
		· .	Total	15.08 KLD			
23	Storm water management plan		Drains will be constructed along the boundary of activity area				
24		y other information specific the project (Specify)	NA				

The proponent was invited for the $218^{\rm th}$ meeting held on 11-3-2019 to provide required clarification. The proponent remained absent without intimation.

The Committee decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.41 Proposed Mathigatta Quartz & Clay Mine in Govt Revenue Land at Sy.No.109, Mathigatta Village, Chikkanayakanahalli Taluk, Tumkur District (8-18 Acres) by M/s. Brindavan Granites(SEIAA 54 MIN 2019)

SI. No	PARTICULARS	INFORMATION					
1	Name & Address of the Project Proponent	M/s. Brindavan Granites #1/1, Black Diamond House 4th Cross, 1st Block, Jayanagara, Bengaluru- 560011.					
2	Name & Location of the Project	Mathigatta Quartz & Clay Mine in 8-18 Acres of Govt. Revenue Land bearing Sy. No. 109, Mathigatta Village, Chikkanayakanahalli Taluk, Tumkuru District, Karnataka, vide ML No. 2197					
3	Co-ordinates of the Project Site	C. P Latitude Longitude A N 13° 25′33.1″ E 76° 28′48.6″ B N 13° 25′34.2″ E 76° 28′53.0″ C N 13° 25′32.0″ E 76° 28′56.9″ D N 13° 25′29.8″ E 76° 28′56.1″ E N 13° 25′30.8″ E 76° 28′50.8″ F N 13° 25′25.9″ E 76° 28′52.0″ G N 13° 25′26.7″ E 76° 28′48.4″					
4	Type of Mineral	Quartz & Clay					
5	New / Expansion / Modification / Renewal	Renewal					
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Govt. Revenue					
7	Whether the project site fall within ESZ/ESA	No					
8	Area in Ha	3.41 Ha.					
9	Actual Depth of sand in the lease area in case of River sand	NA					
10	Depth of Sand proposed to be removed in case of River sand	NA					
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining	NA ·					

	oni	deline 2016			
		asurements of the existing	NA		
†·		asurements of the existing arry pits in case of			
12	_				
12		going/expansion/modification			
		mining proposals other than er sand			
			10.044 H		
13		nual Production Proposed	12,366 Tons per Annum of Quartz and 31,383		
		etric Tons/ CUM) / Annum	Tons per Annum of Clay from the quarry.		
14		antity of Topsoil/Over burden	None		
		ubic meter			
15		neral Waste Handled (Metric	49,463 Tons (Total)- Quartz		
	Tor	ns/ CUM)/ Annum	83,688 Tons (Total) - Clay		
16	Pro	ject Cost (Rs. In Crores)	0.40		
17	Env	vironmental Sensitivity			
	a.	Nearest Forest	Halkurik Amrit Mahal Kaval SF 2.2 Km S-SE		
	b.	Nearest Human Habitation	Mathigatta – 1.5 Km		
	,	Educational Institutes,			
	C.	Hospital			
			Maddipura Kere 1.5 Km towards NE		
			Dasihallipalya Kere 1.5 Km E-SE		
	d.		Basaveshwarapura Kere 2.5 Km S		
		Water Bodies	Malligere Kere 3.25 Km N-NW		
			Mattighatta Kere 3.8 Km N		
			Abegalli Kere 4.25 Km E		
			Rangapura Kere 4.5 Km W-SW		
	e. Other Specify		<u> </u>		
	Ap	plicability of General	None		
18		ndition of the EIA Notification,			
	200	•	, and the second		
19	Det	ails of Land Use in Ha			
	a.	Area for Mining/ Quarrying	1.40 Ha.		
	b.	Waste Dumping Area			
	<u>с.</u>	Top Soil Storage Area			
	d.	Mineral Storage Area			
	e.	Infrastructure Area			
	f.	Road Area	0.07		
		Green Belt Area	0.07		
	g.		1 04		
	h. Unexplored area		1.94		
- 20	i. Others Specify				
20	Method of Mining/ Quarrying		Opencast Semi-mechanized		
21	River sand project		NA		
22		ter Requirement			
.]	a.	Source of water	Nearby Borewell Water		
	b.	Total Requirement of Water	Dust 3.15		

	in KLD	Suppression			
		Domestic	0.870		
		Other	1.50	• • •	
		Total	5.52		
23	Storm water management plan	Will be carrie	ed out.		
24	Any other information specific to	None	-	· · · · · · · · · · · · · · · · · · ·	
24	the project (Specify)				

The Proponent and Environment Consultant attended the 218th meeting held on 11-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the proponent has stated that the lease for this proposal has been granted initially in the year 1995 for the period of 20 years for mining of quartz only and is valid upto 2015 and he has also stated that he has made out an application for the renewal of the lease well within the time during 2014 itself. As the renewal was not granted the proponent has stated that he has stopped the mining from April 2015 and it is still inoperative till date. In the meantime the quartz minerals has been reclassified from major mineral to specified minor mineral for which the EC was made mandatory whereas for the earlier operation EC was not mandatory as the proposal was for mining of quartz only. While attempts were being made to get the EC, KMMCR has been amended granting deemed extension for 30 years.

Now this proposal is for mining quartz and associated clay for which DMG has approved modified mining quarry plan. The proponent has stated that he has made out an application to the DEIAA and consequent to this DEAC held a meeting and appraised the proposal on 8-2-2018 and 15-6-2018 and after getting the required additional details recommended for DEIAA for issue of EC and it was pending at DEIAA. In the meanwhile due to change of policy the proponent has made out an application to SEIAA. In addition to this the proponent has stated that he has operated the mine initially in 1995 and extracted only about 100 tons of the mineral and after that he has stopped mining till 2013 and operated upto 2015. In this regard the proponent has stated that audit report for the previous five years has not yet been issued by DMG and will be submitted to SEIAA before issue of EC. The committee after discussion decided to defer the subject due to some discrepancies in calculating the quantity of the mine to be extracted for which the proponent has agreed to come back with the proper details.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.42 Proposed "Building Stone Quarry" in Govt Revenue land at Sy.No.34, Valasenahalli Village, Chikkaballapura Taluk & District(7-00 Acres) by Smt. B.N Usha Nandini(SEIAA 55 MIN 2019)

Sl.	PARTICULARS	INFORMATION
No	TANTICOLANS	INFORMATION
1	Name & Address of the Project Proponent	Smt. B. N. Usha Nandini, W/o. Y. A Narayanaswamy, #461, 7th Cross, 4th Main, Dollars Colony, R.M.V. 2nd Stage, Bangalore, Karnataka-560094
2	Name & Location of the Project	Over an extent of 7-00 Acres under (Government Revenue Land) Sy No: 34, Valasenahalli Village, Chikkaballapura Taluk, Chikkaballapur District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 29′ 16.5″ Longitude:E 77° 37′ 11.4″
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
7	Whether the project site fall within ESZ/ESA	No -
8	Area in Ha	2.832 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,50,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0m topsoil Available in this area.

15		ineral Waste Handled (Metric ns/ CUM)/ Annum	92,105 Tons		
16		oject Cost (Rs. In Crores)	1.42 crores		
17		vironmental Sensitivity	- lu		
	a.	Nearest Forest	Narasimhadevarabetta Reserved Forest - 3.2 Kms (SE)		
	b.	Nearest Human Habitation	Machenahalli	Village - 2.30 Kms (NW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura.		
	d.	Water Bodies		Lake - 1.35 Kms(N)	
	e.	Other Specify			
	Ap	plicability of General			
18	Co	ndition of the EIA			
	No	tification, 2006		,	
19	De	tails of Land Use in Acres			
	a.	Area for Mining/ Quarrying	5-10		
	b,	Waste Dumping Area	0-02		
	c.	Top Soil Storage Area		12.0	
	d.	Mineral Storage Area	0-04		
	e.	Infrastructure Area		·	
	f.	Road Area	0-02		
	g,	Green Belt Area/Buffer Zone	1-22		
	h.	Unexplored area			
	i.	Others Specify			
20	N	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying		
21		Rate of Replenishment in	NA		
		· case River sand project			
22	Wa	ter Requirement			
	a.	Source of water		er: Borewell from the village sion: River Water	
			Dust	10.7 KLD	
			Suppression	10.7 KED	
	b.	Total Requirement of Water	Domestic	2.4 KLD	
		in KLD	Other	2.38 KLD	
			Total	15.10 KLD	
	3 Storm water management plan			constructed along the	
23			boundary of a		
24		y other information specific he project (Specify)	NA NA		

The Proponent and Environment Consultant attended the 218th meeting held on 12-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the quarry lease has been granted on 4th August 2018. The proponent has stated that he has made out an application to DEIAA and subsequent to this the same has been appraised in DEAC on 27-9-2018 and recommended for issual of EC and it was pending at DEIAA. In the mean time due to change in policy the proponent has stated that he has made out the application to SEIAA. As seen from the cluster map submitted by the proponent there are no other leases within 500 meters from this lease. Hence there is no cluster effect.

As seen from the quarry plan there is a level difference of 30meter within the mining area and the proposed quantity can be mined scientifically and safely to a quarry pit depth of 20 meter. The proponent has stated that he will utilize the existing cart track road connecting quarry area to the all weather road at a dstance of 600 meter. The proponent also stated that since the quarry area is rocky outcrop, the greenery cannot be developed in the quarry area and it will be developed all along the 600 meter approach road and other roads.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.43 Proposed Building Stone Quarry in Govt land at Sy.No.88, Seebanahalli, Channapatna, Ramanagara Dist (0.20 Acres) by Sri. Siddegowda(SEIAA 56 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri.Siddegowda S/o Kempegowda Np-4437, 6 th Main Road, Rajakempegowda layout Channapattana Town, Ramanagara District



2		Building Stone Quarry Sri.Siddegowda Extent of 0-20 Acers under part of Sy.No-88 Seebanahalli village, ChannapattanaTaluk, Ramanagara District, Karnataka.						
3	Co-ordinates of the Project Site	P.No. Latitude Longitude Boundary point-A N 12°39.417′ E 77°06.238′ Boundary point-B N 12°39.417′ E 77°06.260′ Boundary point-C N 12°55′27.9″ E 77°06.260′ Boundary point-D N 12°55′30.2″ E 77°06.238′						
4	Type of Mineral	Building stone.						
5	New / Expansion / Modification / Renewal	Modification						
6	Type of Land [Forest Government Revenue, Gomal Private/Patta, Other]							
7	Whether the project site fall within ESZ/ESA	n - ·						
8	Area in Ha	0-20 acres						
9.	Actual Depth of sand in the lease area in case of River sand							
10	Depth of Sand proposed to be removed							
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Year Saleable Building Stone in Tonnes 1st 678 2nd 704 3rd 717 4th 785 5th 810 Total 3694						
12	Quantity of Topsoil/Over burden	-						
13	in cubic meter Mineral Waste Handled (Metric Tons/ CUM)/ Annum	75 Tonnesfor a period of 5 years.						
14	Project Cost (Rs)	5 lakhs.						
15	Environmental Sensitivity							
	a. Nearest Forest							
	b. Nearest Human Habitation C. Educational Institutes,	Seebanahalli 0.8km from the proposed lease area. Channapattana 10 km from the proposed lease area.						
	Hospital							

	d.	Water B	odies		-			
	e.	Other Sp	ecify				•	
	Appl	icability		of General		•		• • • • • • • • • • • • • • • • • • • •
16	Cond	lition of t	the EIA	Notification,				
	2006		<u> </u>					
17	Detai	ls of Lanc	l Use i	n Ha				_
}		S1.		Particulars		Total la	nd use at the end of plan	
ļ		No.					period in acres	
								1
		1	A	rea to be excav	ated		0-10	-
Ĭ.		2		Storage of top s	soil			1
		3	Infr	astructure(wor	kshop,		0-01	
				ninistrative bui	_			
		4						<u> </u>
		4		Roads 0-01		·		
·	5 Total		Green belt			0-07		
						0-20		_
,								
18	Method of Mining/ Quarrying			Mathod of Mining is Sami Machanizad with Open Cast Method				
10				Method of Mining is Semi-Mechanized with Open Cast Method. The mining operation involves drilling, loading and unloading				
19	Wate	r Require	ment	The hining of	Jeration ii	ivolves ul	imig, ioading and timoadin	·8
. 17	rruce	require	iiiciit	As no surface	water so	urces are a	available in the Ouarry leas	e area Bore
	-	_	_	As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from				
	a.	Source	of	nearby village.				
		water		, ,		water is	proposed to be utilized f	or domestic
j					•		pression, Afforestation etc.	,
		Total		Dust Suppura			0.5	
-	h	Requirer	nent	Domestic			0.5	
	b.	of Wat	er in	Other			0.5	
		KLD		Total			1.5	
20	Storn	1	water	_				
20	management plan							

The Proponent and Environment Consultant attended the 218th meeting held on 12-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that it is a operating quarry with a lease area of 20 guntas. The committee opined

that the mining activity cannot be carried out scientifically and safely in such a small area by semi mechanized method for which the proponent and consultant have stated that they will make out a modified application to carry out the mining by manual mode.

Hence the committee after discussion/deliberation decided to defer the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.44 Proposed Building Stone Quarry(M-sand) at Govt Gomala Land at Sy.No.47, Bettahalli, Malur District Kolar (8-00 Acres) by Sri. T. Basapathi (SEIAA 57 MIN 2019)

Sl. No	PARTICULARS	INFORMAT	INFORMATION				
1	Name & Address of the Project Proponent	No.59\6 th ci VeerannaAa	Sir T. Basapathi No.59\6 th cross, VeerannaAashrama, Malleshwaram, Bangalore-560003.				
2	Name & Location of the Project	Building St Sri.T.Basap Extent of 8-0 Bettahalli V	one (M-sand) Quarry athi, 00 Acers under part of	of Sy.No-47			
3	Co-ordinates of the Project Site	Boundary Points A B C	N 12° 58′ 50.3955″ N 12° 58′ 52.1899″ N 12° 58′ 48.2326″ N 12° 58′ 46.6309″	E 78° 06′ 26.6638″ E 78° 06′ 34.4089″ E 78° 06′ 36.4797″ E 78° 06′ 28.6236″			
4	Type of Mineral	Building sto	ne				
5	New / Expansion / Modification / Renewal	New	٠.				
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Governmen	t Gomala Land				
7	Whether the project site fall within ESZ/ESA	No					

8	Area in Ha	1	3.237 ha								
9 .		pth of sand e area in case nd	NA	•				·			
10	Depth proposed removed	of Sand to be	NA								
	Annual	Production	Year 1st 2nd		e in Tor 188	Building ines					
11	Proposed (Metro Tons/ CUM) / Annua		3rd 4th 5th	3,84, 3,92, 5,83,	.320 .688 .562		-				
12	Quantity Topsoil/O in cubic me		Total Nill 	21,04	4,230]	-			
13		(Metric M)/ Annum			s for Fiv	e year		,		.,	٠
14	Project Cos		50 lakhs.							 	
15	a. Neare Fores Neare Neare Neare Huma Habit	t Bet	tahalli 0.8	km fr	om the	proposed	l lease	area.			
	c. Institu	ational Ma utes, ital	ılur 18.5 kn	n fron	n the pr	oposed l	ease a	rea.			
	e. Other	r Bodies Specify	· · · · · · · · · · · · · · · · · · ·								
16	Applicabil General C of the Notificatio	Eondition EIA				•					
17	Details of 1	Land Use in I									
	Sl. No.	Parti	culars		Total l	and use	at the		f plar	perio	od
	1	Area to be	e excavated	i			6-2	0			
	2	Storage	of top soil				0-1	0			

	3	Infrastr	ucture(workshop,	0-01
		admini	strative building)	
	4	-	Roads	0-04
	5		Railways	-
	6		Green belt	1-05
		To	tal	8-00
		1	d of Minima in Committee	
	J		u or wining is Semi-Wining operation involv	echanized with Open Cast Method.
Wa	Water Requireme		0 1	or arming that amounting
nt		·		
		of	from nearby village. About 6.0 KL/day	of water used in the Quarry and it is borrow of water is proposed to be utilized for dome for dust suppression, Afforestation etc.
	Total		Dust Suppuration	2
b.			Domestic	2
	1	ater in		2
			Total	6
mai	nagemer		.	
	Min Qu Wa Recont a. b.	4 5 6 Method of Mining/Quarrying Water Requirement a. Source water Total Required for WKLD Storm	Method of Mining/ Method of Mining/ Method of Mining/ Method of Mining/ Method The minimal Mater Requirement of Water Mater Source of Water water Mater in KLD Storm water management	administrative building) 4 Roads 5 Railways 6 Green belt Total Method of Mining/ Quarrying Method of Mining operation involv Water Requirement of water A Source of water Total Bore well is the sour from nearby village. About 6.0 KL/day purposes, sprinkling Dust Suppuration Domestic Other KLD Storm water Total Storm water Total Storm water Total Storm water Total Storm water Total Storm water Total Storm water Total Requirement Of Water in KLD Total

The proponent was invited for the 218th meeting held on 12-3-2019 to provide required clarification. The proponent remained absent and submitted a letter through their consultant during the meeting requesting to consider their file in the next meeting.

The Committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.45 Proposed Stone (M-sand) Quarry" of Govt Gomala land at Sy.No.47, Bettehalli village, Malur Taluk, Kolar District (3-0 Acres) by Smt. T.B Vanitha(SEIAA 58 MIN 2019)

SI			\neg
) JI.	PARTICULARS	INFORMATION	
No			-

	NT 0 Add Cul-	Smt T. B. V					
1	Name & Address of the	No.59\6 th cross,					
٠ .	Project Proponent		Veeranna Aashrama,				
			ram, Bangalore-560003				
		_	one (M-sand) Quarry	of			
	•	Smt.T.B. Va		(
_	Name & Location of the	,	-00 Acers under part o	f Sy.No-47			
2	Project	Bettahalli V	0 '				
		MalurTalu	•				
		Kolar Distr	rict, Karnataka.				
		Boundary	Latitude	Longitude			
		Points	Lucitude	Zongmade			
		A	N 12° 58′ 46.4886″	E 78° 06′ 37.4917″			
	Co-ordinates of the Project	В	N 12º 58' 45.6462"	E 78º 06' 36.7515"			
3	Site	C	N 12º 58' 46.5968"	E 78º 06' 35.4067"			
	1	D	N 12º 58′ 45.2372″	E 78° 06′ 29.3486″			
		Е	N 12° 58′ 46.6309″	E 78° 06′ 28.6236″			
		F	N 12º 58' 48.2326"	E 78º 06' 36.4797"			
4	T (NA: 1	Building Stone					
4	Type of Mineral						
	New / Expansion /	/ New					
5	Modification / Renewal						
		Covernme	nt Gomala Land				
	Type of Land [Forest,	Governmen	iit Gomata Land	•			
6	Government Revenue,						
U	Gomal, Private/Patta,						
	Other]			v			
· · ·		NO					
7	Whether the project site		•				
,	fall within ESZ/ESA	,					
8		1.214 ha		1,144,144			
Ü	Area in Ha	I.ZIFIIU					
	Astrol Double of good in	NIA					
9	Actual Depth of sand in the lease area in case of						
9	River sand						
<u> </u>	Depth of Sand proposed to	-NA	\$				
10	be removed						
,		Year S	Saleable Buildin	g			
	Annual Production		Stone in Tonnes	0			
11	Proposed (Metric Tons/	1st	1,85,280				
. **	CUM) / Annum	2 nd	1,87,152	<u> </u>			
r		3rd	1,88,138				
			1,00,100				

				4th	1.00 502			
				 	1,90,503		:	
,	•		,	5th	. 1,92,178 .			
		·		Total	9,43,251		<u> </u>	
12			psoil/Over	NA				
		in cubic			•			
	Mineral	Waste	Handled	49,644 to	ones for five years			
13	(Metric	,	CUM)/		•		ļ	
	Annum				<u>. </u>		į	
14		Cost (Rs		20 lakhs	5.			
15			Sensitivity					
	lal	rest	Nill					
	Fore							
	1 i	rest	Bettahalli (0.8 km fro	om the proposed lease	e area.		
	b. Hur							
ļ Ž	Habitation							
-	i i	cational	Malur18.4	Malur18.4 km from the proposed lease area.				
	1 1	itutes,						
		pital						
	d. Wat		No					
	Bod				11/1			
	e. Oth							
	Applicability of NA							
	Applicability of NA General							
	Condition	n of	,					
16	the	EIA			,			
	Notificat							
	2006	.1011,						
17		f Land I	Jse in Ha	*				
	Sl.No.		Particulars		plan period in acre	Ng		
		-				:8		
	1.		to be excav		2-05			
	2.		rage of tops		0-04			
	3.	1	nfrastructure	2	0-01			
	4.		Roads		0-02			
ļ	5.		Green belt		0-28			
			otal		3-00			
	Method	of						
18	Mining/	Í	Method of N	Mining is	Semi-Mechanized wi	th Open Cast Me	thod.	
10 1	Quarryir	ıg	The mining	operation	n involves drilling, loa	nding and unload	ling	
19	Water	ſ						
	Requiren	nent	<u></u>					
	Sour	ce of	Bore well is	the sour	ce of water used in th	e Quarry and it	is borrowed	
	a. 📭		from nearb	v village.		*		
	water	r			of water is proposed		i	

			purposes, s	prinkling for dus	t suppression and Afforestation	on.
	Total Requireme		Dust Suppu	ration	1.5	
			e Domestic		1.0	
	υ.	nt of Wa	er Other		1.5	
		in KLD	Total		4.0	
	Sto	rm water	NA .			
20	managemen					
	t p	lan				

The proponent was invited for the 218th meeting held on 12-3-2019 to provide required clarification. The proponent remained absent and submitted a letter through their consultant during the meeting requesting to consider their file in the next meeting.

