

Proceedings of the 257thSEAC Meeting -Video conference

1stand 2nd March 2021

Members present

1.	Shri. Venugopal V	Chairman
2.	Dr. Shekar H.S	Member
3.	Dr. J.B Raj	Member
4.	Shri. Nanda Kishore	Member
5.	Dr. S.K. Gali	Member
6.	Shri. Vyshak V Anand	Member
7.	Shri. Dinesh MC	Member
8.	Shri. Devegowda Raju	Member
9.	Shri. Sharanabasava Chandrashekhar Pilli	Member
10.	Shri J G Kaveriappa	Member
11.	Shri. Mahendra Kumar M C	Member
12.	Shri. B V ByraReddy	Member
13.	Dr.Sarvamangala R. Patil	Member
14.	Shri. B. Ramasubba Reddy	Member
15.	Smt. Shobha Hegde	Member Secretary

The Chairman welcomed the members and initiated the discussion. The proceedings of the 256th meeting held on 3rd and 4th of February 2021 were read and accepted.

Subjects appraised - 1st March 2021

EIA Projects

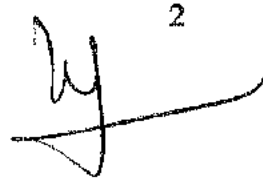
257.1. Mixed Use Development Project at Rachenahalli Village, K.R.PuramHobli, Bangalore East Taluk, Bangalore Urban District by M/s. Mantri Technology Constellation Pvt. Ltd. (SEIAA 55 CON 2020) [SLA/KA/MIS/59778/2021]- Expansion & Modification

About the Project:

Sl. No	PARTICULARS	INFORMATION
1	Name & address of the Project Proponent	M/s. Manyata Realty and Manyata Infrastructure Developments Pvt Ltd, 9/1, II Floor, Classic Court, Richmond Road, Bangalore- 560025

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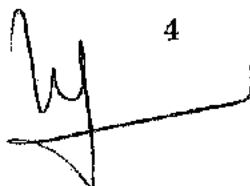
2	Name & Location of the Project	Development of Commercial Building (office/ Software park) project Sy.Nos 54/2,55/1,55/2,55/3,55/4,78/2,78/3,78/4,78/5,78/6,78/7,78/8,78/9,78/10,79/1,79/2,79/3,79/4,79/5,83/4,83/5,83/6,83/7, of Rachenahalli Village, K.R.PuramHobli, Bangalore East Taluk, Bangalore
3	Co-ordinates of the Project Site	13° 3'25.29"N 77°37'9.52"E
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) Rachenahalli lake is adjacent to the project site at northern side of the project site Nala is running on east & west side of the project site
	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. NA
5	Type of Development	Commercial (Office) Building
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other Commercial (Office) Building
	b.	Residential Township/ Area Development Projects NA
6	Plot Area (Sqm)	The plot area of the proposed project is about 67307.93sqm. Kharab area is 809.37sqm. Area left for road widening is 9348.22 sqm. Total net site area is 57150.34 sqm
7	Built Up area (Sqm)	4,83,314.25 sqm
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower 1: 3 Basements + Ground + 20 Floors + Terrace Level Tower -2: 3 Basements + Ground + 17 Floors + Terrace Level. Tower -3: 3 Basements + Ground + 19 Floors + Terrace Level
9	Number of units in case of	NA

	Construction Projects		
10	Number of Plots in case of Residential Township/ Area Development Projects	NA	
11	Project Cost (Rs. In Crores)	400	
12	Recreational Area in case of Residential Projects / Townships	NA	
13	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	18750.25 Sqm (32.81%)
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	11430.06 Sqm (20.0%)
	d.	Internal Roads	8mts Width
	e.	Paved area	23645.1 Sqm (42.19%)
	f.	Others Specify	Surface parking area is about 3324.93Sqm (5.0%).
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	
14	Details of demolition debris and / or Excavated earth		
	a.	Details of Debris (in cubic 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	NA
15	WATER		
	I.	Construction Phase	
	a.	Source of water	BWSSB STP treated water
	b.	Quantity of water for Construction in KLD	100 KLD
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD
	d.	Waste water generation in KLD	8 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	Fresh 1530
			Recycled 810
			Total 2340

b.	Source of water	BWSSB								
c.	Waste water generation in KLD	2200 KLD								
d.	STP capacity	1200 KLD (Tower-1), 400 KLD -(Tower 2) & 600 KLD (Tower 3)								
e.	Technology employed for Treatment	MBBR								
f.	Scheme of disposal of excess treated water if any	Excess treated water will be used to avenue plantation, Construction purposes & to UGD								
16	Infrastructure for Rain water harvesting									
a.	Capacity of sump tank to store Roof run off	150 ,100 and 100 cum								
b.	No's of Ground water recharge pits	30 No's								
17	WASTE MANAGEMENT									
I.	Construction Phase									
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Shall be disposed through BBMP Authorised dealers								
II.	Operational Phase									
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	2160 kg/day converted in to organic manure and used for garden								
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	3240 Kg/day given to PCB authorized recycler								
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	3000-4000 Lts/one B check given to PCB authorized recycler								
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	4000 Kg/year given to PCB authorized recycler								
18	POWER									
a.	Total Power Requirement - Operational Phase	24000 kVA								
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	<table border="1"> <thead> <tr> <th>Blocks</th> <th>DG capacity with Nos.</th> </tr> </thead> <tbody> <tr> <td>Tower -1</td> <td>2250 KVA X 7 Nos</td> </tr> <tr> <td>Tower -2</td> <td>2250 KVA X 4 Nos</td> </tr> <tr> <td>Tower -3</td> <td>2250 KVA X 6 Nos</td> </tr> </tbody> </table>	Blocks	DG capacity with Nos.	Tower -1	2250 KVA X 7 Nos	Tower -2	2250 KVA X 4 Nos	Tower -3	2250 KVA X 6 Nos
Blocks	DG capacity with Nos.									
Tower -1	2250 KVA X 7 Nos									
Tower -2	2250 KVA X 4 Nos									
Tower -3	2250 KVA X 6 Nos									
c.	Details of Fuel used for DG Set	Low Sulphuric diesel								
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	20 % we are achieved								
19	PARKING									

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a.	Parking Requirement as per norms	7593
b.	Internal Road width (RoW)	8 mts

It is a proposal for expansion and modification of mixed use development project for which the EC was issued earlier on 29-06-2013 for a BUA of 2,36,775.31sqm. The revised BUA is 354529.58sqm.