Hence, the committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.46 Proposed Building Stone Quarry (M-sand) in Govt Gomala Land at Sy.No.47, Bettahalli, Malur, Kolar District (2-30 Acres) by Smt. Savithramma (SEIAA 59 MIN 2019)

SI. No	PARTICULARS	INFORMAT	TION		٠.	
		SmtSavithr	amma			
	Name & Address of the Project	C/o T. Basa	pathi			
1	1	No.59\6th c	ross	•		
	Proponent	VeerannaAa	is h rama			
		Malleshwar	am, Bangalore-560 00	03.		
		Building Sto	one (M-sand) Quarry	of		
		SmtSavithr	amma			
2	Name & Location of the Project	Extent of 2-30 Acers under part of Sy.No-47				
-		SmtSavithramma Bettahalli Village,				
		MalurTaluk, Kolar District, Karnataka.				
	_	Boundary	Latitude	Longitude		
		Points				
		A	N 12º 58' 52.1299"	E 78° 06′ 34.0815″		
3	Co-ordinates of the Project Site	В	N 12º 58′ 52.9554″	E 78° 06′ 37.6122″		
		С	N 12º 58′ 51.6573″	E 78° 06′ 38.1758′		
		D	N 12° 58′ 48.8297″	E 78° 06′ 37.2898″		
		Е	N 12º 58′ 46.4886″	E 78° 06′ 37.4917′		

		F N 12° 58′ 48.2326″ E 78° 06′ 36.4797″
4	Type of Mineral	Building stone
5	New / Expansion / Modification / Renewal	New
6.	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.112
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA .
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Year Saleable Building Stone in Tonnes 1st 43,584 2nd 45,319 3rd 47,291 4th 78,615 5th 82,592 Total 2,97401
12	Quantity of Topsoil/Over burden in cubic meter	10tal 2,97401
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	15654 Tonnes for a period of 5 years.
14	Project Cost (Rs)	25 lakhs.
15	Environmental Sensitivity	
	a. Nearest Forestb. Nearest Human Habitation	li 0.6km from the proposed lease area.
	c. Institutes, Hospital	.7km from the proposed lease area.
	d. Water Bodies -	
16	e. Other Specify -	•
16	Applicability of	

		EIA	Conditi Notific	1 • •		3			
17	De	tails o	f Land	Use in Ha					
			Sl. No.	Particulars	Total land use at the end of plan period in acres				
			1 Area to be excavated		1-34	- -			
			2	Storage of top soil	0-04				
			3	Infrastructure(workshop,admi nistrative building)	0-01				
			4	Roads	0-02	1			
•			5	Railways	-				
			6	Green belt	0-29				
	Tota I		i i		2-30				
18	Mi	thod ning/ arryir		Method of Mining is Semi-Mechanized with Open Cast Method. The mining operation involves drilling, loading and unloading					
19	Wa	iter quirer							
	a. Source of water		ce of	borrowed from nearby villa About 3.0 KL/day of v	f water used in the Quarry age. water is proposed to be u ling for dust suppression, Afr	tilized for			
		Tota	I	Dust Suppuration	1				
	b.		iireme	Domestic	1				
	~		Water		1				
		in Kl		Total	3	1			
20	l	rm nager n	water nent	-					

The proponent was invited for the 218th meeting held on 12-3-2019 to provide required clarification. The proponent remained absent and submitted a letter through their consultant during the meeting requesting to consider their file in the next meeting.

Hence, the committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.47 Proposed Building Stone Quarry in Govt land at Sy.No.88, Seebanahalli, Channapattna, Ramanagara(0-25 Acres) by Sri. H.D Puttaswamy(SEIAA 60 MIN 2019)

Sl. No	PARTICULARS	INFORMATION				
1	Name & Address of the Project Proponent	Sri.H.D.Puttaswamy S/o Doddegowda Hanumanthapuradod H.Mogenahalli-Post, ChannapattanaTaluk, Ramanagara District, Karnataka.				
2	Name & Location of the Project	Building Stone Quar Sri.H.D.Puttaswamy Sy. No-88, Seebanaha ChannapattnaTaluk, Karnataka State.	ılli Village,	ct,		
3	Co-ordinates of the Project Site	P.No. Boundary point-A Boundary point-B Boundary point-C Boundary point-D	Latitude N 12°39.243′ N 12°39.219′ N 12°39.219′ N 12°39.244′	Longitude E 76°06.242′ E 76°06.242′ E 76°06.206′ E 76°06.214′		
4	Type of Mineral	Building Stone.				
5	New / Expansion / Modification / Renewal	Existing.				
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land.	· -			
7	Whether the project site fall within ESZ/ESA	-				
8	Area in Ha	0-25 acres				
9	Actual Depth of sand in the lease area in case of River sand					
10	Depth of Sand proposed to be removed					
11	Annual Production	Year Saleab	le Building			

	Pro	posed	(Metric		Stone in T	Connes		7
		is/ CUM) ,		1st	842			
		, <i>a =/ i</i>		2nd	863		•	
				. 3rd	886			
			•	4th	897			
				5th	908			
				Total	4390			
		antity	of	_	·			
12	Topsoil/Over burden in cubic meter Mineral Waste						•	
							·····	
				89 Tonnes fo	or a period of 5	years.		
13	I .	ndled	(Metric					
	Tons/ CUM)/ Annum			₩ 1 11				_
14	Project Cost (Rs) Environmental Sensitiv			5 lakhs.		<u> </u>		
15	Env		ai Sensitivi	ty	· · · · · · · · · · · · · · · · · · ·		± 480-7:	
	a.	Nearest Forest						
		Nearest	See	banahalli 1 kr	n from the pro	oposed lease a	irea.	
	b.	_ = =						
	· Habitation							
		Educatio	nal Cha	annapattana 1	0 km from the	proposed lea	ase area.	
	c.	Institutes	5,	_				
		Hospital						
	d.	Water Bo	odies -		·			
	e.	Other Sp	ecify -			·		
		plicabil				•		
	ity	of						
		neral			v			
16		ndition						
	1	he EIA						
		tificatio	•					
17		006	d Use in H	Το				
1/		Sl.	W OSE III I	Particulars	Тс	otal land use	at the	
		No.		-		d of plan per		
	-					acres		
			Λ	. to be	tod		•	
		1		to be excava		0-14		
		2		rage of top so		0-01		
		3	Infrast	ructure(work	shop,	0-01		
			admir	nistrative build	ding)	•		
		1	1	ז ת		0.04		
		4		Roads		0-01		

		Tot	al		0-25	
		•	•	•		
	ľ	thod of				
18	4	ning/ arrying	Metho The m	d of Mining is Semi-Med ining operation involves	chanized with Open Cast Me s drilling, loading and unload	thod.
19	Wa			U I	o, series d'indicate	9
	a. Source of water			well is the source of well is the source of well age. About 1.5 KL/day of	ources are available in the Q vater used in the Quarry and water is proposed to be or dust suppression, Afforesta	d it is borrowed : utilized for dom
· • .		Total		Dust Suppuration	0.5	auon etc.
	b.	Requir		Domestic	0.5	
	10.		ater in	Other	0.5	
		KLD	-	Total	1.5	
20	wat mai	rm er nageme olan	-		••	

The Proponent and Environment Consultant attended the 218th meeting held on 12-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that it is a operating quarry with a lease area of 25 guntas. The committee opined that the mining activity cannot be carried out scientifically and safely in such a small area by semi mechanized method for which the proponent and consultant have stated that they will make out a modified application to carry out the mining by manual mode.

Hence the committee after discussion decided to defer the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

<u>Court Case Files:</u> The following files have been taken up for appraisal on priority as per the directions of Hon'ble High court.

218.48 Proposed "Pink Granite Quarry" at Sy.No.42, Mandikal Village & Post, Chikkaballapura Taluk, Chikkaballapura District by Sri. Venkatesh Reddy M.V (SEIAA 73 MIN 2019)

SI.	DADTICITI ADC	INTEODATATION
No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Venkatesh Reddy M. V. S/o. Venkatareddy M. V, Mandikal Village & Post, Chikkaballapura Taluk & District, Karnataka
2	Name & Location of the Project	Pink Granite Quarry over an extent 3-15 Acres in Government Land at Sy. No. 42 of Mandikal Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13 ⁰ 36′ 57.6″ Longitude:E77 ⁰ 42′20.1″
4^{-}	Type of Mineral	Pink Granite Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Kharab Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.365 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Pink Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	12,000 Cu.m/annum
14	Quantity of Topsoil/Over burden	7,200 cu.m

	in	cubic meter		
		ineral Waste Handled (Metric	60,000 Cu.m	
15	Tons/ CUM)/ Annum		00,000 Cu.iii	•
16		oject Cost (Rs. In Crores)	1.20 crores	
17		vironmental Sensitivity	1.20 Crores	
	a.	Nearest Forest	Narasimha D Kms(SW)	Devarabetta Reserved Forest - 2.80
-	b.	Nearest Human Habitation	Mandikal - 3	.3 Km (SE)
	c.	Educational Institutes, Hospital		oost and telegraph office, hospital,
	d.	Water Bodies	Bachchenaha Mandikal Por	lli Pond – 1.6 Km (SE) nd – 3.7 Kms (SE)
	e.	Other Specify		
		plicability of General		
18	1	ndition of the EIA		
		etification, 2006		
19	De	tails of Land Use in Acres		•
	a.	Area for Mining/ Quarrying	2-07	
	b.	Waste Dumping Area	0-15	
	c.	Top Soil Storage Area		
	d.	Mineral Storage Area	0-03	·
	e.	Infrastructure Area		;
	₽ f.	Road Area	0-02	
•	g.	Green Belt Area/Buffer Zone	0-28	·
	h.	Unexplored area		
	i.	Others Specify	==	
20	\mathbb{N}	lethod of Mining/ Quarrying	Semi Mechani	ised Method Open quarrying
21		Rate of Replenishment in	NA	
<u> </u>		case River sand project		
22	Wa	ter Requirement		
	a.	Source of water		er : Borewell from the village sion: River Water
			Dust	9.5 KLD
		Total Requirement of William	Suppression	
,	Ъ,	Total Requirement of Water in KLD	Domestic	2.81 KLD
		III NED	Other	2.05 KLD
			Total	14.36 KLD
23	Ct->	rm water menagement -1	Drains will be	constructed along the
20	.010	rm water management plan	boundary of a	
24		y other information specific he project (Specify)	NA	
		he proposal was placed before		

The Proponent and Environment Consultant attended the 218th meeting held on 12-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. As stated by the proponent, the level difference within the mining area is 52 meters and there is no top soil. The proponent has stated that the recovery percentage is 50% and as per this for the recovery of 60,000 cum of mine over a plan period of five years, the wastages will be 60,000 cum. The proponent has stated that he has earmarked 15 guntas of land for waste dump and he has also stated that the waste will be utilized as building stone after getting necessary permission from the DMG and this has been reflected in the quarry plan. The approach road from the quarry area to the nearest all weather road is an existing cart road to a length of 750 meters which runs in the govt. land for this the proponent has stated that he will take necessary permission from the revenue authorities and develop this road.

The proponent has also furnished combined sketch prepared by the DMG showing the number of leases within the 500 meter area from this lease and according to which there are two leases including this lease and the total area of these leases is 7 acres 23 guntas which is less than the threshold limit of 5 Ha. The proponent has stated that since this is an rocky outcrop the greenery cannot be developed in the quarry area and it will be developed all along the approach road and other roads.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.49 Proposed "Building Stone Quarry" at Sy.No.25, Reddyhalli Village, Chikkaballapur Taluk, Chikkaballapur District by Shree O. Ganeshan(SEIAA 91 MIN 2019)

PARTICULARS	INFORMATION
Name & Address of the Project Proponent	Shree O. Ganeshan, S/o. Ove Redyar. No.02, Mudichar road, Est Tambaram, Chennai - 600045
	Name & Address of the Project



2	Name & Location of the Project	Over an extent of 8-00 Acres under (Government Land) Sy No: 25, Reddyhalli Village, Chikkaballapura Taluk Chikkaballapur District, Karnataka		
3	Co-ordinates of the Project Site	Latitude: N 13° 33′ 16.4″ Longitude:E 77° 49′ 31.0″		
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Renewal (QL No 67)		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	3.237 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,10,254 Tons/annum		
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0m topsoil Available in this area.		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No mineral Waste produced in the area		
16	Project Cost (Rs. In Crores)	3.47 crores		
17	Environmental Sensitivity	1		
	a. Nearest Forest	Haristala Reserved Forest - 5.8 Kms(S)		
-	b. Nearest Human Habitation	Reddyhalli Village – 0.90 Kms (W)		
	Educational Institutes	The nearest post and telegraph office, hospital,		
	C. T			

			Chikkaballapı	ıra.
,	d.	Water Bodies	Chikkaballapı	ıra – 15,5Kms(NW)
	e.	Other Specify		
	Applicability of General			
18	Co	ondition of the EIA		
	No	otification, 2006		
19	De	tails of Land Use in Hectares		
	a,	Area for Mining/ Quarrying	2.48	
	b.	Waste Dumping Area		
	c.	Top Soil Storage Area		
	d.	Mineral Storage Area	0.10	
	e.	Infrastructure Area		
	f.	Road Area	0.01	
	g.	Green Belt Area/Buffer Zone	0.55	
	h.	Unexplored area	0.10	
	i.	Others Specify		•
20	Method of Mining/ Quarrying		Semi Mechani	sed Method Open quarrying
21		Rate of Replenishment in	NÁ	
	case River sand project			
22	Wa	ater Requirement		
	l a.	Source of water	Drinking water: Borewell from the village	
	a,	Source of water		sion: River Water
			Dust	10.9 KLD
		Total Requirement of Water	Suppression	
	b.	in KLD	Domestic	2.4 KLD
		III RED	Other	2.58 KLD
			Total	15.30 KLD
23	Sto	orm water management plan		constructed along the
			boundary of a	ctivity area
24		y other information specific	NA	
	to	the project (Specify)		·

The Proponent and Environment Consultant attended the 218th meeting held on 12-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease has been granted for this proposal during 11-1-2010 for five years and it is under deemed extension as per the direction of Hon'ble High Court. The proponent has stated that no mining activity has been carried out till date. He has also stated that he has made out an application to DEIAA and consequent to this DEAC held the meeting on 4-9-2018 and after appraisal recommended for issue of EC but no EC

was issued from DEIAA. In the meantime due to change in the policy the proponent has made out an application to SEIAA.

As seen from the quarry plan the level difference within the mining area is 9 meters and taking this into consideration the proposed quantity can be mined scientifically and safely with a mining pit depth of 18 meters. The approach road connecting lease area to the all weather road is an existing cart track road with a width of 10 feet and the proponent has stated that he has acquired the land on both sides of the cart track road and widened this road to a width of 30 feet. As per the cluster sketch furnished by the proponent the DMG has stated that there are three number of quarries including this quarry and lease for all these three quarries—were granted prior to 9-9-2013 and based on this proponent has claimed exemption from the cluster effect. The proponent has stated that since this is an rocky outcrop the greenery cannot be developed in the quarry area and it will be developed all along the approach road and other roads.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.50 Proposed "Building Stone Quarry" at Sy.No.20/3, Reddyhalli Village, Chikkaballapur Taluk, Chikkaballapur District by Shree K. Shankar Ganesha (SEIAA 157 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
Name & Address of the Project Proponent		Shree K.Shankar Ganesh, S/o.Kansaswamy. 1st street, Reddiyar Paliyam, West Tambaram, Chennai - 600045
2	Name & Location of the Project	Building Stone Quarry over an extent 2-10 Acres in Government Land at Sy. No. 20/3 of Reddyhalli Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 33′ 05.60″ Longitude:E 77° 49′ 22.7″
4	Type of Mineral	Building Stone Quarry

[Demograph (OL NIo 26)
5	New / Expansion / Modification / Renewal	Renewal (QL No 26)
	Type of Land [Forest,	Government Land
6	Government Revenue, Gomal,	
	Private/Patta, Other]	
		No
7	Whether the project site fall within ESZ/ESA	
	WIUIII ESZ/ ESA	
. 8	Area in Ha	0.91 Ha
9	Actual Depth of sand in the lease	NA
:	area in case of River sand	
10	Depth of Sand proposed to be	NA
	removed	
	Rate of replenishment in case of	It's a Building Stone Quarry
11	river sand mining as specified in	
	the sustainable sand mining	
	guideline 2016	Not Worked.
	Measurements of the existing quarry pits in case of	Not worked.
12	ongoing/expansion/modification	
	of mining proposals other than	
	river sand	
4.0	Annual Production Proposed	57,000 Tons/annum
13	(Metric Tons/ CUM) / Annum	, , , , , , , , , , , , , , , , , , ,
14	Quantity of Topsoil/Over burden	No Top Soil
14	in cubic meter	
15	Mineral Waste Handled (Metric	No Waste generated
	Tons/ CUM)/ Annum	v
16	Project Cost (Rs. In Crores)	3.02 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None within 5km
	b. Nearest Human Habitation	Reddyhalli -0.9 Kms(W)
<u>}</u>	Educational Institutes,	The nearest post and telegraph office, hospital,
	c. Hospital	schools, police station is situated in
ļ		Chikkaballapura.
	d. Water Bodies	Reddyhalli Pond – 1.05 Km (SW)
	o Other Specify	Nallaghuttahalli Pond - 1.25 Kms(NW)
:	e. Other Specify	
18	Applicability of General Condition of the EIA	
10	Notification, 2006	
19	Details of Land Use in Hectares	
	a. Area for Mining/ Quarrying	0.60
<u> </u>	· · · · · · · · · · · · · · · · · · ·	
	b. Waste Dumping Area	0.00

	1 -	T- C 11 Ct	1000	
	c.	Top Soil Storage Area	0.00	
	<u>d.</u>	Mineral Storage Area	0.00	
	e.	Infrastructure Area	0.01	
	f.	Road Area .	0.01	
	g.	Green Belt Area/Buffer Zone	0.29	
	h.	Unexplored area		
	i.	Others Specify		P
20	N	Method of Mining/ Quarrying	Semi Mechani	ised Method Open quarrying
21	Rate of Replenishment in		NA	1 1
<u> </u>		case River sand project		
22				
	a. Source of water	Drinking water: Borewell from the village		
	a,	Source of water		sion: River Water
		4	Dust	8.5 KLD
		Total Requirement of Water	Suppression	
	b.	in KLD	Domestic	1.89 KLD
			Other	1.73 KLD
			Total ·	12.12 KLD
23	Sto	rm water management nles	Drains will be	constructed along the
		rm water management plan	boundary of a	
24	An	y other information specific	NÁ	
<u> </u>	to t	he project (Specify)		,

The Proponent and Environment Consultant attended the 218th meeting held on 12-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease has been granted for this proposal during 5-6-2009 for five years and it is under deemed extension as per the direction of Hon'ble High Court. The proponent has stated that no mining activity has been carried out till date. He has also stated that he has made out an application to DEIAA and consequent to this DEAC held the meeting on 4-9-2018 and after appraisal recommended for issue of EC but no EC was issued from DEIAA. In the meantime due to change in the policy the proponent has made out an application to SEIAA.

As seen from the quarry plan the level difference within the mining area is 6 meters and taking this into consideration the quantity that can be mined scientifically and safely with a mining pit depth of 12 meters is 80% of the proposed quantity. The approach road connecting lease area to the all weather road is an existing cart track road with a width of 10 feet and the proponent has stated that he has acquired the land on both sides of the cart track road and widened this road to a width of 30 feet. As per the cluster sketch furnished by the proponent the DMG has stated that there are three

number of quarries including this quarry and lease for all these three quarries were granted prior to 9-9-2013 and based on this proponent has claimed exemption from the cluster effect.

Since this is an rocky outcrop the greenery cannot be developed in the quarry area and it will be developed all along the approach road and other roads.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

13th March 2019

Members present in the meeting:

	Shri. N. Naganna	-	Chairman	
	Shri. B. Chikkappaiah, IFS(R)	-	Member	
	Dr. N Krishnamurthy	-	Member	
	Dr. M.I. Hussain	-	Member	0
	Dr. K.B Umesh	-	Member	o .
•	Shri M. Srinivasa	-	Member	
	Shri G.T Chandrashekarappa	-	Member	
	Dr. Vinod kumar C.S	-	Member	
Note: The	Shri Vyshak V. Anand	-	Member	Agendas ·
taken up in	Shri. J.G Kaveriappa	reriappa - Member	the 13 th	
March 2019	Shri D. Raju	-	Member	has been
numbered as	Shri Venugopal .V	. -	Member	218.1, 218.2
etc which	Shri Mohd. Saleem I Shaikh	-	Member	have been
corrected and	Shri. VijayaKumar,ırs	-	Secretary	renumbered
as 218.51,				218.52etc
as numberd		i.		below in
order maintain	continuous numbering of agendas.		•	

EIA Appraisal:

218.51 Proposed Expansion of "Gopalan E-Park" of IT/ITES – SEZ project at Plot No.1 & 1-P, Sy.No.108(P), 111(P), 112(P), 114(P), 115(P), 124(P) 125(P) 197(P) & 198(P) 3rd Phase Koorgalli Industrial Area, Koorgalli Village, Hawala Hobli, Mysore Taluk, Mysore by M/s. Gopalan Enterprises(SEIAA 141 CON 2018)

CI	DADTICIII ADC	INTECOMATION
1 51.	PARTICULARS	

No.		
		Mr. C. Gopalan
		Managing Partner,
1.	Name & Address of the Project	M/s. Gopalan Enterprises,
	Proponent	#5, Richmond Road,
		Bengaluru – 560 025
		Plot No. 1 & 1-P,
		· ·
		Sy. No. 108(P), 111(P), 112(P), 114(P), 115(P),
2.	Name & Location of the Project	124(P),125(P), 197(P) & 198(P),
		3rd Phase Koorgalli Industrial Area,
ļ. ,		Koorgalli Village, Ilawala Hobli,
ļ		Mysuru Taluk, Mysuru
3.	Co-ordinates of the Project Site	Latitude : 12 Deg 36 Min 30.83 Sec N
4		Longitude : 76 Deg 57 Min 07.03 Sec E
4.	ENVIRONMENTAL SENSITIVIT	
	Distance from periphery of nearest Lake and other water	Lake is on Northern & Southeastern side of the
a.		project site, 30 m buffer has been given.
	bodies (Lake, Rajakaluve, Nala etc.,)	Nala is on western side of the site, 12m buffer has
	Type of water body at the	been given Nala is on western side of the site, 12m buffer has
	vicinity of the project site and	been given
1.	Details of Buffer provided as per	Soon given
b.	NGT Direction in O.A 222, of	
	2014 dated 04.05.2016, if	
	Applicable.	
5.	TYPE OF DEVELOPMENT	
	Residential Apartment / Villas	Expansion of IT/ ITES SEZ
	/ Row Houses / Vertical	
a.	Development / Office / IT/	
	ITES/ Mall/ Hotel/ Hospital	
	/other	
b.	Residential Township/ Area Development Projects	NA
6.	Plot Area (Sqm)	1 12 475 00 C
	Built Up area (Sqm)	1,13,475.00 Sqm
	Building Configuration [4,69,721.27 Sqm
	Number of Blocks / Towers /	Proposed expansion of IT & ITES office building consists of 6 blocks;, Block A, B, C & D in
-8.	Wings etc., with Numbers of	2B+G+10UF, Block F in 3B+G+10UF & Block G
	Basements and Upper Floors]	(Cafeteria) in 3B+G+2UF
0	Number of units in case of	NA
9.	Construction Projects	
	Number of Plots in case of	NA
10.	Residential Township/ Area	

	Development Projects	
		· · · · · · · · · · · · · · · · · · ·
11.	Project Cost (Pg. In Cross)	Rs.180 Crores
11.	Project Cost (Rs. In Crores) Recreational Area in case of	KS.100 Crores
12.		
13.	Residential Projects / Townships DETAILS OF LAND USE (SQM)	
		31,669.75 Sqm
l —	a. Ground Coverage Area D. Kharab Land	31,009.73 5qm
-	Total Green belt on Mother Earth	45 702 12 Cana
	for projects under 8(a) of the	, · · · · · · · · · · · · · · · · · · ·
	schedule of the EIA notification,	
	2006	
-	d. Internal Roads	22,910.05 Sqm
	D 1	22,710.03 3qm
•	e. Paved area	Pagarrad Curfago marking area = 9.749.21 Cam
1	f. Others Specify	Reserved Surface parking area =8,748.31 Sqm Service area = 4,443.77 Sqm
	Parks and Open space in case of	in the second se
,	Parks and Open space in case of Residential Township/ Area	i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de
{	g. Residential Township/ Area Development Projects	
 1	n. Total	1,13,475.00 Sqm .
14.		RIS AND / OR EXCAVATED EARTH
14,	Details of Debris (in cubic	There is no demolition work
	meter/MT) if it involves	There is no demondon work
<u> </u>	Demolition of existing structure	
	a. and Plan for re use as per	
'	Construction and Demolition	·
ľ	waste management Rules 2016, If	
-	Applicable	
	Total quantity of Excavated earth	2,80,036.24 m ³
}	(in cubic meter)	
	Quantity of Excavated earth	2,80,036.24 m ³
(propose to be used in the Project	
	site (in cubic meter)	
	Excess excavated earth (in cubic	
	neter)	
	Plan for scientific disposal of	Excavated soil is used within the project site
	excess excavated earth along	
•	with Coordinate of the site	- ·
	proposed for such disposal	
15.	WATER	
	I. Construction Phase	
[[a. Source of water	KIADB
1	Quantity of water for	110 KLD
	Construction in KLD	

d. Waste water generation in KLD Treatment facility proposed and scheme of disposal of treated water Total Requirement of Water in KLD Total Requirement of Water in KLD Total Requirement of Water in KLD Total 1378 KLD Total 1378 KLD b. Source of water KLD Total 1378 KLD Total 1378 KLD c. Waste water generation in KLD Total 1378 KLD d. STP capacity 1350 KLD e. Technology employed for Treatment Treatment f. Scheme of disposal of excess treated water if any 16. INFRASTRUCTURE FOR RAINWATER HARVESTING d. Total Total Total Total Total Total d. Total Total Total 1378 KLD d. STP capacity 1350 KLD Treatment f. Scheme of disposal of excess treated water if any 16. INFRASTRUCTURE FOR RAINWATER HARVESTING d. Total Total Total 1378 KLD d. STP capacity 1350 KLD Treatment 1350 KLD e. Technology employed for Treatment 1350 KLD 1350 KLD d. STP capacity 1350 KLD 1350 KLD 1350 KLD d. STP capacity 1350 KLD		c. Quantity of water for Domestic 45 KLD Purpose in KLD		•	
e. depend of disposal of treated water II. Operational Phase II. Operational Phase III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms		d.		43 KLD	
e. scheme of disposal of treated water II. Operational Phase a. Total Requirement of Water in KLD b. Source of water C. Waste water generation in KLD d. STP capacity Technology employed for Treatment f. Scheme of disposal of excess treated water if any 16. INFRASTRUCTURE FOR RAINWATER HARVESTING Roof run off b. No's of Ground water recharge pits Total WASTE MANAGEMENT I. Construction Phase a. Quantity of Solid waste generation and mode of Disposal as per norms Page 13.134 kg/day This will be sollected & lifted by authorized agency for further treatment. Fresh 917 KLD Recycled 461KLD Total 1378 KLD Recycled 1378 KLD Recycled 461KLD Total 1378 KLD Recycled 461KLD Total 1378 KLD Recycled 461KLD Total 1378 KLD Recycled 461KLD				· · · · · · · · · · · · · · · · · · ·	
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I. Construction Phase a. Quantity of Solid waste generation and mode of Disposal as per norms I. Construction Phase a. Quantity of Solid waste generation and mode of Disposal as per norms		17.	Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the external storm water drain	
I. Construction Phase a. Quantity of Solid waste generation and mode of Disposal as per norms II. Operational Phase Quantity of Biodegradable waste generation and mode of Disposal as per norms III. Operational Phase Quantity of Biodegradable waste generation and mode of Disposal as per norms Quantity of Non- Biodegradable waste converter. Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms April 1 domestic solid wastes will be minimal as there is no provision of labor colony; the generated domestic solid waste will be handed over to local vendors. Construction debris -470 m³ This will be reused within the site for road and pavement formation 3,134 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter. Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms April 1 de domestic solid wastes will be handed over to authorized waste recyclers		18.	WASTE MANAGEMENT	otoriii water ar	
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a. generation and mode of Disposal as per norms This will be segregated at household levels and will be processed in proposed organic waste converter. Quantity of Biodegradable waste generation and mode of Disposal as per norms This will be segregated at household levels and will be processed in proposed organic waste converter. 4,544 kg/day Recyclable wastes will be handed over to authorized waste recyclers			Operational Phase		
b. waste generation and mode of Disposal as per norms Recyclable wastes will be handed over to authorized waste recyclers		a.	generation and mode of Disposal	This will be segregated at household levels and will be processed in proposed organic waste	
		b. waste generation and mode of Recyclable wastes will be handed over		stes will be handed over to ste recyclers	
c. Quantity of Hazardous Waste Waste Oil Generation: 18.23 L/ running hour of		c.	Quantity of Hazardous Waste		

		generation and mode of Disposal	DG
		as per norms	Hazardous wastes like waste oil from DG sets,
ŀ			used batteries etc. will be handed over to the
ļ			authorized hazardous waste recyclers.
		Quantity of E waste generation	E-Wastes will be collected separately & it will be
ļ	d.	waste generation and mode of	handed over to authorized E-waste recyclers for
		Disposal as per norms	further processing.
19. POWER		POWER	
	a.	Total Power Requirement -	26,800 kW
	a.	Operational Phase	
		Numbers of DG set and capacity	1,500 kVA – 25 Nos.
	b.	in KVA for Standby Power	
		Supply	
	c.	Details of Fuel used for DG Set	7,856.25 L/hr
		Energy conservation plan and	Energy savings achieved on common area &
ŀ	d.	Percentage of savings including	services will be 25 %
	u.	plan for utilization of solar	
		energy as per ECBC 2007	
	20.	PARKING	•
	a.	Parking Requirement as per	6092 Nos.
	a.	norms	
		Level of Service (LOS) of the	30m wide KIADB Road Koorgalli
	b.	connecting Roads as per the	"A"
		Traffic Study Report	
	c.	Internal Road width (RoW)	12 m (ROW)

The proposal was placed before the committee for appraisal.

The proponent and Environmental consultant attended the 210th meeting held on 9th October 2018 to provide required clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion decided to appraise the proposal as B1 and had decided to recommend the proposal to SEIAA for issue of standard ToR for conducting EIA study in accordance with EIA Notification 2006 along with relevant guidelines. The committee also decided to prescribe the following additional ToRs:

- 1) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 2) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 3) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 4) Rain water harvesting/storage details may be worked out.

5) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.

6) To submit the Details of trees to be felled and the scheme for development of

greenery with the number and kind of tree species as per the norms.

7) The applicability of buffer zone as per NGT order for water bodies and nalas may be studied and submitted.

- 8) Ground Water analysis results should include heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium.
- 9) Details of neighbouring industries may be submitted.

Accordingly ToRs were issued on 3-11-2018. The proponent has submitted the EIA report on 13-2-2019. The same is placed before the committee for appraisal.

The Proponent and Environment consultant attended the meeting to provided required clarification and additional information. The committee observed from the concept plan there are two lakes one at the northern end and another at the southeastern end for which the proponent has stated that he has maintained 30 meter buffer zone as per local CDP. In addition to two lakes there is one nala on the western side of the project site for which the proponent has stated that he has maintained 12 meter buffer zone as per the local CDP. The proponent has also stated that all these natural nalas have been rerouted by KIADB along the boundary line of the road and drains of sufficient capacity have been built by the road side in order to take entire flow of the catchment.

The committee after discussion decided to reconsider after submission of the following informations.

- 1) To submit the documents pertaining to rerouting of the nala by KIADB.
- 2) Surface water analysis showing the presence e-coli if any may be conducted and submitted.
- 3) Carbon foot print of the entire project during construction and during operation with suitable offsets may be detailed and submitted.
- 4) Baseline data of socioeconomic parameters may be studied and submitted.
- 5) Landuse/landcover analoysis of the study area based on high resolution satellite imagery to be prepared and submitted.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

218.52 Proposed Expansion of Bulk Drugs, Intermediates, Active Pharmaceutical Ingredients Manufacturing Unit Project at Plot Nos.101 A&B, 101P1, 100P4 KIADB Humnabad Industrial Area, Humnabad Taluk, Bidar District by M/s. Satyadeeptha Pharmaceuticals Ltd. (SEIAA 26 IND (VIOL) 2018)

SL			
	PARTICULARS	INFORMATION	
No		INIONNATION	



1	į	me & Address of the oject Proponent	Name: Dr. Ramakrishna (Managing Director) Flat No. 3-6-536, Raja Residency, 3-6-536, Road.No.7, Himayat Nagar, Hyderabad-500029.
2	1	me & Location of the oject	M/S. Satyadeeptha Pharmaceuticals Ltd, Plot No.101, A & B, 101P1,100P4 KIADB, Humnabad, Bidar District, Karnataka-585530.
3	1	-ordinates of the oject Site	Latitude 17°45.949' N Longitude 77°5.634' E
4	En	vironmental Sensitivity	
	a	Distance From nearest Lake/ River/ Nala	Karanja Dam-Reservoir
	b.	Distance from Protected area notified under wildlife protection act	No
٠.	c,	Distance from the interstate boundary	No
	d.	whether located in critically / severally polluted area as per the CPCB norms	No Notified/Recognized polluted area within 15km distance (Aerial).
5	per No	pe of Development as schedule of EIA rtification, 2006 with evant serial number	5(f), Category 'B' It is an Existing project falls, under category B1 but as per MoEF & CC Notification amended on 14th March 2017 even category B projects shall be appraised for grant of Environmental Clearance only by Violation Expert Appraisal Committee & Environmental Clearance will be granted by MoEF &CC. and uploaded to MoEF Portal, vide proposal no. IA/KA/IND2/68209/2017, dated 09.09.2017. Now, As per MOEF&CC gazette notification no. S.O.804 (E) dated 14th March, 2017 and its subsequent amended gazette Notification No. S.O.1030 (E) dated 8th March 2018 and OM F. No. Z-11013/22/2017-IA.II (M) dated 15th March 2018 & 16th March 2018, MoEF directed to appraise in SEAC/SEIAA. Now, Satyadeeptha Pharmaceuticals applying at Karnataka - SEIAA under 'B' Category.
6	1	w/ Expansion/ odification/ Product	Expansion

	mix change					<u> </u>
7	Plot Area (Sq m)	3642	1.7	<u> </u>	•	•
8	Built Up area (Sq m)	15347.87 (Existing-13950.06 & Proposed-1397.81)				
		Delet Capa New Total	ing Capacity (06 No's): 348 M ion Capacity(04 No's): 264 M city Revision (02 No's): 84 to 2 Addition: 476 MTPA capacity after proposed expan ils given in Form-I Pt. No. 5	TPA 216 MTP nsion(20	No's): 6921	
		Section 2 of the sectio	Existing Products	Existing	Proposed	'A) Total
		1	Ibuprofen	72	Deleted	10tai 0
		2	Gabapentin	_	 	
			1 ACETYL 4-(4-	48	-12	36
		3	HYDROXYPHENOL)PIPERZINE	96	Deleted	. 0
	Component of developments	4	(1S, 4R) -4-(2-AMINO-6-CHLORO- 5- FORMIDO-4-PYRIMIDINYL AMINO)-2- CYCLOPENTENE-1- METHANOL (AFC) intermediate Abacavir Sulphate	36	144	180
		5	STAGE – II EFAVIREN intermediate for Efavirenz	60	Deleted	0 .
9		6	(2S)-2-AMINO BUTANAMIDE HYDROCHLORIDE (ABH)	36	Deleted	- 0
		7	Abcavir Base 2	0	36	'36
		8	Amino Alcohol hydrochloride (AAHCI)	0	36	36
		9	1(S) Benzyl-2(R) 3-epoxy propyl carbamic acid butyl ester (EPR)	0	24	24
		10	T-Boc Hydrazine (Atzanavir Intermediate) TBH-2	0	24	24
		11	(3R,3aS,6aR)-Hexahydrofuro-[2,3-b]-furan-3-yl-4-nitrophenyl carbonate (or) DAR-IIA	0	24	24
ŀ		12	Boc epoxide (or) BOE-2	0	24	24
		13	5-benzyl[(2s,3s)-4-chloro- 3hydroxy-1-phenylbutane-2- yl]carbamate or ZOE-3	0	36	36
		14	(2S,3S,5S)-2-Amino-3-Hydroxy-5- (1-tetra hydro pyrmid-2-only)-3- methyl butanoyl) amino-1,6- diphenyl hexane-S-pyro glutamate (Lopinavir Intermediate) THP	0	36	36
- [•	15	Piperdine sulfamoyl dimer (PSD)	0	12	12

				<u> </u>							
			16	Piperdine sulfamoyl dimer (SLD-3)	0	12	12				
			17	(2S,4S)-1-(tert-butoxycarbonyl)-4- (methoxymethyl)-L-proline (or) VEL-1	0	12	12				
			18	Methyl 5-[(2,4- difluorobenzyl)carbamoyl]-3- methoxy-4-oxo-1-(2-oxoethyl)-1,4- dihydropyridine-2-carboxylate (or) DTS-3	0	24	24				
			19	(2R,3S/2S,3R0-3-(4-Chloro-5-fluoropyrimidin-6-yl)-2- (2,4difluorophenyl)-1-(1H-1,2,4-trizol-l-yl)butan-2-ol Hydrochloride (Chloro Voriconazole Intermediate) VRN	0	12	12				
•			20	[1-[[[(1R)-1-[3-[(E)-2(7- Chloroquinolin-2yl)ethenyl]phenyl]- 3-[2-(1-hydroxy-1-methyl ethyl)phenyl]propyl]sulfanyl]methyl] Cyclopropyl]acetic acid.dicyclohexylamine salt (Montelukast sodium Intermdiate) MOS	0	12	12				
			21	Intermediate stage of Zofenopril Calcium (ZFC)	0	24	24				
	:		22	Hydroxy amide hydrochloride (BOI)	0	6	6				
			23	2-Nitro-5-Chloro Acetanilide (Febental Intermediate) DM-1	0	24	24				
-			24	1-(3 Chlorophenyl) Piperazine HCl (Trazadon Intermediate) TRZ	0	72	72				
			25	Hexahydrofuro[2,3-b]furan-3-ol (or) BIS-IV	. 0	24	24				
			26	R & D Products	0	2	2				
				Total	348	344	692				
	Proposed construction deta	ails	are j	provided in T able 6-1 of PFR	•						
10	Project cost (Rs. In Crores)		NR 9.	0 Crores							
11	Details of Land Use (Sq m))									
	a. Ground Coverage Area	13	5347.	87 (Existing-13950.06 & Propo	osed-139	7.81)					
	b. Kharab Land Nil										
	b. Khara b Land	11	ATT				·				
	b. Kharab Land c. Internal Roads										
	}- 		046.8	6		·					

	f	. Green belt	12019.16, 33%
	g	. Others Specify	Vacant land= 5007.81
	h	_ -	36421.70 (9 Acres)
12	P (e	roducts and By- roducts with quantity enclose as Annexure if ecessary)	Existing Capacity (06 No's): 348 MTPA Deletion Capacity (04 No's): 264 MTPA Capacity Revision (02 No's): 84 to 216 MTPA New Addition: 476 MTPA Total capacity after proposed expansion(20 No's): 692 MTPA Details given in Form-I Pt. No. 5
13	qı (e	aw material with uantity and their source nclose as Annexure if ecessary)	Raw materials requirement proposed products are given in Annexure-6.
14	Mode of transportation of		The raw materials and finished products will be transported by road. All chemical used in the process are stored in a designated area with proper labels in warehouse. Details provided in Form-I (II. Activity, Point 1.14)
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		Not applicable
16	Fly ash production,		Fly ash Will be sent to brick manufacturer.
17	di	omplete process flow agram and technology aployed	Detailed process description and process flow are enclosed in Chapter-3, Section 3.6 of PFR and Annexure 2.
18	Details of Plant and Machinery with capacity/ Technology used		Plant Machinery details provided in Pre-Feasibility Report Chapter 4, Section 4.6.3. & Table 4-4 & 4.5 of PFR
19	Details of VOC emission and control measures wherever applicable		Details of emissions and control measures are enclosed in Chapter-3, Section 3.16 & Table 3-8 & 3-9 of PFR.
20		ATER	
	I. a.	Construction Phase Source of water	
	<u>а.</u> b.	Quantity of water for Construction in KLD	Private tankers & bore well 2
.=	c.	Quantity of water for Domestic Purpose in	Nil

٠.