The Proponent and Environment Consultant attended the earlier 248th meeting held on 21-07-2020.

The proponent has stated that he will go for the green certification for the building.

The proponent has made application during the month of March-2020 & started collecting data during the March-2020 and could not continue the collection of data during month of April-2020 for the COVID-19 lock down. Proponent continued collecting data during the month of May-2020. Proponent requested the committee to permit him to adopt the data collected during March-2020 and May-2020 for the preparation of EIA report. Committee agreed for the request made by the proponent.

The Committee appraised the project as B1 category and decided to recommend the proposal to SEIAA for issue of standard and additional TORs.

Accordingly, TORs were issued from SEIAA on 24.08.2020 and the proponent submitted EIA report on 11.01.2021 to SEIAA.

The Proponent and Environment Consultant attended the meeting.

It is a proposal for expansion and modification of mixed use development project for which the EC was issued earlier on 29-06-2013 for a BUA of 2,36,775.31sqm. The revised is BUA 354529.58sqm. Regional office, MoEF&CC, Bangalore vide letter dated 08-01-2021 had given satisfactory compliance report.

As per the village survey map there is a secondary nalapassing through centre of the project site on North- South direction, and for which the proponent has left 25meter buffer on either side from the centre of the nala. There is tertiary nala on the east side of the project site and passing in North - South direction, and this nala has been shifted vide DC order No.LND (east) CR/11/2020-21 dated 08-06-2020. Proponent to provide bufferzone for the nala shifted. The tertiary nala on the west side of the project site passing on North - South direction, 15meter buffer on either side from the centre of the nala has been left.

The project was approved by the Sensitive Committee of BDA. The proponent has stated that he will utilise the treated water from the neighbouring STP during construction.

The proponent agreed to take up rejuvenation works of Hebbal and Nagavara lake under CER.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

257.2. Bulk Drug & Intermediates Unit project at KIADB Kolhar Industrial Area, Bidar Taluk & District by M/s. Syntho Chirals Pvt. Ltd. (SEIAA 18 IND (VIOL)2018) [SIA/KA/IND/60039/2018]- Modification

Sl No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Tarun Kumar Rout Manager - Admin & Liaison At 66/B, Phase-2, IDA-Mallapur, Hyderabad-76, Telangana State
2	Name & Location of the Project	M/s. Syntho Chirals Pvt. Ltd, At Plot No. 53-B & 54P, KIADB Kolhar Industrial Area, Nizampur Hobli, Bidar Taluk & District, Karnataka
3	Co-ordinates of the Project Site	Latitude - 17°54'41.39"N Longitude - 77°27'50.54"E
4	Environmental Sensitivity	
	a. Distance From nearest Lake/ River/ Nala	PaPMash river - 3.7 Km.(NE) Janwada kere - 8.6 Km (N) Karanja Reservoir - 15 Km (W)
	b. Distance from Protected area notified under wildlife protection act	Honnikere Reserved forest - 2.0 Km (N) Chitta Reserved forest - 2.5 Km (SE) Kamthana Reserved forest - 4.1 Km (N) Kaplapur protected forest - 5.8 Km (NW)
	c. Distance from the interstate boundary	Karnataka - Andhra Pradesh - 11.5 Km (SE)
	d. whether located in critically / severally polluted area as per the CPCB norms	No
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	Activity 5 (f) of Category-B
6	New/ Expansion/ Modification/ Product mix change	Modification of existing unit by stopping the production of existing products and proposing new products.
7	Plot Area (Sqm)	12,740 Sqmt
8	Built Up area (Sqm)	5,096 Sqmt
9	Component of developments	"Manufacturing of Bulk drug and Intermediates unit"

10	Project cost (Rs. In crores)	Rs. 4.98 Crores
11	Details of Land Use (Sq.m)	
	a. Ground Coverage Area	5,096 Sqmt
	b. Kharab Land	--
	c. Internal Roads	2,803 Sqmt
	d. Paved area	--
	e. Parking	--
	f. Green belt	4,841 Sqmt
	g. Others Specify	--
	h. Total	12,740 Sqmt
12	Mode of transportation of Raw material and storage facility	The chemicals required for the process are mostly bought from the local (indigenous) markets. Mode of transportation of all raw materials to the project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores
13	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	Mode of transportation of coal to the project site is by road and will be stored in Coal storage yard
14	Fly ash production, storage and disposal details whereas coal is used as fuel	Coal ash from boiler will be stored in designated area and will sent o brick manufacturing industry
15	Complete process flow diagram and technology employed	-
16	Details of Plant and Machinery with capacity/ Technology used	1.5TPH - Boiler Capacity 250 KVA - Dg capacity MEE of 10 KLD capacity
17	Details of VOC emission and control measures wherever applicable	--
18	WATER	
	I. Construction Phase	
	a. Source of water	Open well water
	b. Quantity of water for Construction in KLD	1 KLD
	c. Quantity of water for Domestic Purpose in KLD	1 KLD
	d. Waste water generation in KLD	0.8 KLD
	e. Treatment facility proposed and scheme of disposal of treated water	Treated in soak pit
	II Operational Phase	
	a. Source of water	Open well water
	b. Total Requirement of Water in	Fresh 6.0 KLD

		KLD	Recycled	6.5 KLD
			Total	12.5 KLD
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	3.5 KLD
			Recycled	0.5 KLD
			Total	4 KLD
	d.	Requirement of water for domestic purpose in KLD	Fresh	2 KLD
			Recycled	--
			Total	2 KLD
	e.	Waste water generation in KLD	Industrial effluent	1.25 KLD
			Domestic sewage	1.6 KLD
			Total	1.85 KLD
	f.	ETP/ STP capacity	Biological treatment plant - 10KLD	
	g.	Technology employed for Treatment	MEE of 10 KLD capacity with stripper and ATFD	
	h.	Scheme of disposal of excess treated water if any	Zero discharge	
19		Infrastructure for Rain water harvesting	15 KLD will be provided to recharge roof rain water	
20		Storm water management plan	For the storm water drain, will going to provide closed concrete structures which do not pass chemical to the drain by washing and treatment of chemicals.	
21		Air Pollution		
	a.	Sources of Air pollution	Dg set, Boiler	
	b.	Composition of Emissions	--	
	c.	Air pollution control measures proposed and technology employed	Process emission will be connected to 2 stage scrubber for treatment	
22		Noise Pollution		
	a.	Sources of Noise pollution	Dg set, motors, compressor	
	b.	Expected levels of Noise pollution in dB	75 dB	
	c.	Noise pollution control measures proposed	Dg set will be installed with inbuilt acoustic enclosures	
23		WASTE MANAGEMENT		
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Organic residue	500 kg/month
			Salt generated to MEE	1.1 T/Month
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Description	Quantity
			Spent carbon	20 kg/month
			Detoxified container	200 No's/ Annum
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--	