		KLD						
	d.	Waste water						
•		generation in KLD	Nil					
		Treatment facility	Nil					
		proposed and scheme	1 (11					
	e.	of disposal of treated						
		water						
	П	Operational Phase						
	a.	Source of water	Bore well					
			Fresh .	69.5				
	b.	Total Requirement of	Recycled	77				
		Water in KLD	Total	146.50				
		Requirement of water	Fresh	67				
	c.	for industrial purpose		65.5				
		/ production in KLD	Total	132.5				
		Requirement of water		2.5				
	đ	for domestic purpose	Recycled	7.5				
	CI,	in KLD	Total	10:0				
	e.		Industrial effluent	119				
.		Waste water generation in KLD	Domestic sewage	10.5				
			Total	129.5				
	f.	ETP/ STP capacity	Existing: Domestic sewage sent to septic tank followed by pit. Industrial effluent will be collected and neutralize collection Tank. Sludge from neutralization tank sent to after dewater and liquid effluent sent to MEE (30KLD) Proposed: Domestic Sewage will be routed to proposed Industrial Effluent will be treated in ETP (150 KLD) an reject sent to MEE (125 KLD)					
·	g.	Technology employed for Treatment	Industrial effluent : ZLD. Sewage: Septic tank followed by Soak Pit					
	h.	Scheme of disposal of excess treated water if any	Treated water recycl	ed. Solid will be sent to TSDF				
21		rastructure for Rain ter harvesting	Will Provide in EIA	Report .				
22	Sto pla	rm water management n	Will Provide in EIA	Report				
23	Aiı	Pollution	-Details provided	d in Chap-3, Sec. 3.16 and Table 3-8 & 3-9.				
	a.	Sources of Air pollution	Reactors, TFH and B	oilers				
	b.	Composition of Emissions	Acid Fumes/VOC, S	O ₂ ,NO ₂ & PM				

	c.	Air pollution control measures proposed and technology employed	Scru	bbers, Bag fil	er & Stacks	as per CPCB guideline · · ·
24	No	oise Pollution				
	a.	Sources of Noise pollution	DG s	sets and Boile	rs	
	b.	Expected levels of Noise pollution in dB	Арр	., 70 to 75 dB(A)	·
	c.	Noise pollution control measures proposed	Sour	nd acoustic an	d Noise ins	sulators
25	W.	ASTE MANAGEMENT	1			
	I.	Operational Phase				
	a.	Quantity of Solid waste generated per	Biod	egradable (k	g/d)	Construction Phase-2.4 Operation Phase-50.4
	u.	day and their disposal	Non	- Biodegradal	ole (kg/d)	Construction Phase-2.6 Operation Phase-54.6
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	HWI 13 of	M details are j PFR	provided in	chapter-3, Section 3.17 & Table 3-
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	NA			•
26	_	k Assessment and aster management	Will	be provided i	n EIA.	
27	РО	WER		,		
	a,	Total Power Requirement in the Operational Phase with source	S.N	Description Power requirement	Capacity 1500KVA	Proposed Total Source Capacity Capacity Nil 1500KVA GESCOM
-	b.	Numbers of DG set and capacity in KVA - for Standby Power Supply	S.N	Description D.Gset (KVA)		Proposed Total



			S.N	Description	Existing Capacity	Proposed Capacity	Total Capacity	Source
	c.	Details of Fuel used with purpose such as	. 1	Diesel requirement (Its/day)	Approx	Approx 200	Approx 500	HP
		boilers, DG, Furnace, TFH, Incinerator Set etc,	2	Boiler Fuel-	Coal:8 or Briquette:10	Coal:15 or Briquette:20		Coal: singareni, Briquette: Kushal inds.
d. Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007			,					
28	PA	RKING						
	a. Parking Requirement as per norms		Park	ing will provi	ide as per no	orms		
	b.	Internal Road width (RoW)	Ith Will be provided in EIA.					
29)	Any other information specific to the project (Specify)	No			:		

The Proponent and Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

M/s. Satyadeeptha Pharmaceuticals Ltd is an existing industry and engaged in manufacture of bulk drugs intermediates, Active pharmaceuticals ingredients. The project falls under schedule 5(f), synthetic Organic chemicals under category B. The present proposal is for expansion. Since the industry was operating without E.C, it comes under violation category.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report, proposed ToRs and clarification/additional information provided during the meeting. The proponent has requested the committee to permit him to adopt the baseline studies made during Marchto May 2017 for the same project under the pretext that the baseline studies done for the same project holds good for three years for which the committee has accepted. The committee decided to recommend the proposal to SEIAA for issue of Standard ToRs and following additional ToRs to conduct the EIA studies in accordance with the EIA Notification 2006 and relevant guidelines and to conduct public hearing.

1. CFE and CFO along with the compliance

Quantification of the each product and raw material

3. Scheme proposed for storing of coal, products and by products

4. Material balance and mass balance for all the products

- 5. Detailed study of the soil analysis inside the premises of the industry is to be done and provided
- 6. Raw material to product and product to waste generation ratio for each product to be given
- 7. Manufacturing of Gabapentene to be dropped from the products list which is accepted by the proponent
- 8. 2 TPA of R&D material is proposed for which raw material requirement details along with the waste generation details to be furnished

9. Predicted concentration of EDC and MDC to be explained.

- 10. Detail of solid waste generated with recovery process and losses as per international standards to be explained
- 11. Impact on the adjacent Industry/agriculture land due to this activity within 2 km radius
- 12. Water analysis to be done for all the parameters for all the nearby borewells within 2 km radius
- 13. Existing greenbelt details and proposed with design to be provided
- 14. Justification for the steam requirement, water requirement and energy requirement with process details
- 15. Storage and safety measures taken in the hydrogenation process to be explained in
- 16. Raney nickel is to be replaced with palladium/carbon in the hydrogenation process
- 17. In the monitoring protocols of the ambient air, VOC to be incorporated
- 18. Solvent storage and solvent recovery scheme to be explained
- 19. Green chemistry adopted in the process to be highlighted
- 20. List of banned chemicals to be provided with alternative chemicals to replace the banned chemicals
- 21. Enlist the raw materials with quantity with particular mention of any pyrophoric & highly reactive materials and precautions taken for their storage. Also mention any restricted/banned chemicals, if used in your product manufacture proposal.

22. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.

23. Highlight the green chemistry adopted with particular mention of your efforts to replace toxic solvents and reagents such as EDC, MDC, chloroform, butyl lithium, lithium aluminium hydride, sodium borohydride, thionyl chloride, THF etc wherever done and if bromination is done using bromine, better alternatives to bromine as brominating agent.

24. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NAB, or a laboratory of a Council of Scientific and Industrial Research CSIR) institution working in the field of environment.

- 25. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- 26. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- 27. The Proponent shall assess the environmental damage done due to use of septic tank and soak pit.

Accordingly ToRs were issued on 5-7-2018. The Proponent has submitted the EIA report on 18-2-2019. The proponent was invited for the meeting to provide required clarification/information.

The proponent and Environment consultant attended the 218th meeting held on 13-3-2019 for EIA appraisal. The committee after discussion decided to reconsider after submission of the following information.

- 1) Damage due to putting up of septic tank and for not putting up dyke wall and the remedial measures for the same may be studied and submitted.
- 2) Quantification of the damage due to Air, Water, Noise pollution in respect to community and resource augmentation(damage on the ecology, crop, health of human, animals, avian and biological species) and remediation measures need to be reworked and submitted.
- 3) Quantification of remediation cost, providing details of calculation.
- 4) Submission of revised plan to strengthen the existing green belt with native broad leaved tree species in three tiers all along the project boundary.
- 5) To categorize the fauna found in the study area as per wild life protection Act 1972 and submit Wild life conservation plan prepared in consultation with Forest Department to conserve and protect Schedule-I fauna along with budget backup to implement in a time bound manner.
- 6) Safety precautions for use of Toluene if the toluene use is inevitable.
- 7) Bioremediation adopted for soil contamination to be worked out and submitted.
- 8) Fugitive emission report periodically being done may be submitted.
- 9) Geological map of study area to be submitted.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

Fresh Subjects:

218.53 Proposed Commercial Building Project located at Municipal No.91, Sy.No.75/3B (Old Sy.No.75/3B1) Sy.No.75/3B (old Sy.No.75/3B2) Panathur Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District, Bangalore by M/s. Krishvi Projects Pvt. Ltd. (SEIAA 22 CON 2019)

	Sl. No.	PARTICULARS	INFORMATION
1		Name & address of the project	Mrs. Mamatha Dinesh,
-		proponent	Director.
		Proponent	
			M/s. Krishvi Projects Private Limited,
			No. 2, Krishvi, 1st Floor,
			HAL Airport Road, Domlur,
2		Name & location of the project	Bangalore – 560 071.
~		Traine & rocation of the project	Proposed Commercial Development
			Project, Municipal No. 91,
} .			Sy. No. 75/3B (Old Sy. No. 75/3B1),
			Sy. No. 75/3B (Old Sy. No. 75/3B2),
			Panathur Village, Varthur Hobli,
		*	Bangalore East Taluk,
3		Co. ordinates of the project site	Bangalore Urban District, Bangalore.
		Co – ordinates of the project site	Latitude: 12.932211 N
4		Environmental sensitivity	Longitude: 77.697364 E
H	a.	Distance from periphery of the nearest lake	e NA
	u.	and other water bodies (lake rejets lave	NA
		and other water bodies (lake, rajakaluve, nala, etc.,)	
	b.	Type of water body at the vicinity of the	D.T.A.
	D.	project site and details of buffer provided	NA
-		as per NGT direction in O.A. 222 of 2014	·
		dated 04.05.2016, if applicable	
5		Type of development	
٦	a.	New/ Expansion/Modification	New
	b.	Residential apartment / Villas/ Row	"Construction of Commercial
		houses/ Vertical development / Office/ IT	Development Project"
		/ITES/ Mall/ Hotel/ Hospital/ other	Development Project
	c.	Residential township / Area development	
	.	projects	
6		Plot area (Sqmt)	9912.70 sq.mt.
7		Built up area (Sqmt)	27987.15 sq.mt.
8		Building configuration (number of blocks/	2BF + GF + 10 UF +TF
		towers/ wings etc., with numbers of	
		basement and upper floor)	
9		Number of units in case of construction	
	_	projects	
10) -	Number of plots in case of Residential	
:		township / Area development projects	
11		Project cost (Rs. In Crores)	Rs. 39,42,49,000.00
12		Residential area in case of residential	
		projects/ townships .	
13		Details of land use (Sqmt)	-1,
			· · · · · · · · · · · · · · · · · · ·

	a.	Ground coverage area	1661.81 sq.mt.
	b.	Kharab land	
	 C.	Total green belt on mother earth for	3485.30 sq.mt.
		projects under 8(a) of the schedule of the	o too loo bq.xiii.
		EIA notification, 2006	
	d.	Internal roads	4765.59 sq.mt.
.	e.	Paved area	
	f.	Other specify	
	<u></u>	Parks & open space in case of residential	
	6.	township/ area development projects	
	h.	Total	9912.70 sq.mt.
14		Details of demolition debris and /or excavat	
	a.	Details of debris (in cubic meter/MT) if it	150 cum
	"'	involves demolition of existing structure	
		and plan for re use as per construction and	·
		demolition waste management rules 2016,	·
		if applicable	
	b.	Total quantity of excavated earth	8300 cum
	c.	Quantity of excavated earth propose to be	8300 cum
		used in the project site (in cubic meter)	·
	d.	Excess excavated earth (in cubic meter)	man.
	e.	Plan for scientific disposal of excess	
		excavated earth along with co-ordinate of	
		the site proposed for such disposal	
15	5	WATER	
	I.	Construction phase	
	a.	Source of water	Sourced through tankers via external
			agencies& Treated water from BWSSB
	•		STP.
	b.	Quantity of water for construction in KLD	10 KLD
	C.	Quantity of water for domestic purpose in	2.7 KLD
		KLD	
	d.	Wastewater generation in KLD	2.16 KLD
	e.	Treatment facility proposed and scheme of	The total domestic wastewater
		disposal of treated water	generated during construction phase
			will be collected in Septic tank and
			lifted to BWSSB STP for treatment.
	Π.	Operation phase	Torus D
	a.	Total requirement of water in KLD	97 KLD
	<u>b.</u>	Source of water	Borewell & Tankers
	C.	Waste water generation in KLD	77.6 KLD
	d.	STP capacity	85 KLD
	e.	Technology employed for treatment	SBR
[}	f. ,	Scheme of disposal of excess treated water	·
		if any	



16	Infrastructure for rain water harvesting	
a.	Capacity of sump tank to store the roof run off	50 cum roof top water collection sump
b.	No's of ground water recharge pits	Total number of deep recharge pits . proposed: 30 Nos.
17	Strom water management plan	Total 50 m ^{3 roof} rain water collection sump and 30 Nos. of deep recharge pits will be provided all along the storm water drain. Excess runoff will be routed to the external storm water drain.
18	WASTE MANAGEMENT	
I.	Construction phase	
a.	Quantity of solid waste generation and mode disposal as per norms	Total solid waste generation will be 6 kg/day; which will be disposed by contractor
II	Operational phase	
a.	Quantity of biodegradable waste generation and mode of disposal as per norms	194.22 kg /day; which will be processed in proposed organic waste converter.
b.	Quantity of non-biodegradable waste generation and mode of disposal as per norms	129.48 kg/day; which will be handed over to the recyclers.
C.	Quantity of hazardous waste generation and mode of disposal as per norms	~~
d.	Quantity of E- waste generation and mode of disposal as per norms	
19	POWER	
a.	Total power requirement –operational phase	1611 KW
b.	Numbers of DG set and capacity in KVA for standby power supply	500 KVA X3 No.
c.	Details of fuel used for DG set	321 liters/hr of diesel
d.	Energy conservation plan and percentage of savings including plan for utilization of solar energy a per ECBC 2007	Total energy savings will be 19.72 %.
20	PARKING	
a.	Parking requirement as per norms	Car parking required: 404 cars Car parking provided: 405 cars
b.	Level of service (LOS) of the connecting roads as per the traffic study report	Bangalore Hyderabad highway: BSR Paradise Road (2 lanes undivided): LOS B Doddakannelli-Kaadubeesanahalli Road (3 lanes undivided): LOS-C Panathur main Road (2 lanes

			undivided): LOS B
	c.	Internal road width (RoW)	Internal fire driveway within the
			project site: 8 m wide
ļ.			Approach road width: BSR paradise
			road (9 m wide)
2	1	Any other information specific to the	
		project (specify)	

The proponent was invited for the 218th meeting held on 13-3-2019 to provide required clarification. The proponent remained absent and submitted a letter dated: 8-3-2019 informing about their presheduled works and not able to attend the meeting.

Hence the committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

218.54 Proposed Residential Apartment Project at Sy.No.53 of Halehalli Village, Bidaralli Hobli, Bangalore East Taluk, Bangalore by M/s. DS-MAX Properties Pvt Ltd.,(SEIAA 26 CON 2019)

SI. No	I.	PARTICULARS	INFORMATION
1	- 1	Name & Address of the Project Proponent	M/S DS-MAX PROPERTIES Pvt Ltd, #1854, 17th Main Road, 30th 'B' Cross, 1st stage, 5th Block, HBR Layout, Bengaluru, Karnataka 560043
2		Name & Location of the Project	Proposed Residential Apartment project by M/S DS-MAX PROPERTIES Pvt Ltd at, Sy. No 53 of Halehalli Village, Bidaralli Hobli, Bangalore East Taluk, Bangalore.
3	3 (0-ordinates of the Project Site)		Lattitude: 13°02'08.44"N Longitude 77°42'7.31"E
4		Environmental Sensitivity	
		Distance from periphery of	f Kitnur lake 750 m (E)
	_	nearest Lake and other water	r Ramapura Lake 2.00 Kms (NW)
	a.	bodies (Lake, Rajakaluve, Nal	a Primary Nala is at North of the site for which 50
	etc.,)		m buffer is left
		Type of water body at th	e There is no lake within 75 meter from the site
	vicinity of the project site and		d boundary. Primary Nala is at North of the site
	b.	Details of Buffer provided as pe	for which 50 m buffer is left
•		NGT Direction in O.A 222 of	of
		2014 dated 04.05.2016, :	if

		Applicable.		
5	7	Type of Development		
		Residential group housing/	Residential Apartment	
1		Villas / Row Houses / Vertical	residental repartment	
	a.	Development / Office / IT/		
		ITES/ Mall/ Hotel/ Hospital		
		/other	· .	
		Residential Township/ Area	No	
	b.	Development Projects	INO	
6	T	Plot Area (Sqm)	5779 52 ag m	
7		Built Up area (Sqm)	5778.52 sq.m.	
<u> </u>		Building Configuration [24899.24 sq.m	
		Number of Blocks / Towers /	Construction of Residential Apartment project	
			comprising of 1 building having 2 Basements +	
8		Wings etc., with Numbers of	Ground Floor + 4 Upper Floors + Terrace Floor	
	L	Basements and Upper Floors]	with total of 225 units. The total site area is	
			7,988.34 sq.m Net site area is 5778.52 sq.m. The	
-	+	Number of units in case of	Gross BUA is 24899.24 sq.m.	
9			Total Number of Units is 225 Nos.	
		Construction Projects		
10	- 1	Number of Plots in case of	-	
10		Residential Township/ Area		
11		Development Projects		
11	1	Project Cost (Rs. In Crores)	50 Crores	
		·	Playground area - 233.38 .m. And Senior Citizen	
	l _D	lagrantian al Aura '	allocated area - 200sq.m. Total Recreational	
12	- 1	lecreational Area in case of	Ground area = 433 sq.m (7.5% of total plot area)	
	N	esidential Projects / Townships	Gym = 433 Sq.m.	
			Total Recreational area = 866 sq.m	
13	╁	Octoble of Lond Her (Co.)	(15% of Net plot area);	
_13		Details of Land Use (Sqm)	0.000	
-	<u>a.</u> b.	Ground Coverage Area Kharab Land	2,860.91sq.m (35.81%)	
. -	υ		Nil	
		Total Green belt on Mother Ear		
	c.	for projects under 8(a) of the	ne	
		schedule of the EIA notification	n,	
<u> </u>	٦.	2006		
-	d.	Internal Roads	2,491.28sq.m. (31.19%)	
-	e.	Paved area	-	
 	f.	Others Specify	-	
	_	Parks and Open space in case of		
	g.	Residential Township/ Are	ea	
<u> </u>	1	Development Projects		
	h.	Total	7,988.34 sq.m.	
			or Excavated earth	
	a.	Details of Debris (in cubic	No demolition is involved.	

		meter/MT) if it involves		
		Demolition of existing structure		•
		and Plan for re use as per		
		Construction and Demolition		
		waste management Rules 2016, If		
	· 	Applicable		
	b.	Total quantity of Excavated	42,550.74 cu.i	m.
	l .	earth (in cubic meter)	40.550.54	
	_	Quantity of Excavated earth	42,550.74 cu.ı	m.
	C.	propose to be used in the Project site (in cubic meter)		
			Nil	
	d.	Excess excavated earth (in cubic meter)	INII	
		Plan for scientific disposal of	No disposal	
		excess excavated earth along	No disposar	
} }	e,	with Coordinate of the site		
		proposed for such disposal		
15	5 W	ATER	<u> </u>	
	I.	Construction Phase		
	a.	Source of water .	From Nearby	treated water suppliers
	1	Quantity of water for	50 KLD	
	b.	Construction in KLD		
		Quantity of water for Domestic	10 KLD	
	C.	Purpose in KLD		
	d.	Waste water generation in KLD	8 KLD	•
		Treatment facility proposed and	The sewage generated during the construction phase will be treated in the Mobile STP	
	e.	scheme of disposal of treated		
		water		
	II.	Operational Phase		
		Total Requirement of Water in	Fresh	46.3
	a.	KLD	Recycled	50.63 +60.01 =110.64
			Total	156.94
	<u>b.</u>	Source of water	BWSSB	
		Waste water generation in KLD	149.09KLD	
} }	d.	STP capacity	175 KLD	0.27
	e.	Technology employed for	SBR Technol	ogy
	٠.	Treatment	No Disposal	The treated visites visit be receed
		Scheme of disposal of excess		. The treated water will be reused hing, landscaping in the project site,
	f.	treated water if any		tation and Reuse after treating with
		Heated Water II arry		and reverse osmosis
16	5 In	 frastructure for Rain water harvest	\ <u></u>	. data 101 class oblitoble
		Capacity of sump tank to store	154 cu.m.	
	a.	Roof run off	•	
	b.	No's of Ground water recharge	28 Nos.	
			I .	



		pits		
17		Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water	
18	V	VASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Dispos as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.2 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.	
	II.	Operational Phase		
	a.	Quantity of Biodegradable was generation and mode of Disposas per norms	sal converted in organic convertor.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	180 kg/day. Non- Biodegradable waste will be handed over to authorized recyclers	
	c.	Quantity of Hazardous Waste generation and mode of Disposas per norms	sal Nil	
	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	E-waste generation will be very less	
19	P	OWER		
	a.	Total Power Requirement - Operational Phase	1000 kVA	
	b.	Numbers of DG set and capacit in KVA for Standby Power Supply	y 4 X 250 kVA	
	c.	Details of Fuel used for DG Set	HSD	
	d. Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007		 Energy saved by using Solar water Heater : 50000 kWH/ Year(a) Solar Power Generation : In non-monsoon season 100kWH x 30 x 8 	

			= (a)+(b)= 0.50 + 0.28 L KWH = 0.78 L / Annum
			(c)
20	PA	ARKING	
	a.	Parking Requirement as per norms	One car spacing for 1 units as the floor area is between 50 sq.m. to 225 sq.m = 60 One car spacing for 2 units as the floor area is below 50 sq.m. = 195 Parking required is =151 Nos Total car Parking required as per NBC= 151 Parking Provided is 203 Ecs which is as Per NBC and MoEF Norms
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Halehalli Raoad–LOS – B
	c.	Internal Road width (RoW)	6 m

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted from the village survey map that there is one primary nala on the northern side of the site for which the proponent has stated that he has left 50 meter buffer zone.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

- 1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
- 2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
- 3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.55 Proposed Residential Apartment Project at Sy.No.183 of Chikkanagamangala village, Sarjapura Hobli, Anekal Taluk, Bangalore by Sri. C.D Nagappa and others(SEIAA 25 CON 2019)

	SI.	PARTICULARS		INFORMATION	
_			L,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

No				
1	Name & Address of the Project Proponent	Sri. C.D.Nagappa & Others, Chikkanagamangala Village, Sarjapura Hobli, Anekal Taluk, Bangalore Urban District.		
2	Name & Location of the Project	Proposed Residential Apartment project of C.D. Nagappa & Others at Sy. No 183 of Chikkanagamangala Village, Sarjapura Hobli, Anekal Taluk, Bangalore.		
3	Co-ordinates of the Project Site	Longitude: 77°41'34.61"E Latitude: 12°51'57.63"N		
4	Environmental Sensitivity			
	Distance from periphery nearest Lake and other wat bodies (Lake, Rajakaluve, Na etc.,)	of er Gulinagamangala lake -1.09 kms(SE). la		
1	Type of water body at the vicinity of the project site and Details of Buffer provided as possible. Details of Buffer provided as possible.	the site boundary.		
 5	Type of Development			
ê	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other	Residential Apartment		
ŀ	Residential Township/ Area Development Projects	No		
6	Plot Area (Sqm)	16,490.80sq.m		
7	Built Up area (Sqm)	68,798.96 sq.m.		
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential Apartment project comprising of 2 Basements + Ground Floor + 12 Upper Floors + Terrace Floor with total of 663 units.		
9	Number of units in case of Construction Projects	Total Number of Units is 663 Nos.		
10	Number of Plots in case of Residential Township/ Area Development Projects			
11	Project Cost (Rs. In Crores)	138		
12	Recreational Area in case of Residential Projects / Townships	Playground area – 442.88 sq.m. And Senior Citizen allocated area – 420.5 sq.m. Cycling track –373.43 sq.m. Total recreational ground area =		

		12	36.75 Sq.m. (7.5% of plot area); Gym and		
	Indoor games on Ground floor: 1236.81				
-	ŀ		5% of plot area). Total recreational area =		
		1 '	73.5 Sq.m. (15% of plot area)		
13	De	etails of Land Use (Sqm)			
	a.	Ground Coverage Area	3221.85 sq.m (19.54%)		
	b.	Kharab Land	Nil		
	-	Total Green belt on Mother	5,441.70 sq.m (33.00%)		
		Earth for projects under 8(a) of			
	c.	the schedule of the EIA			
		notification, 2006			
	d.	Internal Roads	7,826.45 sq.m. (47.46 %)		
	e.	Paved area	-		
	f.	Others Specify	н .		
		Parks and Open space in case of	NA		
	g.	Residential Township/ Area			
<u> </u>		Development Projects			
	h.	Total ·	16,490.80 sqm (Net Site Area)		
14	Dε	etails of demolition debris and / or			
		Details of Debris (in cubic	No demolition is involved.		
		meter/MT) if it involves	•••		
	_	Demolition of existing structure			
	a.	and Plan for re use as per Construction and Demolition			
		waste management Rules 2016,			
		If Applicable			
		Total quantity of Excavated	1,20,789.90 cu.m.		
ŀ	b.	earth (in cubic meter)	1/20// 02/20 Cultur		
	Y	Quantity of Excavated earth	1,20,789.90 cu.m.		
	c.	propose to be used in the Project			
-		site (in cubic meter)			
	٦,	Excess excavated earth (in cubic	Nil		
	d. 	meter)	:		
		Plan for scientific disposal of	No disposal		
	e.	excess excavated earth along			
	С.	with Coordinate of the site			
		proposed for such disposal			
15	15 WATER -				
-	<u>I.</u>	Construction Phase			
-	a.	Source of water	From Nearby treated water suppliers		
	b.	Quantity of water for	50 KLD		
-		Construction in KLD	10 KLD		
	c.	Quantity of water for Domestic	10 KLD		
-	d	Purpose in KLD	SVID		
I	d. Waste water generation in KLD 8 KLD				

	e.	Treatment facility proposed and scheme of disposal of treated water		generated during the construction e treated in the Mobile STP
	1I.	Operational Phase		
		Total Daniel Carlo	Fresh	133.25
	a.	Total Requirement of Water in	Recycled	180.25+149.00=329.25
.		KLD	Total	462.5
	b.	Source of water		nyath Shanthipura
Ì	С.	Waste water generation in KLD	439.5	ryaui Silanunpura
	d.	STP capacity	520 KLD	
	e.	Technology employed for Treatment		ogy
	f.	Scheme of disposal of excess treated water if any	toilet flushir avenue plan ultrafiltration	The treated water will be reused for ng, landscaping in the project site, tation and Reuse after treating with and reverse osmosis
16	In	frastructure for Rain water harves	ting	20 CISC OSITIONS
	a.	Capacity of sump tank to store Roof run off	174 cu.m.	
	b.	No's of Ground water recharge pits	47 Nos.	•
17 18	W	torm water management plan ra	inwater harves charging the g	from the site will be collected by sting system and will be used for round water
	<u>I.</u>	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	20 kg/day of Separate colle and inorgan converted in	waste generated = 0.2 kg/day waste will be generated. ection bins will be used for organic ic waste. Organic waste will be organic convertor. Inorganic solid be handed over to authorized
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	795.6 kg/da converted in a	y. Biodegradable waste will be organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	530.4 kg/day handed over	. Non- Biodegradable waste will be to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil	•
$_{-}$ \lceil	d.	Quantity of E waste generation	E-waste gener	ration will be very less
		<u> </u>		

		waste generation and mode of	. ,	
19) DC	Disposal as per norms	<u> </u>	
15	a.	Total Power Requirement Operational Phase	3000 kVA	
	b. Numbers of DG set and capacity b. in KVA for Standby Power Supply		5 X 600 kVA	
	c.	Details of Fuel used for DG Set	HSD	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	 Energy saved by using Solar water Heater: 1,00,000 kWH/ Year(a) Solar Power Generation: In non-monsoon season 300kWH x 30 x 8 Months = 72,000kWH In monsoon season 250kWH x 30 x 4 Months = 30,000 kWH Total SPV Power Generation in a year = 1.02 L kWH / Annum(b) Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)=1.00 + 1.02 L KWH = 2.02 L / Annum(c) 	
20) PA	ARKING	• Total energy savings = 23.059 %	
	a.	Parking Requirement as per norms	One car spacing for 2 Total units as the floor area is less than 50 sq.m. = 918/2+10% visitors Parking required is 459 cars Total car Parking required as per NBC=366 Parking Provided is 595 Ecs which is as Per NBC and MoEF Norms	
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Rayasandra Main road-LOS - A	
1		T . 1 D 1 111 (D T17)		

6 m

c. Internal Road width (RoW)

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted that as per the old village survey map this particular piece of land is in Sy.No.37, whereas Sy.No.37 has been subdivided into number of blocks and this particular piece of land shown as situated in Sy.No.183 and while mentioning boundaries for this piece

of land it has been mentioned as Sy.No.77 & 78 on the southern side of this project site. As seen from the village map there are no water bodies either in the form of lake or natural nalas which attracts buffer zone as per NGT order.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

- 1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
- 2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
- 3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.56 Proposed Residential Group housing project at Sy.No.179, 182/1, 182/2 of Kaggalipura Village, Uttarahalli Hobli, Bangalore South Taluk, Bangalore by M/s. Emerald Haven Realty Ltd., (SEIAA 27 CON 2019)

	SI. No	PARTICULARS	INFORMATION
	1	Name & Address of the Project Proponent	Mr. V Ganesh Chief Executive Officer M/s. Emerald Haven Realty Limited First Floor, Greenways towers, No. 119, St. Mary's Road, Abhirampuram, Chennai - 600018
	2	Name & Location of the Project	Proposed Residential group housing project by M/s. Emerald Haven Realty Limited at Sy.No 179, 182/1,182/2 of Kaggalipura Village, Uttarahalli Hobli, Bangalore South Taluk, Bangalore.
	3	Co-ordinates of the Project Site	Longitude: 77°30'57.61"E Latitude: 12° 49'5.4"N
L	4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Kaggalipura Lake 0.349 km (SW) Primary Nala is at West and East side of the site 50 m buffer is left
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of	boundary. Primary Nala is at West and East side

	2014 dated 04.05.2016, if Applicable.	
5	Type of Development	
a.	Residential group housing/ Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential group housing
b.	Residential Township/ Area Development Projects	No
6	Plot Area (Sqm)	25,747.77 sq.m.
7	Built Up area (Sqm)	57,002 sq.m
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential group housing project comprising 10 Buildings. Building No. 1, 4, 6, 7, 8 & 9 consists of 1 Basement + Ground Floor + 2 Upper Floors + Terrace Floor. Building No. 2, 3 & 5 consists of Ground Floor + 2 Upper Floors +
		Terrace Floor. Building No. 10 is for Club House which consists of Ground Floor + 2 Upper Floors + Terrace Floor.
9	Number of units in case of Construction Projects	Total Number of Units is 118 Nos.
10	Number of Plots in case of Residential Township/ Area Development Projects	-
11	Project Cost (Rs. In Crores)	114 Crores
12	Recreational Area in case of Residential Projects / Townships	Playground area – 283.12sq.m. And Senior Citizen allocated area – 300sq.in. Cycling track – 731.08 sq.m. Park area = 2603.04 Sq.m. (10.36% of Net plot area);
13	Details of Land Use (Sqm)	
a.	0 10	11,796.00 sq.m (45.81%)
b.	. Kharab Land	Nil
c.	Total Green belt on Mother Eart for projects under 8(a) of the schedule of the EIA notification 2006	ne
. d.	. Internal Roads	9,391.35 sq.m. (36.47%)
e.	Paved area	-
f.	Others Specify	1,328.96 sq.m. (5.29%) - Civic amenities 628.42 sq.m. (2.44%) - Road area
g.	Parks and Open space in case of Residential Township/ Are Development Projects	of NA
h.	Total	25,747.77 sq.m.

14	Details of demolition debris and / or Excavated earth			
	Details of Debris (in cubic		No demolition is involved.	
	meter/MT) if it involves		acti is involved.	
. .	Demolition of existing structure			
a		ļ		
	Construction and Demolition			
	waste management Rules 2016, If		•	
	Applicable	ŀ	-	
b	Total quantity of Excavated earth	34,363.00 cu	1.m	
	(in cubic meter)	, , , ,		
	Quantity of Excavated earth	34,363.00 cu	ı.m.	
C.		, , , , , , , , , , , , , , , , , , , ,		
	site (in cubic meter)			
$ _{d}$	Excess excavated earth (in cubic	Nil		
L u	meter)			
} }	Plan for scientific disposal of	No disposal		
e.	excess excavated earth along			
0.	with Coordinate of the site	,	•	
	proposed for such disposal			
15	WATER			
<u> I.</u>	IIIOC		_	
a.	Source of water	From Nearb	y treated water suppliers	
Ы.	Quantity of water for	50 KLD	<u> </u>	
	Construction in KLD			
c,	Quantity of water for Domestic	10 KLD		
ļ <u>ļ</u>	Purpose in KLD			
d.	Serior de la Company	8 KLD		
	Treatment facility proposed and	The sewage generated during the construction		
e.	scheme of disposal of treated	phase will be treated in the Mobile STP		
	water			
II.	Operational Phase			
ŀ	Total Requirement of Water in	Fresh	25.99	
a.	KLD	Recycled	26.55 +29.77 =56.32	
-		Total	82.31	
<u>b.</u>	Source of water	BWSSB		
C.	Waste water generation in KLD	78.19KLD		
d.	STP capacity	95 KLD		
e.	Technology employed for	SBR Technol	ogy	
-	Treatment			
		No Disposal.	The treated water will be reused for	
		toilet flushing, landscaping in the project site,		
f.	Scheme of disposal of excess		avenue plantation and Reuse after treating with	
f.	Scheme of disposal of excess treated water if any	avenue plant	tation and Reuse after treating with	
	treated water if any	avenue plant ultrafiltration	tation and Reuse after treating with and reverse osmosis	
		avenue plant ultrafiltration	tation and Reuse after treating with	

No's of Ground water recharge pits Storm water management plan ASTE MANAGEMENT Construction Phase Quantity of Solid waste generation and mode of Disposa as per norms Operational Phase Quantity of Biodegradable waste generation and mode of Disposa as per norms Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms Quantity of Hazardous Waste	converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers. 141.60 kg/day. Biodegradable waste will be converted in organic convertor.
ASTE MANAGEMENT Construction Phase Quantity of Solid waste generation and mode of Disposa as per norms Operational Phase Quantity of Biodegradable waste generation and mode of Disposa as per norms Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	rainwater harvesting system and will be used for recharging the ground water No of labours = 100 Nos. Per capita of waste generated = 0.2 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers. 141.60 kg/day. Biodegradable waste will be converted in organic convertor. 94.40 kg/day. Non- Biodegradable waste will be
Construction Phase Quantity of Solid waste generation and mode of Disposa as per norms Operational Phase Quantity of Biodegradable waste generation and mode of Disposa as per norms Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Per capita of waste generated = 0.2 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers. 141.60 kg/day. Biodegradable waste will be converted in organic convertor. 94.40 kg/day. Non- Biodegradable waste will be
Quantity of Solid waste generation and mode of Disposa as per norms Operational Phase Quantity of Biodegradable waste generation and mode of Disposa as per norms Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Per capita of waste generated = 0.2 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers. 141.60 kg/day. Biodegradable waste will be converted in organic convertor. 94.40 kg/day. Non- Biodegradable waste will be
generation and mode of Disposa as per norms Operational Phase Quantity of Biodegradable waste generation and mode of Disposa as per norms Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Per capita of waste generated = 0.2 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers. 141.60 kg/day. Biodegradable waste will be converted in organic convertor. 94.40 kg/day. Non- Biodegradable waste will be
Quantity of Biodegradable waste generation and mode of Disposa as per norms Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	2 141.60 kg/day. Biodegradable waste will be converted in organic convertor. 94.40 kg/day. Non- Biodegradable waste will be
Quantity of Biodegradable waste generation and mode of Disposa as per norms Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	converted in organic convertor. 94.40 kg/day. Non- Biodegradable waste will be
Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	- · · · · · · · · · · · · · · · · · · ·
Quantity of Hazardous Waste	
generation and mode of Disposa as per norms	Nil I
Quantity of E waste generation waste generation and mode of Disposal as per norms	E-waste generation will be very less
OWER	
Total Power Requirement - Operational Phase	500 kVA
Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 500 kVA
	HSD
	 Energy saved by using Solar water Heater: 12,500 kWH/ Year(a) Total SPV Power Generation in a year = 0.30 L kWH / Annum(b) Total Solar Energy utilization (Energy
S D	-

	[20]	PARKING	building = 28.76%
	a.	Parking Requirement as per norms	One car spacing for 1 units as the floor area is between 50 sq.m. to 225 sq.m = 118+10% visitors Parking required is 118+12 cars=130 Nos Total car Parking required as per NBC= 130 Parking Provided is 154 Ecs which is as Per NBC and MoEF Norms
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	NH 209 Service road–LOS – B
L	c.	Internal Road width (RoW)	6 m

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted that as seen from the village survey map there is a primary nala on the eastern side of the project site for which the proponent has stated that he has left 50 meter buffer zone from the edge of the nala and in addition to this there is one secondary nala on the western side of the project site for which the proponent has stated that he has left 35 meter buffer zone as per the Hon'ble NGT order dated: 4^{th} May 2016

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

- 1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
- 2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
- 3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.57 Proposed Building Stone Quarry Project at Sy.No.13 of Ivagilu Village, Ramanagara Taluk, Ramanagara District (3-00 Acres) By Sri Veerabhadraiah (SEIAA 61 MIN 2019)

	S1		
F	<i>9</i> 1.	PARTICULARS	INTEGRALATION :
ļ	No	TAKITCOLAKS	INFORMATION
Ĺ	INO		·

	1	0:11 1 1 1			
	•	Sri Veerabhadraiah	l		
1	Name & Address of the	Bidadi Town			
	Project Proponent	Ramanagara			
		Building stone qua	rry of	, ·	
	Name & Legation of the	Sri Veerabhadraiah	ı		
2	Name & Location of the	Sy. No - 13, Ivagilu	Village,		
	Project	RamanagaraTaluk a	ınd District,		
		Karnataka			
		P.No.	Latitude	Longitude	
		Boundary point-A	N 12°45′20.0°	" E 77°22′04.4"	
3	Co-ordinates of the Project	Boundary point-B		" E 77°22′04.9"	
	Site	Boundary point-C		" Е 77°21′59.9"	
		Boundary point-D			
	T () ()	Building Stone.		, , , , , , , , , , , , , , , , , , , ,	
4	Type of Mineral	0 - 131101			
	Now / Evenneion /	Existing.	•		
5	New / Expansion /				
	Modification / Renewal				
	Type of Land Torock	Government Land.			
	Type of Land [Forest, Government Revenue,				
6	1				
	Gomal, Private/Patta,				
	Other]	,			
	•	-			
_	Whether the project site				
7	fall within ESZ/ESA				
8		3-00 acres			
O ₁	Area in Ha				
	A 1 TO 1				
0	Actual Depth of sand in	-			
9	the lease area in case of		,-		
	River sand			 	
10	Depth of Sand proposed to	_			
	be removed	V	0-1-11		
		Year	Saleable Ruilding Stone		
			Building Stone in Tonnes		
	A	1st			
11	Annual Production	2nd	36,385		
11	Proposed (Metric Tons/	3rd	41,583		
	CUM) / Annum		42,103		
		4 th	42,103	•	
	Ì	5th	41,583		
		Total	2,03,758	·	

12			opsoil/Ov	er				
		en in cubic ral Waste		1 000				
12				The second officer make	• 1			
13	. (Metı Annı		/ CUM)/ [
14				001.17				
15		ct Cost (Re		30lakhs.				
13			Sensitivity	<i>7</i>				
		learest For						
}	1 70 1	learest F labitation	luman I	uman Ivagilu 1km from the proposed lease area.				
İ	E	ducationa	1 R	Ramanagara 9.8 km from the proposed lease area.				
	c. Ir	nstitutes,						
	H	ospital						
	d. W	/ater Bodi	es -					
	e. O	ther Speci	fy -					
	Appli	cability						
	of	General						
16	1	ition of		•				
	the	EIA		•				
		cation,						
<u> </u>	2006							
17	Detail		Use in Ha					
		Sl.		Particulars	Total land use at the end of pla			
<u> </u>		No.			period in acres			
		1	A	rea to be excavated	2-07			
		2	(Storage of top soil	0-15			
		3	Infrastru	cture(workshop,administr	Covered in green belt area			
			1'	ative building)	green best area			
		4		Roads	Covered in quarrying & green be			
					area			
		5		Green belt	0-77			
		Total		**	3-00			
	Metho	d of						
18	Minin	g/	Method o	of Mining is Semi-Mechani	zed with Open Cast Method.			
	Quarrying T h e			The mining operation involves drilling, loading and unloading				
19	Water		· · · · · · · · · · · · · · · · · · ·					
	Requi	rement						
			As no s	urface water sources are a	vailable in the Quarry lease area.			
	So	urce of	Bore w	ell is the source of wate	r used in the Quarry and it is			
	fa. E	urce or ater	borrowe	ed from nearby village.				
		2464	About 4	.0KL/day of water is pro	posed to be utilized for domestic			
•			purpose	s, sprinkling for dust supp	ression, Afforestation etc.			
	b. To	tal	Dust Su		1.5			
				172	- Inc.			