24	Risk Assessment and disaster management	-
25	POWER	
	a. Total Power Requirement in the Operational Phase with source	Electricity- GESCOM - 500KVA
	b. Numbers of DG set and capacity in KVA for Standby Power Supply	250 kVA X-1
	c. Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boiler - Coal Dg set - HSD
	d. Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as CFL and LED lights are proposed in the project.
26	PARKING	
	a. Parking Requirement as per norms	40 numbers
	b. Internal Road width (RoW)	Approach road width - 12m Internal road width - 4m (min)
27	Any other information specific to the project (Specify)	--

The Proponent and Environment Consultant attended the meeting.

The proponent has requested the committee to permit him to adopt the baseline studies made during Oct 2016 to Dec 2016 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 accepted the same. The committee decided to recommend the proposal to SEIAA for issue of Standard and additional ToRs to conduct the EIA studies.

Accordingly, the TORs were issued from SEIAA on 15.06.2018 and the proponent submitted EIA report on 25.01.2021 to SEIAA.

The Proponent and Environment Consultant attended the 257th SEAC meeting held on 1.03.2021. KIADB allotted land to M/s. Karthik Fine Drugs in the year 1994 and obtained EC on 12.10.1998, plant was taken over by KSFC and sold to M/s. Syntho Chirals Pvt. Ltd closed order was issued on 10.06.2016 and plant resumed operation on the issue of revocation order dated 02.07.2008 issued by SEIAA.

According to MoEF&CC, GoI, Office memorandum dated 12-11-2020 the public hearing has been exempted. The proponent stated that as per this Office memorandum the public hearing to be conducted only for those categories of projects for which the EIA Notification, 2006 itself requires public hearing to be conducted. He has also stated that the

project is located within the Notified Industrial Area, hence does not require public hearing.

Assesment of Ecological Damages, Remediation plan and augmentation plan

The proponent has stated that no damages have been done for Air, Water and soil by operating his unit without valid EC. Consultant has accessed the damage under violation (a) during construction (b) during operational phase. The details about retribution cost for effluent, solid waste solvent evaporation, air emission, environmental damages remediation plan and costing are shown at Annexure -1.

The committee after discussion and deliberation accepted the damages accessed by consultant and considered the total damages of Rs. 13,35,000/- and recommended for issue of EC.

257.3. Manufacturing of Bulk Drugs Project at Plot No.66 E & F, KIADB Industrial Area, Gadwanthi Village, HumnabadHobli& Taluk, Bidar District by M/s. GPR LIFE SCIENCE PVT. LTD(SEIAA 17 IND (VIOL)2018) [SIA/KA/IND2/60156/2018]-

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Bhaskar Reddy Director Plot No. 7, Sri Malani Colony Beside Soujanya Colony, New Bowenpally, Secunderbad-11 (AP)
2	Name & Location of the Project	M/s. GPR Life Sciences Pvt Ltd At Plot No. 66 E&F, KIADB Industrial Area, Gadwanthi Village, Humnabad Hobli & Taluk, Bidar District, Karnataka
3	Co-ordinates of the Project Site	17.758908° N 77.093712° E
4	Environmental Sensitivity	
	a. Distance From nearest Lake/ River/ Nala	Dhumansur lake - 6 Km (NE)
	b. Distance from Protected area notified under wildlife protection act	Pandaragera reserve forest - 8 Km (SW)
	c. Distance from the interstate boundary	-
	d. whether located in critically / severally polluted area as per the CPCB norms	No
5	Type of Development as per schedule of EIA Notification, 2006	Activity 5 (f) of Category-B

	with relevant serial number			
6	New/ Expansion/ Modification/ Product mix change		New	
7	Plot Area (Sqm)		7,543.5 Sqmt	
8	Built Up area (Sqm)		2,200 Sqmt	
9	Component of developments		"Manufacturing of Bulk drug and Intermediates unit"	
10	Project cost (Rs. In crores)		Rs. 7.65 Crores	
11	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	2,200 Sqmt	
	b.	Kharab Land	--	
	c.	Internal Roads/ open area	2843.5 Sqmt	
	d.	Paved area	--	
	e.	Parking	--	
	f.	Green belt	2,500 Sqmt	
	g.	Others Specify	--	
	h.	Total	7,543.5 Sqmt	
12	Products and By- Products with quantity (enclose as Annexure if necessary)		Product Name	Capacity in TPM
			Metformin HCL	600
			Paracetamol	300
			Fexofenadine HCL	5
			Cetirizine	8
	Chemical name - Dilute acetic acid		133	
13	Raw material with quantity and their source (enclose as Annexure if necessary) Detailed in feasibility report			
	Raw materials Metformin HCl Raw material required:			
	Sl.No.	Name of the raw material	Quantity / Month in kg	
	1	Di-Methylamine Hydrochloride	292936	
	2	Dicynodiamide	307436	
	Solvents			
	Sl.No.	Name of the raw material	Quantity / Month in kg	
	1	Di methyl Formamide	12960	
	2	Methanol	4000	
	Paracetamol Raw material required :			
	Sl.No.	Name of the raw material	Quantity / Month	




		in kg
1.	Para-Amino Phenol	228000
2.	Acetic Anhydride	205200
3.	Activated Carbon	1500

Solvents

Sr.No.	Name of the raw material	Quantity /Month in kg
1.	Methanol	12000

Fexofenadine HCl

Raw material required :