	Requireme	Domestic	1.0
	nt of Water	Other	1.5
	in KLD	Total	4.0
	Storm water	-	
20	management		
	plan		

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that as per the proponent statement the Ivagilu village of Ramanagar taluk wherein this quarry is located is situated at the distance of 17.9 KM from Bannerghatta National Park, 6.0 KM from Ramdevarabetta and 37.0 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned it has not yet been notified, hence by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated within any eco-sensitive zone. However no certificate from the Wild life Authority about the distances is forthcoming.

The quarry lease for this proposal has been granted in the year 2004 for five years. Now the DMG has approved the quarry plan on 14-6-2018 and in order to execute the lease extension the proponent stated that he requires EC for this purpose. Further he has stated that he made out an application to DEIAA on 30-1-2018. Subsequent to this DEAC during its meeting on 19-9-2018 after appraisal recommended the proposal for issue of ECby DEIAA. The proponent has stated that he has made out an application to SEIAA due to change in policy. The proponent based on the fact that the lease was granted in the year 2004(before 9-9-2013) claimed exemption from the cluster effect. The proponent stated that he has mined only 3,000 tons during 2007-08 and since then he has not taken the mining further.

As seen from the approved quarry plan there is a level difference of 20 meter within the lease area and taking this fact into consideration the committee opined that the proposed quantity can be mined scientifically and safely for a quarry pit depth of 3 meter.

The proponent has stated there is an existing cart track road to a length of 900 meters connecting quarry area to the all weather road.



The committee after discussion decided to recommend the proposal to SEIAA subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.58 Proposed Building Stone Quarry Project at Sy.No.83 of Yareborekaval Village, Hassan Taluk, Hassan District (1-10 Acres) By Sri G.H. Manjegowda (SEIAA 62 MIN 2019)

Sl. No	PARTICULARS .	INFORMATION				
1	Name & Address of the Project Proponent	Sri.G.H.Manjego S/o Hanumantho Ward No-16, 6th o Adarshnagar, Ha	egowda cross,			
2	Name & Location of the Project	Building Stone Quarry Sri.G.H.Manjegowda Extent of 1-10 Acers under part of Sy.No-83 Yareborekaval Village, KasabaHobli, Hassan Taluk, Hassan District, Karnataka.				
3	Co-ordinates of the Project Site	P.No. X-Point Boundary point-A Boundary point-B Boundary point-C Boundary point-D	N 12°55′29.5″ N 12°55′26.3″ N 12°55′27.9″ N 12°55′28.0″ N 12°55′26.4″	Longitude E 76°04′56.9″ E 76°04′50.0″ E 76°04′50.3″ E 76°04′46.9″ E 76°04′47.3″		
4	Type of Mineral	Building Stone				
5	New / Expansion / Modification / Renewal	Expansion				
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land	1			
7	Whether the project site fall within ESZ/ESA	1 -				
8	Area in Ha	1-10 acres				

9	- (_	of sand in the	-				
· · · · · ·	-f		e of River sand	•				
10		pth of Sand noved	proposed to be					
	-		·	Year	Saleable			
	-				Building S	tone		
					in Tonnes			
11	An	nual Produ	ction Proposed	2nd	12,006			
11	(M	etric Tons/ (CUM) / Annum	3rd	12,006			
				4th	12,006			
				5th	12,006			
ø				Total	48,024			
12	1 -	antity of	Topsoil/Over	-				
		den in cubic						
13		neral Was		$1017M^{3}$ (2705 Tonnes) f	for a period of 5	years.	
			CUM)/ Annum					
14		ject Cost (Rs	<i></i>	10lakhs.				
15	Env	vironmental	Sensitivity			•		
	a.	Nearest				•		
		Forest				1		
		Nearest	Goolenahalli 1.	2km from	the proposed	lease area.		
	b.	Human					;	
		Habitation Educationa	L Llagger 10 lens f	wana tha na	war and lagge			
		Institutes,	Hassan 10 km f	rom the p.	roposed lease	area.		
	c.	Hospital	·	-				
		Water				· · · · · · · · · · · · · · · · · · ·		
	d.	Bodies						
		Other	-					
	e.	Specify						
	Ap	plicabilit	· · · · · · · · · · · · · · · · · · ·					
	y	of		i				
	1.5	neral						
16	Co	ndition	·			*		
	of	the EIA						
	No	tification						
	, 20							
17	De	tails of Land	Use in Acres				_	
		SI. No.	Part	iculars	Pro	posed land use		
		1	Area to b	e excavate	d	0-28		
		2	Storage	of top soil			7	
	+	3	<u> </u>	ıl storage		0-03		
	-	4	Infrastructu		1011			
	-	1	1	-	-			
			administra	uve buildi	ng)			

		5		Over burned / dump	0-02
		6		. Roads	. 0-02
	7			Green belt	0-15
				Total	1-10
18	Method of Mining/			f Method of Mining is Semi-M Method.	echanized with Open Cast
	Qua	nrrying		The mining operation involunloading	ves drilling, loading and
19	Water Requirement				
	a.	Source water	of	As no surface water sources are as Bore well is the source of water borrowed from nearby village. About 2KL/day of water is propourposes, sprinkling for dust support to the surface of t	r used in the Quarry and it of seed to be utilized for domest
		Total		Dust Suppuration	0.5
		Requir	em	Domestic	1.0
	Ъ.	ent	of	Other	0.5
		Water KLD	in	Total	2.0
	Stor	m w	ater		
20 .	management plan				

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that a petition has been received addressed to all the members and Chairman of SEAC from one Sri. Thimmegowda whose address and phone number are not mentioned. Main allegation in this petition is the lease holder has extracted more than the permitted quantity. To ascertain the correctness of his contention the following vital documents such as Audit report and Certified copy of EC compliance are required and these were not forth coming in the material furnished by the proponent for this the proponent has agreed to come back with these documents. In view of the above the committee decided to defer the subject.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

218.59 Proposed Building Stone Quarry Project at Sy.No.252 of Uragahalli Village, Ramanagara Taluk & Ramanagara District (2-03 Acres) (Q.L.No.1215)By Sri Muruli R.S. (SEIAA 63 MIN 2019)

Sl. No	PARTICULARS	INFORMATION			
1	Name & Address of the Project Proponent	Sri Muruli R S S/o Late. R K Sriniv Ramohalli Village, I Bengaluru south Ta	KengeriHobli		
2	Name & Location of the Project	Building stone quarry of Sri Muruli R S Sy. No - 252, Uragahalli Village, RamanagaraTaluk and District, Karnataka			
3	Co-ordinates of the Project Site	P.No. Boundary point-A Boundary point-C Boundary point-C Boundary point-L Boundary point-L Boundary point-L	N 12°44.676 N 12°44.658 N 12°44.676 N 12°44.676	E 77°21.512′ E 77°21.586′ E 77°21.585′ E 77°21.408′	
4	Type of Mineral	Building Stone.		ī	
5	New / Expansion / Modification / Renewal	Existing.			
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land.			
7	Whether the project site fall within ESZ/ESA				
8	Area in Ha	2-03 acres			
9	Actual Depth of sand in the lease area in case of River sand				
10	Depth of Sand proposed to be removed	-			
11	Annual Production Proposed (Metric Tons/	1 t	eable Building one in Tonnes	9	

9	Wat Req	er uirement						
	Min Qua	hod of ing/ irrying	Metho	Method of Mining is Semi-Mechanized with Open Cast Method. The mining operation involves drilling, loading and unloading				
					Tota	1	2-03	
		•		4	Propose	ed buffer zone	0-33	
			. [3	Roads/	Infrastructure	0-01	
						storage		
			-	2		umps/Mineral	0-01	
	•			1		ry workings	1-08	
		250	[Sl. No.	Pa	rticulars	Area in Acres	
7		ails of Land Use	in Ha	·				
	200	EIA Notification	on,					
.6		neral Condition						
		plicability	of					
	е.	Specify						
į		Other -			· · ·			
	d.	vvater - Bodies						
		Hospital -			-	••		
	C.	Institutes,		•	•	·		
		Educational 8	3.4 km f1	om the p	roposed le	ease area.		
		Habitation						
	b.	Nearest	oennaha	111 2.0 km	trom the	proposed lease a	rea.	
		Forest I	Rommat -	11: 0.01	(,1			
٠	a.	Nearest					•	
15	En	vironmental Ser	nsitivity					
14	Pr	oject Cost (Rs)		15 lakhs	S.	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
		ınum	//					
13	Mineral Waste Handled (Metric Tons/ CUM)/			547 tons	s/annum			
				5/7 ton	c/ann			
12.		ıantity of Topso rden in cubic m		-				
	1	toplik CT	11/0	Tota	al	1,24,164		
				5th		26,805		
	İ			4th	ı	26,805		
	•			3rc	1	26,095	. •	
				.2nc	d	21,263 23,196		

			As no surface water sources are available in the Quarry lease area.		
	}	Course	Bore well is the source of water used in the Quarry and it is borrowed		
	a. Source of		from nearby village.		
	ļ	water	About 0.5KL/day of water is proposed to be utilized for domestic		
			purposes, sprinkling for dust suppression, Afforestation etc.		
		Total	Dust Suppuration	1.0	
	b.	Requireme	Domestic	0.5	
	D.	nt of Water	Other	1.0	
		in KLD	Total	2.5	
	Sto	orm water -		,	
20			rectification from the control to th		
	t p	lan			

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that as per the proponent statement the Uragahallivillage of Ramanagartaluk wherein this quarry is located is situated at the distance of 18.7 KM from Bannerghatta National Park, 4.8 KM from Ramdevarabetta and 35.8 KM from Cauvery Wildlife sanctuary. The eco-sensitive zone for Ramadevarabetta is 1.8 KM and it is varying from 1 KM to 14.5 KM from Cauvery wildlife sanctuary. As far as eco-sensitive zone for Bannerghatta National Park is concerned it has not yet been notified, hence by default it will be 10 KM. Based on this the proponent has claimed that his quarry proposal is not situated in any eco-sensitive zone. However no certificate from the Wild life authority about the distances is forthcoming.

The lease for this proposal was initially granted in the year 2006 for five years and subsequent to this the proponent has stated that he made out an application for the extension of lease period on 17-9-2010 i.e well within the mandated period and continued mining upto13-1-2015. The proponent has stated that he has stopped mining before 13-1-2015 when the EC was made mandatory and not operated mining since then till date and proponent has also claimed exemption from cluster effect since the lease was granted earlier to 9-9-2013.

As per the quarry plan it was observed there is a level difference of 30 meters within the mining area and taking this factor into consideration the committee opined that the proposed quantity can be mined safely and scientifically with a quarry pit depth of 5 meters. The proponent has stated that the road connecting lease area to the existing all weather road formed from the crusher point to a length of 500 meter runs along the existing cart track road.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance subject to submission of certificate from wild life authority regarding the distance from the eco-sensitive zones of the above wild life areas.

The committee also imposed the following conditions:

- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.60 Proposed Building Stone Quarry Project at Sy.No.83 of Yareborekaval Village, Hassan Taluk, Hassan District (1-10 Acres) By Sri Rangaswamy (SEIAA 64 MIN 2019)

SI. No	PARTICULARS	INFORMATION			
1	Name & Address of the Project Proponent	Sri.Rangaswamy S/o JawareGowda Yareborekaval village, Agile post, Hassan-573201			
2	Name & Location of the Project	Building Stone Quarry Sri.Rangaswamy Extent of 1-10 Acers under part of Sy.No-83 Yareborekaval Village, KasabaHobli, Hassan Taluk, Hassan District, Karnataka.			
3	Co-ordinates of the Project Site	P.No. X-Point Boundary point-A Boundary point-B Boundary point-C Boundary point-D	Latitude N 12°55′29.5″ N 12°55′32.7″ N 12°55′35.1″ N 12°55′35.0″ N 12°55′32.4″	Longitude E 76°04′56.9″ E 76°04′49.3″ E 76°04′48.6″ E 76°04′47.2″ E 76°04′46.7″	
4	Type of Mineral	Building stone.		2 70 01 10.7	
5	New / Expansion / Modification / Renewal	Expansion			

6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land	
7	Whether the project site fall within ESZ/ESA		
8	Area in Ha	1-10 acres	- -
9	Actual Depth of sand in the lease area in case of River sand		
10	Depth of Sand proposed to be removed	1	
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	11 /00 / 1111/3	
12	Quantity of Topsoil/Over burden in cubic meter	-	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1 7	
14	14 Project Cost (Rs) 10 lakhs.		
15	Environmental Sen	sitivity	
	a. Nearest Forest Nearest b. Human Habitation	Goolenahalli 1.1km from the proposed lease area.	
	Educational c. Institutes, Hospital	Hassan 10 km from the proposed lease area.	

	1	T17 / =			
ţ	d.	Water Bo			
	e.	Other Spe		***************************************	
		plicability	of	•	• •
16	1	neral Cond			
	of	the	EIA		
177		tification, 20			·
17	Det	ails of Land			<u> </u>
f		SI. No		Proposed land use plan	
		1	Area to be excavated	0-30	·
		2	Storage of top soil		
		3	Mineral storage	0-03	
		4	Infrastructure(workshop,		
			administrative building)		
		5	Over burned / dump	0-02	-
		. 6	Roads	0-01	
		7	Green belt	0-14	
		Total		1-10	
		<u> </u>			J
					•
	Met	hod of	:		
18	F	ing/	Method of Mining is Semi-N		
		rrying	The mining operation invol-	ves drilling, loading and un	loading
19	Wat		-		
	Req	uirement			
			As no surface water source	ces are available in the Qu	arry lease area.
		Source o	f Bore well is the source of w	vater used in the Quarry and	l it is borrowed
	a.	water	from nearby village.	1 . 1	
			About 5 KL/day of Water	er is proposed to be utilize	d for domestic
,	Total D		Dust Suppuration	st suppression, Afforestatio	n etc.
				1.0	
	b.	ent o	T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	1.0	7.11
	!	Water ir	1	3.0	
		KLD	Total	0.0	
	Stor	m water -			
20		agemen			
t plan					

The Proponent and Environment Consultant attended the 218^{th} meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that a petition has been received addressed to all the members and Chairman of SEAC from one Sri. Thimmegowda whose address and phone number are not mentioned. Main allegation in this petition is the lease holder has extracted more than the permitted quantity. To ascertain the correctness of his contention the following vital documents such as Audit report and Certified copy of EC compliance are required and these were not forth coming in the material furnished by the proponent for this the proponent has agreed to come back with these documents. In view of the above the committee decided to defer the subject.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

218.61 Proposed Building Stone Quarry Project at Sy.No.83 of Yareborekaval Village, Hassan Taluk, Hassan District (1-20 Acres) By Sri S.K. Ramesh (SEIAA 65 MIN 2019)

SI. No	PARTICULARS	IN	IFORMATION .	
1	Name & Address of the Project Proponent	Sri.S.K.Ramesh S/o Krishnegowda Indiranagar, Kuvemou Road, Hassan-573201.		
2	Name & Location of the Project	Building Stone Quarry Sri.S.K.Ramesh Extent of 1-20 Acers under part of Sy.No-83 Yareborekaval Village, KasabaHobli, Hassan Taluk, Hassan District, Karnataka.		
3	Co-ordinates of the Project Site	P.No. X-Point Boundary point-A Boundary point-B Boundary point-C Boundary point-D	Latitude N 12°55′29.5″ N 12°55′28.9″ N 12°55′27.9″ N 12°55′30.2″ N 12°55′31.3″	Longitude E 76°04′56.9″ E 76°04′52.0″ E 76°04′50.3″ E 76°04′48.5″ E 76°04′50.0″
4	Type of Mineral	Building stone.	_	
5	New / Expansion / Modification / Renewal	Expansion		



6	Type of Land [F Government Rev Gomal, Private/ Other]	enue,	nent Land	
7	Whether the project fall within ESZ/ESA	t site		
8	Area in Ha	1-20 acres	S	
9	Actual Depth of sar the lease area in car River sand	nd in - se of		
10	Depth of Sand prop to be removed	osed -		
11	Annual Produce Proposed (Metric To CUM) / Annum	ons/ 3rd 4th 5th	Saleable Building Stone in Tonnes 12,122 12,122 12,122 12,122	-
12	Quantity of Topsoil/(burden in cubic meter	Over -	48,488	
13	Mineral Waste Han	··	1832 Tonnes) for a period o	f 5 years.
14	Project Cost (Rs)	15 lakhs.		
15	Environmental Sensiti			
	a. Nearest Forest Goo		from the proposed lease ar	ea
	Habitation			
	c. I Institutes, Hospital	san 10 km from t	the proposed lease area.	-
	d. Water Bodies Other -	4		
	e. Specify			
16	Applicability of General			· · · · · · · · · · · · · · · · · · ·

	Cor	ndition of			
	tḥe	EIA			
•	1	ification,			
177	200		I.T I.T.		
17	Details of Land Sl. No.		Particulars	Proposed land use) :
		1	Area to be excavated	0-35	
	}	2	Storage of top soil		# ·
		3	Mineral storage	0-05	
		4	<u> </u>		
		4	Infrastructure(workshop, administrative building)		
•		5	Over burned / dump	0-03	
		6	Roads	0-02	
		7	Green belt	0-15	
,		Total		1-20	·
			,		
18	Mir	thod of ing/ arrying	Method of Mining is Semi-Mechanized with Open Cast Method. The mining operation involves drilling, loading and unloading		
19	Wa				
	a. Source of water		As no surface water source Bore well is the source of borrowed from nearby villag About 2KL/day of water if purposes, sprinkling for dus	f water used in the Qua ge. s proposed to be utilized	rry and it is for domestic
		Total	Dust Suppuration	0.5	
	b.	Requireme		1.0	
		nt of Wate		0.5	
		in KLD	Total	2.0	
20	Storm water - management plan		- · ·		

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that a petition has been received addressed to all the members and Chairman of SEAC from one Sri. Thimmegowda whose address and phone number are not mentioned. Main allegation in this petition is the lease holder has extracted more than the permitted quantity. To ascertain the correctness of his contention the following vital documents such as Audit report and Certified copy of EC compliance are required and these were not forth coming in the material furnished by the proponent for this the proponent has agreed to come back with these documents. In view of the above the committee decided to defer the subject.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

EIA Appraisal:

218.62 Proposed Modification & Expansion of Embassy Tech Village (ETV) Project at Sy.Nos.8/1, 8/2, 8/3, 8/4, 8/5, 9/1, 9/2, 9/3, 9/4, 9/5, 10/3P, 10/4P, 10/5, 10/6, 10/7, 10/8, 10/9, 10/10, 10/12P, 10/13, 11/3P, 11/4P, 11/5, 11/6, 11/7, 11/8, 11/9, 11/10, 12/1, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 13P, 14/1, 14/2, 14/3, 14/4, 14/5, 14/6, 14/7, 14/8, 14/9, 14/10A, 14/10B, 14/11, 14/12, 14/13, 14/14, 14/15, 14/16, 14/17, 54/7 & 55/6 of Devarabeesanahalli Village and 29/2 of Kariyammana Agrahara Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Vikas Telecom Pvt Ltd., (SEIAA 28 CON 2019)