Sl. No.	Name of the raw material	Quantity /Month in kg
1	Diphenyl(piperidin-4-yl)methanol	1895
2	Ethyl 2-[4-(4-chlorobutanoyl)phenyl]-2-methylpropanoate	2102
3	Sodium Carbonate	350
4	Sodium Borohydride	700
5	Hydrochloric acid gas	1022
6	Activated carbon	70

Solvents

Sl.No.	Name of the raw material	Quantity /Month in kg
1	Methyl Isobuthyl Ketone	3125
2	Methanol	3125
3	Acetone	2000
4	Iso Propyl Alcohol	2000

Citirizine

Raw material required :

Sr.No.	Name of the raw material	Quantity /Month in kg
1	1-Chloro-4-[chloro(phenyl)methyl]benzene	2400
2	Piperzine	1440
3	Sodium Carbonate	720
4	Potassium Hydroxide	400
5	Methyl-2-(2-chloroethoxy)-acetate	1360
6	TEBAC (catalyst)	16

Solvents

Sl.No.	Name of the raw material	Quantity /Month in kg
1	Methanol	2000

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		2	Acetone	1000
		3	Toluene	2500
		4	N Hexane	1000
14	Mode of transportation of Raw material and storage facility			The chemicals required for the process are mostly bought from the local (indigenous) markets. Mode of transportation of all raw materials to the project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant			Mode of transportation of coal to the project site is by road and will be stored in Coal storage yard
16	Fly ash production, storage and disposal details whereas coal is used as fuel			Coal ash from boiler will be stored in designated area and will sent o brick manufacturing industry
17	Complete process flow diagram and technology employed			Will be detailed in EIA
18	Details of Plant and Machinery with capacity/ Technology used			2.5 TPH - Boiler Capacity 250 KVA Dg capacity MEE of 20 KLD capacity with stripper and ATFD
19	Details of VOC emission and control measures wherever applicable			--
20	WATER			
	I.	Construction Phase		
	a.	Source of water	Bore well	
	b.	Quantity of water for Construction in KLD	2 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	1 KLD	
	d.	Waste water generation in KLD	0.8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Will be treated in soak pit	
	II	Operational Phase		
	a.	Source of water	Bore well water	
	b.	Total Requirement of Water in KLD	Fresh	36.6 KLD
			Recycled	15 KLD
			Total	41.6 KLD
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	24.6 KLD
			Recycled	5 KLD
			Total	29.6 KLD
	d.	Requirement of water for	Fresh	2 KLD

	domestic purpose in KLD	Recycled	-
		Total	2 KLD
e.	Waste water generation in KLD	Industrial effluent	4.4 KLD
		Domestic sewage	1.6 KLD
		Total	6 KLD
f.	ETP/ STP capacity	MEE of 20 KLD capacity with stripper & ATFD	
g.	Technology employed for Treatment	MEE of 20 KLD capacity with stripper & ATFD Biological treatment plant - 20 KLD	
h.	Scheme of disposal of excess treated water if any	Zero discharge	
21	Infrastructure for Rain water harvesting	20 KLD will be provided to recharge roof rain water	
22	Storm water management plan	For the storm water drain, will going to provide closed concrete structures which do not pass chemical to the drain by washing and treatment of chemicals.	
23	Air Pollution		
	a. Sources of Air pollution	Dg set, Boiler	
	b. Composition of Emissions	--	
	c. Air pollution control measures proposed and technology employed	Process emission will be connected to 2 stage scrubber for treatment	
24	Noise Pollution		
	a. Sources of Noise pollution	Dg set, motors, compressor	
	b. Expected levels of Noise pollution in dB	75 dB	
	c. Noise pollution control measures proposed	Dg set will be installed with inbuilt acoustic enclosures	
25	WASTE MANAGEMENT		
	I. Operational Phase		
	a. Quantity of Solid waste generated per day and their disposal	Organic solid waste	20 kg/ day
		Inorganic Solid Waste	10.33 kg/ day
	b. Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Description	Quantity
		Waste oil	0.05 l/day
		Detoxified Containers	100 No's /Month
		Spent carbon	52 kg/ day
		Distillation residue	10 kg/ day
	c. Quantity of E waste generation with source and mode of Disposal as per norms	--	
26	Risk Assessment and disaster management	Will be provided during EIA submission	
27	POWER		

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	a.	Total Power Requirement in the Operational Phase with source	Electricity- GESCOM - 250 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1x250 KVA
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boiler - Coal Dg set - HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as CFL and LED lights are proposed in the project.
28	PARKING		
	a.	Parking Requirement as per norms	40 numbers
	b.	Internal Road width (RoW)	Approach road width - 9 m Internal road width - 6m
29	Any other information specific to the project (Specify)		--

The Proponent and Environment Consultant attended the meeting.

The proposed project is covered under activity 5(f) Synthetic organic chemical industry of category 'B' and needs EC before commencement of activity and hence the violation.

The committee appraised the proposal as per the Notification dated: 8-3-2018 issued by MoEF & CC considering the information provided in the statutory application-Form I, pre-feasibility report, proposed ToRs and clarification/additional information provided during the meeting. The committee decided to recommend the proposal to SEIAA for issue of Standard and additional ToRs.

Accordingly the TORs were issued from SEIAA on 15.06.2018 and the proponent submitted EIA report on 01.02.2021 to SEIAA.

The Proponent and Environment Consultant attended the 257th SEAC meeting held on 1.03.2021.

During appraisal the proponent has stated that, in view of the MoEF&CC, GoI, Office memorandum dated 12-11-2020 the public hearing have not been done. He has also stated that this project is located within the Notified Industrial Area, hence does not require public hearing.

The proponent has stated that no damages have been done for Air, Water and soil by operating his unit without valid EC. The consultant assessed the ecological damages, remediation plan and augmentation plan and the total damages assessed is Rs.9,38534.40. Further, cost of remediations plan and natural resource augmentation. The budget allocation is Rs.9,40,000.00 the details are shown at annexure-2.

The committee decided to recommend the proposal to SEIAA for delisting the same from Violation category and issue of EC.