	BASIC INFORMATION		
S. No	Item	Details	
1	Name of the Project/s	Embassy Tech Village by M/s Vikas Telecom Private Limited.	
2	S. No. in the schedule	8(b) (As per S.O. 3999 Dated 09.12.2016)	
3	Proposed capacity/ area/ length/ tonnage to be handled/ command area/ lease area/ number of wells to be drilled	Environmental Clearance for implementing an Integrated Tech Park	

		The project proponent now proposes the following: 1. De notify a part of the SEZ area, 2. Develop other buildings comprising to establish IT/ITES Park, Commercial, Hotel/Convention, E-Commerce and Retail and 3. Increase the builtup area from 8,41,000.58 Sq.m to 18,33,498.37 Sq.m. in 106.32 Acres. The details of the project are furnished in
		Annexure - 1.
4	New/ expansion/ modernization	Expansion
5	Existing capacity/ Area etc.	The total plot area of 106.32 Acres
		remains same.
6	Category.of Project i.e 'A' or 'B'	Category 'A', 8(b) (As per S.O. 3999
		Dated 09.12.2016)
	Does it attract the general	No . ·
	condition? If yes please specify.	
	Does it attract the specific	No
	condition? If yes please specify.	
	Location	Location Map of the proposed project
		is given in Annexure – 2.
		2 km Radius Map of Survey of India (
		toposheet of the project site is given
		Annexure - 2A.
		Google earth imagery showing the si
		given in Annexure – 2B
-	Location	Devarabeesanahalli and Kariyamm
	Płot/ Survey/ Khasra No's	Agrahara Villages. 8/1, 8/2, 8/3, 8/4, 8/5, 9/1, 9/2, 9/
		9/4, 9/5, 10/3P, 10/4P, 10/5, 10/6,
		10/7, 10/8, 10/9, 10/10, 10/12P,

_			
			10/13, 11/3P, 11/4P, 11/5, 11/6, 11/7
			11/8, 11/9, 11/10, 12/1, 12/2, 12/3,
			12/4, 12/5, 12/6, 12/7, 12/8, 12/9,
			12/10, 12/11, 12/12, 12/13, 13P, 14/1
Ì			14/2, 14/3, 14/4, 14/5, 14/6, 14/7,
	i		14/8, 14/9, 14/10A, 14/10B, 14/11
			14/12, 14/13, 14/14, 14/15, 14/16,
			14/17, 54/7 & 55/6 of
i	ĺ		Devarabeesanahalli Village and 29/2 of
		Village	Kariyammana Agrahara Village.
		Thus,	Devarabeesanahalli and Kariyamman Agrahara Villages, Varthur Hobli.
	ļ	Tehsil	Bengaluru East Taluk,
		District	Bengaluru Urban
İ	-	State	Karnataka
	10	Nearest railway station/	
İ		airport along with distance in	
		Kms.	
			Airport -
			HAL Bengaluru International Airport
	ĺ		3.0 km - NW.
			Kempegowda International Airport –
		<u> </u>	29.30 km – N.
	}_	12	
		Nearest town, city, district	Part of Bengaluru City.
		headquarters along with	
		distance in kms.	
		Village panchayaths, Zilla	Devarabeesanahalli and Kariyamm
		parishad, Municipal	J
		Corporation, Local body	7 0 7
		(Complete postal addresses	· 1
			,
		_	Karnataka.
		given)	
		Name of the applicant	M/s. Vikas Telecom Private Limited
	. -	Registered address	Early District Distri
		registered address	Embassy Point, No.150, Infantry R
	. -		Bengaluru – 560 001.
	- 1	Address for correspondence	
		Name	Mr. H N. Ravindra
		Teame	mi. II M. Kavingia
		Designation	Asst Vice President
		(Owner /Partner/ CEO)	
		Address	Embassy Point, No.150, Infantry R
	L		Embassy Point, No.150, Infantry R

		Bengaluru.	
•	Pincode	560001	1
	E- mail	ravindra@embassyindia.com	-
	Tele-Fax.	080 2228 6912	7
16	Details of Alternative sites	Not Applicable, since it is a building project.	-
	examined, if any location of	•	
	these sites should be shown		ŀ
	on a topo sheet.		
17	Interlinked projects	Not Applicable.	
18	Whether separate application of interlinked project has been submitted?	Not Applicable.	
19	If yes, date of submission	Not Applicable.	,
20	If no, reason .	Not Applicable.	

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that some discrepancies were found between the concept plan submitted for earlier EC and the BUA achieved as per earlier EC for which the proponent agreed to come up with proper clarification. Hence the committee after discussion decided to defer the proposal

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

With the permission of Chairman:

218.63 Propose Ordinary Sand Quarry in Kumaradhara-9 (Block No.3) Kumaradhara River Bed, 34 Project at Adj Sy.No.106 of Nekkiladi Village, Puttur Taluk, Dakshina Kannada District (2.347 Ha) (5.799 Acres) by Deputy Director – District Sand Monitoring Committee – Dakshina Kannada Distrit(SEIAA 66 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	The Deputy Director & The Member Secretary District Sand Monitoring Committee,



		Dakshina Kannada District Mangalore		
2	Name & Location of the Project	Ordinary Sand Block No. 2 in 5.799 acres (2.347 Ha.) in Kumaradhara River Bed, Adj. Sy. No. 106 of 34-Nekkiladi Village, Puttur Taluk & Dakshina Kannada District, Karnataka		
3	Co-ordinates of the Project Site	C. P Latitude Longitude A N 12° 49' 32.80" E 75° 14' 40.10" B N 12° 49' 22.00" E 75° 14' 44.50" C N 12° 49' 23.10" E 75° 14' 49.00" D N 12° 49' 33.90" E 75° 14' 41.70"		
4	Type of Mineral	Ordinary Sand		
5	New / Expansion / Modification / Renewal	New New		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Govt. Revenue		
7	Whether the project site fall within ESZ/ESA	No.		
8	Area in Ha	2.347 Ha.		
9	Actual Depth of sand in the lease area in case of River sand	3.0 m		
10	Depth of Sand proposed to be removed in case of River sand	1.0 m		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	42,524 Tons/Annum		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	40,042 Tons/Annum		
14	Quantity of Topsoil/Over burden in cubic meter None			
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1238 Tons/Annum		
16				
17	Environmental Sensitivity			
	a. Nearest Forest Bellippadi Nekkiladi RF: 0.15 Km SW			
	b. Nearest Human Habitation	TI TO THE COLO IN THE PARTY OF		
	c. Educational Institutes, Hospital			

	·d.	Water Bodies ·	Nethravathi River: 1.5 Km N Bellipadi Todu: 2 Km S Panchera Halla: 3 Km E Kuppetti Halla: 4.7 Km NE	
Ì	e.	Other Specify		
	Ap	plicability of General	None	
18		ndition of the EIA Notification,		
	200			
19	Det	ails of Land Use in Ha		
	a.	Area for Mining/ Quarrying	2.347 Ha.	
	b.	Waste Dumping Area		
,	c.	Top Soil Storage Area	_	
	d. Mineral Storage Area		-	
	e.	Infrastructure Area	-	
,	f.	Road Area	-	
	g. Green Belt Area		-	
	h.	Unexplored area	_	
	i.	Others Specify	-	
20		Method of Mining/ Quarrying	Opencast Semi-me	
21		e of Replenishment in case	42,524 Tons/Annum	
		er sand project		
22	Wa	ter Requirement		
	a.	Source of water	Borewell Water	
			Dust Suppression	5.4 KLD 🧷
	b.	Total Requirement of Water	Domestic	0.36 KLD
	}	in KLD	Other	0.5 KLD
	ļ		Total	6.26 KLD
23	Storm water management plan		Will be carried out	•
24	Any other information specific to		None	

The Proponent and Environment Consultant attended the 218th meeting held on 13-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the proposal is for carrying out the sand mining in the river bed as per the quarry plan the length of the block is average 400 meters and width is average 60 meters. The top level of the deposits is average 32.5 meter and average level of the dry weather flow of the river is 30 meters. The depth of mining proposed is one meter against the depth of deposit is 3 meters. Hence the bottom of the mined pit will be about 1.5 meter above dry weather flow. As per the quarry plan area of the lease is 2.4

Ha whereas as per measurements based on latitude and longitude the area comes to 2.347 Ha the difference is about 2 to 2.5% of the total area. The proponent has proposed the stock yard at a distance of 1.5 KM i.e., at Uppinaangadi and dump yard will be at the neighbouring river bed area.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance with the following conditions:

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 3) The overall depth of mining shall not exceed one meter from the top level at any point of time during the lease period.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Reconsideration Subjects:

218.64 Proposed Construction of 2BHK Housing Project at Sy.No.22, 23 of Kondasapura Village(Phase 2), BidarahalliHobli, Bangalore East Taluk, Bangalore Urban District by Bangalore Development Authority(BDA) (SEIAA 138 CON 2018)

Sl No.		PARTICULARS	." INFORMATION
1	Na	ame & Address of the Project	Executive Engineer
	Pr	oponent	Housing Project Division - 1
			Bangalore Development Authority
			T.Chowdaiah Road
			Kumara Park West
	<u>.</u>		Bangaloe-560 020
2	Name & Location of the Project		Construction of 2BHK Housing Project at
			Sy.No.22,23 of Konadasapura
			Village[Phase 2], BidarahalliHobli,
-			Bangalore East Taluk by Bangalore
			Development Authority (BDA)
3	Co	o-ordinates of the Project Site	Latitude:13 ⁰ 02'19.71" N
			Longitude: 77°45′12.73″ E
4	En	vironmental Sensitivity	
	a	Distance from Periphery of	
	nearest Lake and other water bodies (Lake, Rajakaluve,		Nearest lake is Konadasapura Lake - 0.8
			Km
1	! 	Nala etc.,)	
	b	Type of water body at the	Tiny Nala at 25 m distance from project

	vicinity of the project site and	site.
	details of buffer provided as	Siec.
•	per NGT Direction in O.A.	
	222 of 2014 dated 04.05.2016,	·
]	if Applicable	
5	Type of Development	
	a New/ Expansion /	New
	Modification	TACAA
	b Residential Apartment /	Residential Apartment
	Villas/ Row Houses /	Residential Apartment
	Vinas/ Row Houses/ Vertical Development/	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Office / IT/ ITES/ Mall/	·
	Hotel/ Hospital / other	
	c Residential Township/ Area	,
6	Development Projects	20 102 40 Cam
7	Plot Area (Sqm)	20,193,40 Sqm
	Built up Area (Sqm)	83,665.15 Sqm
0	Position and Committee (Niger)	No. of Diaglacy (
8	Building configuration (Number	No. of Blocks: 6
	of Blocks/Towers/Wings etc., with Numbers of Basements and	No. of Floors: Basement + Stilt + 14
	·	Floors
9	Upper Floors) Number of units in case of	Height of the Building : 44.25mtrs 672 Units
9		672 Units
10	Construction Projects	
10	Number of plots in case of	
	Residential Township/ Area	
11	Development Projects	Rs.225.60 Crores
11 12	Project Cost (Rs. In Crores) Recreational Area in case of	
12		Princed
10	Residential Projects / Townships	
13	Details of Land Use (Sqm)	4002.70 Care
	a Ground Coverage Area	4923.72 Sqm
	b Kharab Land	0500 555
	C Total Green belt on Mother	2538.77Sqm
]	Earth for Projects under 8(a) of	
	the Schedule of the EIA	
	notification, 2006	0007 12 0
	d Internal Roads	9206.45 Sqm
	e Paved area/car parking	3524.46 Sqm
	f Others Specify	200
	g Parks and Open space in case	Marie Control of the
	of Residential Township/ Area	
	Development Projects	
	h Open space & common	
	services	

		h Total		20193.40Sqm	
	14 .	Details of demolition debris and			
Ĺ		/ or Excavated earth			
	a Deta		Details of Debris (in cubic		
ľ		İ	meter / MT) if it involves		
-	_		demolition of existing	,	
			structure and plan for reuse as		
			per construction and		
,			demolition waste management		
ļ			rules 2016, if applicable	·	
		b	Total quantity of Excavated	80,000 Cum	,
			earth (in cubic meter)		
		$\left[c \right]$	Quantity of Excavated earth	Back filling for	r footings : 30,000 Cum
			propose to be used in the		
-			project site (in cubic meter)		
		d	Excess excavated earth (in	50,000Cum	
			cubic meter)		
-		e	Plan for scientific disposal of	Excess quantit	y of excavated earth to be
			excess excavated earth along		A road works/Plantation
			with Coordinate of the site		•
-	<u> </u>	717	proposed for such disposal.		
L	<u>15</u>	_	ATER		
		I	Construction Phase		
		a	Source of water	Tertiary Treate	ed Water
		b	Quantity of water for	80 KLD	
			construction in KLD		
-		С	Quantity of water for	20 KLD	
	İ	ī	Domestic purpose in KLD		
ļ		d	Waste water generation in	16 KLD	
			Tractment (a cilitary 1		
		e	Treatment facility proposed		
-			and scheme of disposal of treated water		
		II	Operational Phase		·
		a		Track	000 101 D
		ч	Total Requirement of water in KLD	Fresh	333 KLD
				Recycled	166 KLD
		b	Source of water	Total	499 KLD
	ļ			BWSSB	
		C	Waste water generation in KLD	466 KLD	
	-	d	STP Capacity	470 KT D	
		e		470 KLD	1 D . Comp.
		•	Technology employed for Treatment	Sequential Bato	h Reactor [SBR] Process
•		f	Scheme of disposal of excess		rtiary treatment
Incess Tertiary to		y treated excess sewage			
			detect water it ally	water will b	e supplied to Building

[contractors/farmers.
16	Inf	rastructure for Rain Water	
	Г	rvesting	• • •
	a	Capacity of sump tank to	98 cum
	"	store Roof run off	Joeuni
·.	b	No's of Ground water	18
٠.	0	<u> </u>	10
177		recharge pits	C' '- EMD
17	-	rm water management plan	Given in EMP
18		ASTE MANAGEMENT	
	I	Construction Phase	
	a	Quantity of Solid Waste	The solid waste include concrete (often
	ľ	Generation and mode of	recycled and reused at the site), steel and
		Disposal as per norms	other metals like, packaging and paper
ŀ			products, fluorescent tubes, wood beams,
			tiles etc., -
ŀ			Disposal: Recyclable waste will be
			recycled or sell it to end users. The other
			waste can be used as land fill or
			Landscaping as per norms
	II	Operational Phase ·	·
	a	Quantity of Biodegradable	757 Kg/day
		waste generation and mode	Will be treated in organic convertor and
		of Disposal as per norms	the product used as manure.
	Ъ	Quantity of Non-	1091 Kg/day
		Biodegradable waste	Will be sent for recycling/sell end users
		generation and mode of	, , , , , , , , , , , , , , , , , , ,
		Disposal as per norms	
	c	Quantity of Hazardous waste	Waste Oil from DG sets and disposed as
	_	generation and mode of	per norms
}		Disposal as per norms	
	d	Quantity of E-waste	
		generation and mode of	
		Disposal as per norms	
19	PC	WER	
	a	Total Power Requirement –	2400 KVA
	"	Operational Phase	
	Ъ	Numbers of DG set and	2 X 250 KVA
	"	capacity in KVA for Standby	27,200 1,111
_		power supply	·
,		Details of Fuel used for DG	Diesel
	С	Set	D16961
	.1	<u> </u>	Please EMP
	d	Energy conservation plan	Flease EIVIF
		and percentage of savings	
		including plan for utilization	
	<u> </u>	of solar energy as per ECBC	

	2007	
20	PARKING	
	a Parking Requirement as per norms	739
	b Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Nearest Connecting Road is NH 75(Old Madras Road) – 0.8 Km LoS is 'A'
	c Internal Road width (RoW)	8.0m Wide Road
21	Any other information specific to the project (Specify)	

The proposal was placed before the committee for appraisal.

The proponent and Environment Consultant attended the 210th meeting held on 9-10-2018 to provide additional information/clarification. The committee noted that as per the village survey map there is one tertiary nala running by the side of project site for which the proponent has stated that he has left 25 meter buffer zone from the edge of the nala as per NGT order. The committee also observed that the proponent not left suitable area earmarked for the development of greenery all around the project site. The proponent has considered the canopy area and not the ground area for development of greenery. The proponent also agreed not to provide soak pit or septic tank at any stage.

Hence, the committee after discussion decided to recall after submission of the revised concept plan including the development of greenery.

The proponent has submitted the replies vide letter dated:22-12-2018.

The proponent was invited for the 214th meeting held on 29-12-2018 to provide required clarification and additional information.

The committee decided to proceed with the appraisal as per the NGT order dated:4-5-2016 instead of recent NGT order. It is stated that the proponent, BDA has modified the site plan increasing the site area from 20,193.40 sqmts to 27,708.33 sqmts by incorporating additional area which was in their possession and he further stated that there is no change in the configuration of the building except the changes made in the site plan with an additional area. By these changes the area left for greenery is 7,269.85 sqmts which works out to 26.24% of the total plot area. The buffer area left for nala is outside this site and he has agreed to develop this buffer zone also by planting suitable tree species.

The committee after discussion decided to reconsider after submission of the following information.

1) The Micro water shed surface hydrology has to be carried out and submitted.

- 2) In the land use plan the area reserved for greenery may be bifurcated in the area reserved for green belt all round the project site and additional area reserved for greenery.
- 3) Solar panel layout utilizing the entire terrace area for solar power generation may be worked out and submitted.
- 4) Details of storage sump for storage of water from terrace and paved area may be worked out and submitted.

The proponent has submitted the replies vide letter dated:12-2-2019. The committee perused the replies submitted by the proponent and accepted the replies except the surface hydrological data of the surrounding area which do not contain any catchment area of the micro watershed of the near by nala and also the carrying capacity of the nala. Hence the committee decided to recommend the proposal for issue of Environment Clearance subject to condition that the Hydrological data for the micro watershed area of the nearby nala and its runoff and yield and also the carrying capacity of the nala shall be furnished to Authority.

The committee also imposed the following conditions.

- 1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
- 2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
- 3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

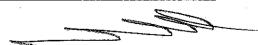
Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.65 Proposed Residential Apartment Project at Sy.Nos.121/1, 121/2, 122/2, 123/2, 126/1, 90/1, and 90/2 of Bommenahalli Village, Bidarhalli Hobli, Bangalore East Taluk, Bangalore by M/s. Garden City Realty Pvt Ltd(SEIAA 07 CON 2019)

Sl.	PARTICULARS	INFORMATION	
No			
1	Name & Address of the Project	M/s Garden City Realty Pvt. Ltd.,	
	Proponent	# 845, 5th Cross, 10th Main, 2nd Stage,	
		Indiranagar, Bangalore - 560 038	
2	Name & Location of the Project	Residential Apartment Project with	
	,	1262 flats Survey Nos. 121/1, 121/2,	
,		122/2, 123/2, 126/1, 90/1 and 90/2,	
		Bommenahalli Village,	
	,	BidarahalliHobli, Bangalore East	
		Taluk, Bangalore.	
3	Co- ordinates of the Project Site	Latitude : 13°4′ 14.06″ N	

		Longitude : 77º44′ 48.56″ E			
4		Environmental Sensitivity .			
	a.	Distance from periphery	of Water bodies (Arial distance) -		
		nearest Lake and other wat	er Nimbekaypura Lake at 250 mts		
		bodies (Lake, Rajakaluve, Na	la distance towards South,		
		etc.,)	Bommenahalli Lake at 500 mts		
			distance towards North,		
			Lagamenahalli Lake at 700 mts		
	•		distance towards East,		
			ChikkaHoskote Lake at 1.5 Km		
			distance towards South and		
			Hosakote Lake at 1.7 Km distance towards East.		
	b.	Type of water body at the vicini			
	٠.	of the project site and Details			
		Buffer provided as per NG			
		Direction in O.A 222 of 2014 date			
		04.05.2016, if Applicable.			
5		Type of Development			
	a.	New / Expansion / Modification			
	b.	Residential Apartment / Villas	·		
		Row Houses / Vertica			
		Development / Office /IT/ITES	/		
	c.	Mall/ Hotel/ Hospital/ other Residential Township/ Are	a Nat A It a II		
	С.	Development Projects	a Not Applicable.		
6	I	Plot Area (Sqm)	48,945.76sq m (12 Acres 3.6Guntas)		
7		Built Up area (Sqm)	1,47,168.71sq m		
8		Building Configuration [Number	The project consists of Residential		
	C	of Blocks/ Towers/ Wings etc.,	Apartments in 9 Towers and a club		
		with Numbers of Basements and	house		
	T	Jpper Floors]	Tower 1 to 8 have 2 Basements,		
			Ground and 14 floors.		
			Tower 9 have 2 Basements, Ground		
			and 7 floors (basement floors		
			common for all 9 towers)		
		·	Club house with Ground and 2		
		<u> </u>	floors.		
9		lumber of units in case of	case of Number of flats - 1262 units		
4.0		Construction Projects			
10	- 1	Number of Plots in case of	NA		
	- 1	Residential Township/ Area			
11		Pevelopment Projects Project Cost (Rs. In crores)	Pa 200 00 00 000 /		
	1	roject Cost (Rs. In crores)	Rs. 269,00,00,000/-		

		towards expansion cost (Rupees Two hundred and Six Nine Crores Only)			
12	1	Recreational Area in case of NA			
	}	Residential Projects / Townships			
13		Details of Land Use (Sqm)			
	a.		7,699.46sq m (15.73%)		
	b.	<u> </u>	7,055,1555 12 (15,7576)		
	<u>с.</u>		16,152.1sq m (33%)		
	٠.	for projects under 8(a) of the			
		schedule of the EIA notification			
		2006	'		
	d.		25,094.19sq m (51.26%)		
	e.	Paved area			
	f.	Others Specifty			
	g.		f -		
	ρ,	Residential Township/ Area	1		
		Development Projects			
	h.	<u> </u>			
14		Details of demolition debris and / o	r Excavated earth		
	a.		Construction debris generated for		
	•••	· ·	construction activity will be utilized		
			for the paved area/ formation		
		and Plan for re use as per			
		Construction and Demolition			
}		waste management Rules 2016, Is	f		
		Applicable	·		
	b.	Total quantity of Excavated earth	The EMP was planned and		
		(in cubic meter)	implemented during the course of		
	c.	Quantity of Excavated earth	construction activity in the project.		
		propose to be used in the Project	Presently construction activity in the		
		site (in cubic meter)	_ project is completed		
	d.	Excess excavated earth (in cubic			
		meter)			
	e.	!			
		excess excavated earth along with	· ·		
		Coordinate of the site proposed			
		for such disposal			
15		WATER			
	I.	Construction Phase	Presently construction activity in the		
			project is not started		
	a.		MandurGrama Panchayat/Borewell		
	b.		r NA		
		Construction in KLD			
	c.	~ /	50 KLD		
		Purpose of KLD			



	d.	Waste water generation in KLD	45 KLD	
	e.	Treatment facility proposed and	Sewage generated from the labor	
'		scheme of disposal of treated	camp will be treated in package STF	
		water	of capacity 50 KLD	
II.		Operational Phase		
			Fresh	574 KLD
	a.	Total Requirement of Water in	Recycled	289KLD
		KLD	Total	863 KLD
	b.	Source of water	MandurGran	na Panchayat/Borewell
	c.	Waste water generation in KLD	777 KLD	, , , , , , , , , , , , , , , , , , , ,
	d.	STP capacity	800 KLD (2)	(400 KLD)
	e.	Technology employed for		
		Treatment		
}	f.	Scheme of disposal of excess	The treated	sewage will be re-used
		treated water if any	for gardenin	g, flushing of toilet, car
<u></u>	l		washing, pay	ved area washing etc.
16		Infrastructure for Rain water harvest	ing	
	a.	Capacity of sump tank to store	250 cum/da	y capacity roof top rain
<u>_</u>		Roof run off	water storage	e tank is proposed
	b.	No's of Ground water recharge	About 50 pits	s ·
<u> </u>		pits		
17		Storm water management plan	Appended in t	he report
18		WASTE MANAGEMENT		
	I.	Construction Phase		nstruction activity in the
			project is not	
	a.	Quantity of Solid waste	The solid v	vaste generated during
		generation and mode of Disposal		
		as per norms	Vermicompo	sted and the product
	TT	On and the self Di	will be used a	as manure.
	II.	Operational Phase	4E4 TC /1	
	a.	Quantity of Biodegradable waste		y -Organic solid waste
		generation and mode of Disposal as per norms	will be com	posted through Vermi
]	İ	as per norms	Composting	method and product
		·		sed as manure for
	b.	Quantity of Non-Biodegradable	Landscape de	
	~•	waste generation and mode of	1010 Kg/day will be handed over to recyclers.	
		Disposal as per norms	recyclers.	
	c.	Quantity of Hazardous Waste	1000 Litros/a	unnum will be disposed
		generation and mod of Disposal		
ļ		as per norms	to KSPCB approved and CPCB register waste oil re-processors.	
	d.	Quantity of E waste generation	NA	on re processors.
ŀ		and mode of Disposal as per	- 17 -	
_	_	norms		
19	F	POWER		

	a.	1	
		Operational phase	BESCOM
,	b.	Number of DG set and capacity in	2 X 2500 KVA capacity DG sets
		KVA for Standby Power Supply	
	c.	Details of Fuel used for DG Set .	Ultra-Pure Low Sulphur Content
	_		Diesel
	d.	Energy conservation plan and	Details appended
		Percentage of savings including	
		plan for utilization of solar energy	
		as per ECBC 2007	·
20]	PARKING	
	a.	Parking Requirement as per	1495 cars
		norms	
	b.	Level of Service (LOS) of the	
		connecting Roads as per the	
		Traffic Study Report	
	c.	Internal Road width (RoW)	8 m wide fire driveway provided all-
		, , , , , , , , , , , , , , , , , , ,	round the buildings
21		Any other information specific to	-
	t	the Project (Specify)	•

The Proponent and Environment Consultant attended the 216th meeting held on 13-2-2019 to provide clarification/additional information.

`The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted from the village survey map there are no water bodies either in the form of lake or natural nalas which attracts buffer as per NGT order.

The committee after discussion decided to reconsider after submission of the following information.

- 1) Surface hydrology details are to be worked out taking into consideration the entire catchment area of the nearby nalas and ascertain the carrying capacity of the nala.
- 2) scheme for waste to energy plant may be worked out and submitted.

The proponent has submitted the replies on 26-2-2019. The committee perused the replies submitted by the proponent and accepted the same.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Enviornment clearance with the following conditions.

- 1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
- 2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
- 3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

218.66 Proposed Affordable Residential Development at Sy.Nos.37/4, 37/5, (37/3) 56/4, 56/5, 56/6, 64/4, (64/2), 64/5 (64/2), 65/1A, 65/1B of Chikkanayakanahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru by M/s. Orchids Apartments Pvt Ltd.,(SEIAA 13 CON 2019)

1	51. No.	PARTICULARS	INFORMATION	
1		Name & Address of the Project Proponent	M/s. Orchids Apartments Private Limited, No. 10, Vittal Mallya Road, Bengaluru – 560 001.	
2		Name & Location of the Project	Proposed Affordable Residential Development At Sy. Nos. 37/4, 37/5 (37/3), 56/4, 56/5, 56/6, 64/4 64/2), 64/5 (64/2), 65/1A, 65/1B Chikkanayakanahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru.	
3	}	Co-ordinates of the Project Site	Latitude: 12° 53′ 11.50″ N Longitude: 77° 41′ 31.50″ E	
4	Į.	Environmental Sensitivity		
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) Hadosiddapura Lake - 850 m from the project As per the village map there is a nala in the project site for which a buffer of 25m from the edge of nala has been left as per the NGT orde No. OA 222/2014 dated 04.05.2016.		
1	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	Hadosiddapura Lake - 850 m from the project site. As per the village map there is a nala in the project site for which a buffer of 25m from the edge of nala has been left as per the NGT order No. OA 222/2014 dated 04.05.2016.	
5	a.	Type of Development Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/	Residential Apartment	

ŀ		Hospital / other			
	b.:	Residential Township/ Area Development Projects	No ·	•	
6			4,783.56 Sqmt (13 Acres 21.5 Guntas)		
7		````	1, 48,476 Sqmt		
8		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] Number of units in case of Construction Projects	8 Blocks Block 1 - B+GF+12UF Block 2 - GF+12UF Block 3 - 2B+GF+11UF Block 4 - 2B+GF+11UF Block 5 - 2B+GF+11UF Block 6 - GF+12UF Block 7 - GF+12UF Block 8 - B+GF+11UF Residential Units 1,201 Nos. EWS Units 121 Nos.		
10)	Number of Plots in case of	Total 1,322 No.		
 11	 L		Rs 287 Crores		
12	2	Recreational Area in case of Residential Projects / Townships	5,327 Sqmt (Park & Open Space)		
13	3	Details of Land Use (Sqm)		V	
	a.	Ground Coverage Area	9,086Sqmt		
	b.	Kharab Land	1,517.55 Sqmt		
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006			
	d.	Internal Roads	18,945.65 Sqmt		
-	e.	Paved area	Program of the state of the sta		
	f.	Others Specify	Service area = 2,962 Civic Amenities Are	_	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	Included in the land	· · · · · · · · · · · · · · · · · · ·	
ĺ	h.	Total	54,783.56 Sqmt	•	
14	4	Details of demolition debris and / or	Excavated earth		

Rules 2016, If Applicable b. Total quantity of Excavated earth (in cubic meter) Quantity of Excavated earth propose to be used in the Project site (in cubic meter) d. Excess excavated earth (in cubic meter) Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for					
c. to be used in the Project site (in cubic meter) d. Excess excavated earth (in cubic meter) Plan for scientific disposal of excess excavated earth along with					
Plan for scientific disposal of excess excavated earth along with					
e. excavated earth along with					
such disposal					
5 WATER ·					
	Construction Phase				
a. Source of water Nearby project STP treated water					
b. Quantity of water for Construction in KLD 21 KLD	21 KLD				
c. Quantity of water for Domestic Purpose in KLD 9.0 KLD	9.0 KLD				
d. Waste water generation in KLD 8.5 KLD					
Treatment facility proposed and scheme of disposal of treated water sewage treatment plant through extending for further treatment.	collection to BWSSB				
II. Operational Phase					
Fresh 581 KLD					
a. Total Requirement of Water in KLD Recycled 291 KLD					
Total 872KLD					
b. Source of water Halanayakanahalli Grama Panchayat	.t				
c. Waste water generation in KLD 741 KLD					
d. STP capacity 625 KLD and 120 KLD					
	Advanced Sequencing Batch Reactor Technology				
f. Scheme of disposal of excess treated For Flushing - 291 KLD	Technology				

	water if any	For Landscaping - 141 KLD.			
	water if arry				
•		For Car washing - 73KLD			
16	Infrastructure for Rain water harvesti	For construction and avenue plantation - 162 KLD			
10					
а.	Capacity of sump tank to store Roof run off	585 Cum 1 No. and 112 Cum 1 No.			
b.	No's of Ground water recharge pits	27 Nos.			
17	Storm water management plan	'es			
18	WASTE MANAGEMENT				
I.	I. Construction Phase				
a.	Quantity of Solid waste generation and mode of Disposal as per norms	45 kg/day. Solid waste generated will be collected manually and handed over to authorized recyclers.			
II.	Operational Phase				
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1.73MT/day. Biodegradable wastes will be segregated at the source and will be processed in proposed organic waste converter.			
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	1.16 MT/day. Non-biodegradable Wastes will be given to the waste recyclers.			
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 2.95 l/hr. Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.			
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.			
19	POWER				
a.	Total Power Requirement - Operational Phase	12,000kVA			
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1,010 kVA X 6 Nos.			
c.	Details of Fuel used for DG Set	1,270 l/hr			
d. Energy c.onservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007		Solar water heater Solar lighting Cu wound transformer HF ballast LED Energy Savings: 25%			
l	PARKING				
		·			

a,	Parking Requirement as per norms	Required			Provided		
		1,454 Nos.			1,456 Nos.		
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road Existing		sting	Modifie d	Change d Scenario	
		Gattahalli Road		В		С	A
		Sarjapur Main	ORR	С		D	В
		Road	Sarjapur	С		D	В
C.	Internal Road width (RoW)	6.0 m					

The Proponent and Environment Consultant attended the 216th meeting held on 14th February 2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form-I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted from the village survey map there is a tertiary nala running all along the eastern corner of the project site for which the proponent has stated that he has left 25 meter buffer as mandated by NGT order. Also as per the village survey map there is one cart track road on the western side of the project site for which the proponent has stated he has left this cart track as it is and assured this will be kept open for public use.

The committee after discussion decided to reconsider after submission of the following information.

1) The proponent has to redraw the water flow chart taking into consideration the rural standards of 55 LPCD and making good balance of 80 LPCD treated recirculated sewage water and also he has to redraw flow chart for the sewage treatment to meet this demand.

The proponent has submitted the replies on 7-3-2019. The committee perused the replies submitted by the proponent and accepted the same.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment clearance with the following conditions.

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.



2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.

3. Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

Referred back from Authority

218.67 Proposed Hebballi Ordinary Sand Quary Project at Sy.No.108(P) of Hebballi Village, Badami Taluk, Bagalkote District(7-05 Acres) by Sri Shivaputrappa Sajjanar (SEIAA 7 MIN 2019)

SI. No	- PARTICULARS	INFORMATION			
1	Name & Address of the Project Proponent ·	Sri. Shivaputrappa Sajjanar S/o Basappa# 57, Chikmagi Village, Hanugunda Taluk, Bagalkote District, Karnataka			
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 7-05 Acres (2.88 Hectares) in Patta Land at Sy. No. 108(P) of Hebballi Village, Badami taluk, Bagalkote district, Karnataka			
3	Co-ordinates of the Project Site	Latitude: N15° 49′ 57.8″ to N 15° 49′ 55.1″ Longitude: E75° 36′ 42.5″ to E75° 36′ 40.3″			
4	Type of Mineral	Ordinary Sand Quarry			
5	New / Expansion / Modification / Renewal	New			
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land			
7	Whether the project site fall within ESZ/ESA	No			
8	Area in Ha	2.88 Ha			
9	Actual Depth of sand in the lease area in case of River sand	NA			
10	Depth of Sand proposed to be removed	3.00 m			
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining	Not Applicable For Patta land			

	gı	ıideline 2016			
		easurements of the existing	Fresh Land		
1		arry pits in case of	• • • • • • • • • • • • • • • • • • • •		
12	ongoing/expansion/modification		-		
	of mining proposals other than				
	river sand				
10	Annual Production Proposed		36,500 Tons/annum		
13		letric Tons/ CUM) / Annum	cojou Torisj amaini		
11	Quantity of Topsoil/Over burden in cubic meter		Topsoil 1.00	m and Sand upto a depth of 3.0m	
14			The state of the s		
15	Mineral Waste Handled (Metric		14,600 TPA		
15		ons/ CUM)/ Annum			
16	Pr	oject Cost (Rs. In Crores)	1.86 crores		
17	Er	vironmental Sensitivity			
	a.	Nearest Forest	Belavalkoppa	Reseved Forest - 3.05 kms(N)	
	b.	Nearest Human Habitation	Hebballi - 0.	54 Km N	
		Educational Institutes,		post and telegraph office,	
	c.	Hospital		ools, police station is situated in	
		-	Badami.	-	
ĺ	d.	Water Bodies	Malaprabha l	River - 200 mts (N)	
	e.	Other Specify			
		oplicability of General			
18	Condition of the EIA				
10		otification, 2006			
19	 	etails of Land Use in Acres			
	a.	Area for Mining/ Quarrying	5-05 		
<u></u>	b.	Waste Dumping Area			
<u></u>	c.	Top Soil Storage Area	2-17 (Tempor	ary)	
	d.	Mineral Storage Area			
	e.	Infrastructure Area			
	f.	Road Area		·	
	g.	Green Belt Area/Buffer Zone	2-00		
	h.	Unexplored area			
00	i.	Others Specify			
20	N	Method of Mining/ Quarrying		ized Open quarrying excavation	
21		Rate of Replenishment in	NA		
- 00	T 4.7	case River sand project			
22	vv a	ter Requirement			
	a.	Source of water		er : Borewell from the village	
	b.	Total Requirement of Water		sion: River Water	
			Dust	3.5 KLD	
			Suppression		
			Domestic	0.49 KLD	
.			Other Total	1.5 KLD	
	ı			5.49 KLD	

• Drains will be constructed along the boundary of activity area
• Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 215th meeting held on 21st January 2019 to provide clarification/additional information.

The Hon'ble NGT order dated: 13-9-2018, 11-12-2018 and OM dated: 12th December 2018 issued by MoEFF & CC, GoI was brought to the notice of the committee and read before the committee. In view of the above orders and the OM lot of pending files at the DEAC/DEIAA are being received at SEIAA. Hence the Authority directed the SEAC to appraise the proposals accordingly.

The OM dated: 12th December 2018 issued by MoEFF & CC, GoI was brought to the notice of the committee which says that the projects with an area above 5 hectares and within 25 hectares are tobe treated on par with B1 projects with EIA including public consultation which need to be appraised accordingly. The committee after due deliberation and discussion on the said OM opined that the OM is silent about the projects that are being dealt at the SEIAA level. The concluding part of the OM just states that the Notification issued on 15-1-2016 which deals with the formation of DEAC/DEIAA is kept in abeyance and whereas regarding the powers vested with the SEAC/SEIAA the OM being silent, the SEAC has construed that it is not limiting the powers vested with SEAC/SEIAA in the Notification dated:15-1-2016 and proceeded with the appraisal.

As stated by the proponent the application for this proposal was made out to the DEIAA on 29-9-2018 and the DEAC has not taken up the appraisal and in the meantime the proponent has made out an application to the SEIAA for issual of EC in view of the change in policy decision.

This a sand mining proposal in patta land. As per the combined sketch there are two other leases within the 500 meter distance from this lease area. The total area of the three mining leases including this mining lease is 24 Acres 37 guntas which is less than the threshold limit of 25 Hectares. Hence this proposal has been appraised under B2 category. The area of mining lease is 7acres 5 guntas.

The committee noted that the patta land wherein the mining is proposed is 190 meter away from the Malaprabha river. The proponent stated that the dry weather flow of the Malaprabha river is 517meter and average top level of the sand block is 525

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meters and depth of mining including top soil depth of 0.5 meter is 3.5 meter. Hence the bottom of the mined pit will be at 521.5 meters i.e.4.5 meter above dry weather flow of Malaprabha river.

The proponent has proposed to take up mining subdividing the lease area into three sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and filling it in the mined block. The total quantity proposed to be mined over a period of three years is 65,700 cum or 1,09,500 tons.

The stock yard is situated in Sy.No.108 which is adjacent to the lease area and the proponent has entered into an MOU with the owner of this land. The approach road to a length of 850 meters running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners.

As seen from the approved mining plan and the land area reserved for mining and considering the depth of 3.0 meter the total quantity that can be mined comes to 62,000 cum or 1,05,400 tons. The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance with the following conditions:

1) The overall depth of mining shall not exceed 3.0 meter from the top level at any point of time during the lease period.

The Authority perused the proposal and took note of the recommendation of SEAC in its 163rd Meeting held on 25th January 2019.

The Authority observed that this project proposal is being considered by Authority as per directions of the MoEF, GoI issued vide O.M dated: 12th December 2018. As per this direction all the individual leases and clusters having total lease area of 5 to 25 Ha also have to be appraised as B1 category activity. While going through the proceedings of the sEAC, the Authority observed that the total lease area in this cluster is 24 Acres 37 Guntas which is more than 5 Ha threshold limit. The Authority therefore opined that this proposal has to be B1 category project/activity.

The Authority after discussion decided to refer the file back to sEAC to undertake screening, scoping, public consultation and appraisal of the proposal strictly in accordance with law and in the spirit of the orders of the Hon'ble NGT dated:4th September 2018, 13th September 2018 and the OM dated:12-12-2018 issued by MoEF & CC Government of India and sending recommendation deemed fit based on merit

The proposal was placed before the 218th meeting held on 13-3-2019. The proponent and Environment consultant attended the meeting to provide required clarification/additional information. The committee noted the instructions given by SEIAA about the categorization of the project. This project was categorized as B2 considering the threshold limit of 25 Ha. The earlier information furnished by the proponent states that there are two other quarries within the 500 meter radius from this quarry and total area of all these three quarries is 24.30 Acres. During the reappraisal of this proposal in light of the SEIAA direction proponent has produced a letter and cluster sketch stating that the two other quarries mentioned earlier are now exhausted and are not working now. Hence only this quarry will remain within the 500 meter radius and the area of this quarry being 7 Acres 5 guntas which is less than threshold limit of 5 Ha this proposal again fall under B2 category. Hence the appraisal made earlier holds good now also.

Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

The meeting concluded with thanks to the Chair.

Chairman, SEAC Karnataka.