257.4. Gadgoli Ordinary Sand Quarry Project Gadgoli Village, Ron Taluk, Gadag District - Proponent-Sri Shankarappa Kalligonnavar, (SEIAA 574 MIN 2019)[SIA/KA/MIN/55796/2020]

Sl.	PARTICULARS	INFORMATION																					
1	Name & Address of the Project Proponent	Sri.Shankarappa Kalligonnavar, S/oShivappa Kalligonnavar, Mallapur Village, Ron Taluk, Gadag District, Karnataka 582209.																					
2	Name & Location of the Project	"Gadgoli Ordinary Sand Quarry" Open Quarrying Excavation Sand Block at Sy. No. 14/1,14/6,14/7 & 15/1 of Gadgoli Village, Ron taluk, Gadag district, Karnataka.																					
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">GPS READING OF CORNER PILLARS</th> </tr> <tr> <th>CORNER PILLAR</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N15°50'13.90"</td> <td>E75°38'12.82"</td> </tr> <tr> <td>B</td> <td>N15°50'13.88"</td> <td>E75°38'14.70"</td> </tr> <tr> <td>C</td> <td>N15°48'59.11"</td> <td>E75°38'12.95"</td> </tr> <tr> <td>D</td> <td>N15°48'59.22"</td> <td>E75°38'11.90"</td> </tr> <tr> <td>E</td> <td>N15°48'59.80"</td> <td>E75°38'10.50"</td> </tr> </tbody> </table> <p>MAP DATUM - WGS 84</p>	GPS READING OF CORNER PILLARS			CORNER PILLAR	LATITUDE	LONGITUDE	A	N15°50'13.90"	E75°38'12.82"	B	N15°50'13.88"	E75°38'14.70"	C	N15°48'59.11"	E75°38'12.95"	D	N15°48'59.22"	E75°38'11.90"	E	N15°48'59.80"	E75°38'10.50"
GPS READING OF CORNER PILLARS																							
CORNER PILLAR	LATITUDE	LONGITUDE																					
A	N15°50'13.90"	E75°38'12.82"																					
B	N15°50'13.88"	E75°38'14.70"																					
C	N15°48'59.11"	E75°38'12.95"																					
D	N15°48'59.22"	E75°38'11.90"																					
E	N15°48'59.80"	E75°38'10.50"																					
4	Type of Mineral	Ordinary Sand																					
5	New/ Expansion/ Modification / Renewal	New																					
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land																					
7	Whether the project site falls within ESZ/ESA	No																					
8	Area in Ha	3.035 Ha																					
9	Actual Depth of sand in the lease area in case of River sand	NA																					

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10	Depth of Sand proposed to be removed	5.00m
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline	It's a Ordinary Sand Quarry.
12	Measurements of the existing quarry pits in case of ongoing/ expansion/ modification of mining proposal other than river sand	Fresh Land
13	Annual Production Proposed (Metric Tons/CUM)/ Annum	39,000 Tons/ annum
14	Quantity of Topsoil/ Overburden in cubic	0.5m Topsoil
15	Mineral Waste Handled (Metric Tons/CUM)/ Annum	--
16	Project Cost (Rs. In Crores)	0.72 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Budihal Reserved Forest -2.50 kms(N)
	b. Nearest Human Habitation	Gadgoli Village-0.70 Km N
	c. Educational Institutes, Hospital	Ron-18.30 Km(SE)
	d. Water Bodies	Malaprabha River- 0.82 km(S)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	2.267
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	--
	d. Road Area	--
	e. Green Belt Area/ Buffer Zone	0.768
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation
21	Rate of Replenishment in case	Quarry plan is Enclosed

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22	Water Requirement			
	a.	Source of water	Drinking water: Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.83KLD
			Domestic	0.87KLD
			Other	0.5KLD
			Total	3.2KLD
23	Stormwater management plan		River course will not be altered hence no Stormwater management plan is required	

The proponent and Environmental Consultant attended the earlier SEAC meeting (232nd) held on 17-10-2019 to provide required clarification and additional information.

The combined sketch indicates existence of four leases including this lease within 500 meter radius from the subject lease and the total area of the leases is 33 Acres 5 guntas. Committee decided to categorise this project under B1 category and recommended to issue of standard ToRs to conduct the EIA studies. The committee considered the collection of data commencing from 1st October 2019.

TORs were issued from SEIAA on 21.12.2019 and the proponent submitted EIA report on 20.08.2020 to SEIAA.

The Proponent and Environment Consultant attended the meeting. It is a fresh lease involving Ordinary Sand quarry in Patta land. NOCs from Forest department, land conversion order were obtained.

Lease area is at a distance of 820 meters from the Malaprabha River. As per quarry plan, proved quantity of 1,13,371.5 Cum (1,94,998.98 tons) can be mined to a pit depth of 5.0 meters including top soil depth of 2 meters for 5 years at the rate of 39000 tonnes per year.

Proponent has stated that, there is an existing cart track road to a length of 200 meters connecting lease area to the all weather black topped road. Rs.2.70 lakhs will be earmarked by proponent to take up distribution of nursery plants at Gadagoli village, construct Rain water harvesting pits in Government Higher primary school at Gadagoli village, Solar Power Panels in GHPS school at Gadgoli Village, Avenue plantation on either side of the approach road near Quarry site & strengthening of road with drainages & Health camp to nearby community places.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of EC.

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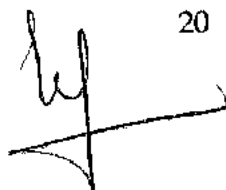
Fresh Projects

257.5. Natural Sand Quarry Project at Machenahalli Village, Molakalmuru Taluk, Chitradurga District. Proponent - Sri Channakeshava O. (SEIAA 384 MIN 2020) [SIA/KA/MIN/186562/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Channakeshava. O., S/o. Gowdra Obaiah, Kelagalahatty, Byrapura, Chitradurga, Chitradurga District, Karnataka-577535		
2	Name & Location of the Project	"Machenahalli Natural Sand Quarry" in patta land over an extent of 12-00 Acres (4.856 Ha) at Sy. No. 40(P) of Machenahalli Village, Molakalmuru Taluk, Chitradurga District.		
3	Co-ordinates of the Project Site	Corner Pillar	Latitude	Longitude
		LBS-A	N 14° 49' 41.3"	E 76° 49' 48.5"
		LBS-B	N 14° 49' 42.8"	E 76° 49' 54.1"
		LBS-C	N 14° 49' 36.0"	E 76° 49' 55.6"
		LBS-D	N 14° 49' 33.9"	E 76° 49' 46.2"
WGS-84 DATUM				
4	Type of Mineral	Natural Sand Quarry in Patta land		
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	4.856Ha		
9	Actual Depth of sand in the lease area	9.0m		
10	Depth of Sand proposed to be removed	5.00 m		

11	Annual Production Proposed (Metric Tons/ CUM) / Annum	72,000 Tons/ annum	
12	Quantity of Topsoil/Overburden in cubic meter	It is a natural Sand Quarry	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No Waste	
14	Project Cost (Rs. In Crores)	1.20 crores	
15	Environmental Sensitivity		
	a. Nearest Forest	None Within 5 kms	
	b. Nearest Human Habitation	Machenahalli - 0.20 Kms(SW)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Molakalmuru.	
	d. Water Bodies	Chinna Hagari River - 0.46 kms (N)	
	e. Other Specify	Karnataka - Andhra Pradesh State Border - 1.50 kms (E)	
16	Applicability of General Condition of the EIA Notification, 2006	NA	
17	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	10-14	
	b. Waste Dumping Area	--	
	c. Top Soil Storage Area	--	
	d. Mineral Storage Area	--	
	e. Infrastructure Area	--	
	f. Road Area	--	
	g. Buffer Zone for Storage of Top soil	1-26	
	h. Unexplored area	--	
	i. Others Specify (Screening)	--	
18	Method of Mining/ Quarrying	Semi - Mechanized Method	
19	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: Borewell from the village	
	b. Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
		Domestic	1.125 KLD
		Other	4.6 KLD
		Total	9.3 KLD
20	Storm water management	• Drains will be constructed along the	

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plan	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
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The committee received a complaint from Sri Kumar T stating that in the site the deposition of the sand is only 3meters, whereas the quarry plan approved is for 5meters and the public consultation to be done for this project.

The proponent has obtained NOCs from Forest and Revenue Dept. The lease was approved by District Task Force. Chinna Hagari River is at a distance of 460meters from the project site and as per the approved quarry plan there is a level difference of 2.0 meters within the mining area and the proposed proved quantity of 125581Cum or 216000tons can be mined to a quarry pit depth of 5 meters for 5 years.

There is an existing cart track road to a length of 200meters connecting lease area to the all weather black topped road. Proponent has agreed to earmark Rs.3.65lakh to take up distribution of nursery plantsat Machenahalli village, to construct Rain water harvesting pitsin Government Higher primary school at Machenahalli village,Solar Power Panels in GHPS school at Machenahalli Village,Avenue plantation on either side of the approach road near Quarry site & Repair of road With drainages&Health camp in nearby community places.

As per Cluster sketch prepared by the DMG there are no other leases within the radius of 500 mts from this lease area and categorised as B2.

The committee decided to recommend the proposal to SELAA for issue of Environment Clearance for an average annual production of 42694tonnes, considering the proved quantity of 216000tonnes, for a period of 5 Years after replenishment.

257.6. Building Stone Quarry Project at Sy.No.241(P) of Urugahalli Village, Ramanagara Taluk & District -proponent Sri Jayaramaiah(SEIAA 385 MIN 2020) [SIA/KA/MIN/186413/2020]

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. JayaramaiahS/o Mallaiah, Thumbenahalli Village, Krishnapuradoddi Post, Kailancha Hobli, Ramanagara Taluk & District, Karnataka - 562159

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2	Name & Location of the Project	"Building Stone Quarry" of Sri. Jayaramaiah at In part of Sy No. 241, Urugahalli Village, Ramanagara Taluk, Ramanagara District, Karnataka.		
3	Co-ordinates of the Project Site	P No	Latitude	Longitude
		A	N12° 44.072"	E77° 21.831"
		B	N12° 44.018"	E77° 21.847"
		C	N12° 44.007"	E77° 21.792"
		D	N12° 44.059"	E77° 21.779"
		P	N12° 44.042"	E77° 21.840"
INDO - BANGLA				
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	Ramdevarabetta Vulture Sanctuary boundary - 6.00 Km		
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	It's a Building Stone Quarry		
12	Measurements of the existing quarry pits in case of	741msl working pit level		

61

22

	ongoing/ expansion/ modification of mining proposals other than river sand			
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		88,442 TPA	
14	Quantity of Topsoil/Over burden in cubic meter		1.0m topsoil available.	
15	Mineral Waste Handled (Metric Tons/ CUM)		1,805 Tons/ Annum	
16	Project Cost (Rs. In Crores)		1.34 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Handigundi State Forest -0.80 Kms (W)	
	b.	Nearest Human Habitation	Urugahalli village - 1.15 kms (NE)	
	c.	Educational Institutes, Hospital	Ramanagara- 7.80 Kms (SW)	
	d.	Water Bodies	Urugahalli Pond - 1.70 kms (NE) Ketohalli Pond - 3.40 kms(SW)	
	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	1-35	
	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	0-22	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.6 KLD
			Domestic	0.63 KLD
			Other	1.17 KLD
			Total	11.4 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	

24	Any other information specific to the project (Specify)	NA
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The proponent has obtained NOC from Forest and Revenue Dept. The lease was notified on 05.11.2020. As per the approved quarry plan there is a level difference of 44.0 meters within the mining area and the proposed proved quantity of 3,09,077.89Cum (8,22,147 tons) can be mined to a quarry pit depth of 26 meters during the for lease period.

There is an existing cart track road to a length of 0.22KM connecting lease area to the all weather black topped road. Proponent has agreed to earmark Rs.2.45lakh to take up distribution of nursery plants at Urugahalli village, construction of Rain water harvesting pits in Government higher primary school at Urugahalli village, Solar Power Panels in Government higherprimary school at Urugahalli village, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages and Health camp in nearby community places.

As per the cluster sketch prepared by the DMG there are 6 other leases with in the radius of 500mts from this lease area. All these leases were exempted from cluster effect since leases were granted prior to 9.9.2013. The area of the subject lease is 2-20Acres.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 90247 tonnes (Including waste). Considering the proved mineable reserve of 822147 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years.

257.7. Building Stone Quarry Project, Majjigudda Village, Annigeri Taluk, Dharwad District M/s. Shree Mahabaleshwar M-Sand (SEIAA 386 MIN 2020) [SIA/KA/MIN/186005/2020]

The subject was appraised in the 257thSEAC meeting held on 1st March 2021. The Committee noted that this is an existing lease involving Building Stone in Patta land.

This is an expansion project and the project proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore.

Committee decided to request SEIAA to correspond with KSPCB for issue of certified compliance to the earlier EC conditions.

257.8. Building Stone Quarry Project at Sy.No.56(P) of Sambunahalli Village, Pandavapura Taluk, Mandya District (Q.L.No.954) an area of 2-00 Acres by M/s. Bairaweshwara Stone Crushers (SEIAA 387 MIN 2020) [SIA/KA/MIN/186028/2020]

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24

Committee observed that, this is an expansion project and the project proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore. Therefore, the proponent has requested the committee to correspond a letter to KSPCB in this regard.

Committee decided to request SEIAA to correspond with KSPCB for issue of certified compliance to the earlier EC conditions.

257.9. Proposed Shahabad Stone Quarry Project at Sy.No.199/9 of Miriyana Village, Chincholi Taluk, Kalburgi District an area of 2-28 Acres by Sri K. Ashok (SEIAA 388 MIN 2020) [SIA/KA/MIN/186253/2020]

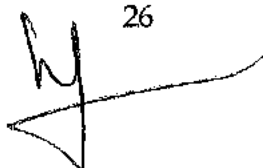
The committee after discussion decided to provide one more opportunity to proponent. Appraisal of the project based on merit will be discussed in the next meeting. The subject is deferred.

257.10. Building Stone Quarry Project Suda Village, Karkala Taluk, Udupi District-Proponent Sri Dinesh Amin (SEIAA 389 MIN 2020) [SIA/KA/MIN/185996/2020]

Sl. No	PARTICULARS	INFORMATION															
1	Name & Address of the Project Proponent	Sri. Dinesh Amin S/o Sri. Thaniya Karkera, Ananda Kunja House, Sooda, Karakala Taluk, Udupi District, Karnataka - 574116															
2	Name & Location of the Project	"Building Stone Quarry" of Sri. Dinesh Amin Sy No: 31/1P1, Suda Village, Karkala Taluk, Udupi District, Karnataka.															
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>P. No.</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 13° 12' 33.7"</td> <td>E 74° 52' 56.3"</td> </tr> <tr> <td>B</td> <td>N 13° 12' 31.3"</td> <td>E 74° 52' 57.1"</td> </tr> <tr> <td>C</td> <td>N 13° 12' 31.1"</td> <td>E 74° 52' 56.3"</td> </tr> <tr> <td>D</td> <td>N 13° 12' 33.6"</td> <td>E 74° 52' 55.5"</td> </tr> </tbody> </table>	P. No.	Latitude	Longitude	A	N 13° 12' 33.7"	E 74° 52' 56.3"	B	N 13° 12' 31.3"	E 74° 52' 57.1"	C	N 13° 12' 31.1"	E 74° 52' 56.3"	D	N 13° 12' 33.6"	E 74° 52' 55.5"
P. No.	Latitude	Longitude															
A	N 13° 12' 33.7"	E 74° 52' 56.3"															
B	N 13° 12' 31.3"	E 74° 52' 57.1"															
C	N 13° 12' 31.1"	E 74° 52' 56.3"															
D	N 13° 12' 33.6"	E 74° 52' 55.5"															
4	Type of Project	Building Stone															

5	New / Expansion / Modification / Renewal	Renewal (QL No. 312)
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	0.202 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 guideline 2016	It's Building Stone.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	8,000 TPA.
14	Quantity of Topsoil/Over burden in cubic meter	0.5m of topsoil is available will be utilized for plantation
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	421 tons per annum
16	Project Cost (Rs. In Crores)	0.95 Crore
17	Environmental Sensitivity	
	a. Nearest Forest	Pilarkan Reserved Forest - 2.80 Kms (SW)
	b. Nearest Human Habitation	Suda Village - 1.07 kms (SW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Karkala - 12.30 kms (NE)
	d. Water Bodies	Suda hole - 0.16 Kms(E)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	0.101
	b. Waste Dumping Area	0.005
	c. Top Soil yard	

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	d.	Mineral Storage Area	--	
	e.	Infrastructure Area		
	f.	Road Area	--	
	g.	Buffer Area	0.096	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.03 KLD
			Domestic	0.54 KLD
			Other	1.23 KLD
			Total	11.8 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

It is a renewal of the existing lease involving Building Stone in Government land. The lease was granted prior to 09.09.2013 and area being less than the threshold limit of 5 Ha, project is categorised as B2.

The proponent obtained NOC from Forest Department. The lease deed has been executed on 21-04-2011 for 5 years. According to audit report, mining was carried up to 2013-14 & further no mining activity since then. There is a level difference of 12.0 meters within the mining area and the proposed proved quantity of 17,520 Cum (43,274 tonnes) can be mined to a quarry pit depth of 23 meters during the lease period.

There is an existing cart track road to a length of 0.98KM connecting lease area to the all weather black topped road. Proponent agreed to earmark Rs.1.05lakh to take up distribution of nursery plants at Suda village, to construct Rain water harvesting pits in Government Lower primary school at Suda village, Solar Power Panels in Government High school at Sudavillage, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages and Health camp in nearby community places.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 8421.4 tonnes (Including waste). Considering the proved mineable reserve of 45552 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years.

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257.11. Building Stone Quarry Project Siddapura Village, Srirangapatna Taluk, Mandya District - Proponent Sri K.M.Vidyasagar(SEIAA 390 MIN 2020) [SIA/KA/MIN/184284/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. K.M. Vidyasagar S/o. Lt. Maleesh Kodishettyapura Village K. Shettyhalli Hobli Srirangapatna Taluk, Mandya District		
2	Name & Location of the Project	Building Stone Quarry in 1-00 Acre of Patta Land bearing Sy. No. 167 Siddapura Village, Srirangapatna Taluk & Mandya District, Karnataka.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 12°28'31.8"	E 76°46'28.2"
		B	N 12°28'29.9"	E 76°46'27.9"
		C	N 12°28'30.1"	E 76°46'27.0"
		D	N 12°28'30.5"	E 76°46'26.9"
		E	N 12°28'30.3"	E 76°46'26.7"
		F	N 12°28'30.7"	E 76°46'25.6"
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	New Quarry		
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 Acres	1-00 acre		
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 guideline 2016	NA		
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	Saleable 15,200(Avg.) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	154 Tons/Annum(Avg.)
16	Project Cost (Rs. In Crores)	0.20
17	Environmental Sensitivity	
	a. Nearest Forest	
	b. Nearest Human Habitation	Siddapura- 2.25Km
	c. Educational Institutes, Hospital	Srirangapatna-11.00km
	d. Water Bodies	
	e. Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Ha.	
	a. Area for Mining/ Quarrying	0.209
	b. Overburden Dump	-
	c. Top Soil Storage Area	-
	d. Mineral Storage Area	-
	e. Infrastructure Area	-
	f. Road Area	0.005
	g. Green Belt Area	0.190
	h. Unexplored area	-
	i. Others Specify	-
20	Method of Mining/ Quarrying	Opencast Semi-mechanized
21	Rate of Replenishment in case River sand project	NA
22	Water Requirement	

	a.	Source of water	Nearby Borewell Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.00 KLD
			Domestic	0.690 KLD
			Plantation	0.500 KLD
			Total	2.190 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proponent has obtained NOCs from Forest, Revenue Dept. The lease was notified on 14.07.2020 for 20 years. As per the approved quarry plan there is a level

difference of 16meters within the mining area and the proposed proved quantity of 358207tonnes (Including Waste) can be mined to a quarry pit depth of 18meters for lease period.

There is an existing cart track road to a length of 265mtr connecting lease area to the all weather black topped road. Proponent will earmark Rs. 1.50 Lakhs to take up 300 No. of additional plantation along Nakre-Karkal village road at a distance of 256m on NE side of the quarry.

As per the Cluster sketch/certificate there are 18 leases including this lease in 500 meter radius from this lease area. Out of which, 13 leases were exempted from cluster effect since leases were granted prior to 09.09.2013 and the total area of the remaining 5 leases including subject lease is 7-36 Acres, project is categorised as B2 category.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 15,200 tonnes (Including waste). Considering the proved mineable reserve of 154054 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 10 years.

257.12. River Sand Mining Project- Mogaru Village, Mangaluru Taluk, Dakshina Kannada District -M/sMangaluru City Corporation, Mangaluru(SEIAA 391 MIN 2020) [SIA/KA/MIN/185762/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	The Commissioner Mangaluru City Corporation, MG Road, Lalbagh, Mangaluru - 575 003		
2	Name & Location of the Project	Sand Block Mining The Commissioner Mangaluru City Corporation, Extent of 1.80 Acres Adjacent Sy.No- 48 & 50 Mogaru Village, Mangaluru Taluk, Dakshina Kannada District, Karnataka.		
3	Co-ordinates of the Project Site	Boundary Points	Latitude	Longitude
		1	12° 56'50.2"N	74°57'42.2"E
		2	12° 56'52.4"N	74°57'44.7"E
		3	12° 56'54.1"N	74°57'47.7"E
		4	12° 56'53.0"N	74°57'48.0"E
5	12° 56'49.4"N	74°57'42.7"E		
4	Type of Mineral	Sand Block Mining		

as


[Signature]

5	New / Expansion / Modification / Renewal	New	
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	River Bed	
7	Whether the project site fall within ESZ/ESA	No	
8	Area in Ha	0.728	
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
		1 st	11,016
		2 nd	11,016
		3 rd	11,016
		4 th	11,016
		5 th	11,016
	Total	55,080	
12	Quantity of Topsoil/Over burden in cubic meter	--	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	6120Tonnes for a period of 5 years.	
14	Project Cost (Rs)	5 lakhs.	
15	Environmental Sensitivity		
	a.	Nearest Forest	--
	b.	Nearest Human Habitation	Mogaru - 1.4 m (NE)

	c.	Educational Institutes, Hospital	Mangaluru city - 15.1 Km (SW)	
	d.	Water Bodies	Gurupura River	
	e.	Other Specify	-	
16	Applicability of General Condition of the EIA Notification, 2006		-	
17	Details of Land Use in Acre			
		Sl. No.	Particulars	Area in Guntas
		1	Quarry workings	1.80
		2	Waste Dump	0.00
		3	Roads	0.00
		4	Mineral Storage	0.00
		5	Mineral grading plant	0.00
		6	Infrastructure	0.00
		7	Undisturbed area	0.00
		Total		1.80
18	Method of Mining/ Quarrying		Method of Mining is Manual and Scooping method	
19	Water Requirement			
	a.	Source of 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.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	1.0
			Domestic	0.5
			Total	1.5
20	Storm water management plan		-	

The proponent has obtained NOCs from Forest, Revenue Dept. The lease was notified on 19 February 2020 for 5 years and also approved by District Task Force. As per the approved quarry plan there is a level difference of 1meters within the mining area and the proposed proved quantity of 12,240 tons can be mined to a quarry pit depth of 1meters for 5 years after replenishment every year.

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There is an existing cart track road to a length of 480 mtr connecting lease area to the all weather black topped road. The proponent has agreed to take up Drinking water supply to nearby Village.

As per the Cluster sketch there are two leases including this lease with in 500 meter radius from the total area of these two leases is 3.30 Acres, the project is categorised as B2.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 12,240 tonnes for 5 years after replenishment every year.

2:15 PM to 5:30PM

Fresh Projects

257.13. Building Stone Quarry Project, Nalkur Village, Udupi Taluk, Udupi District - Proponent Sri Praveen Hegde(SEIAA 392 MIN 2020)[SIA/KA/MIN/186530/2020] - Expansion

It is an expansion project and the project proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore. Proponent requested the committee to correspond a letter to KSPCB in this regard.

Committee decided to request SEIAA to correspond with KSPCB for issue of certified compliance to the earlier EC conditions.

257.14. Ornamental Granite (Grey Granite) and Building Stone Quarry Project, Marganakunte Village, Bagepalli Taluk, Chikkaballapura District - Proponent Sri R. Srinivas(SEIAA 393 MIN 2020) [SIA/KA/MIN/186170/2020]

The proponent remained absent. The committee decided to provide one more opportunity to proponent with intimation for appraisal of the project based on merit and deferred the appraisal of the project proposal.

257.15. Building Stone Quarry Project at Sy.No.1 of Rangapura Kaval Village, Arasikere Taluk, Hassan District (Q.L.No.HMG - 555) an area of 1-00 Acre by Smt. Jayalakshamma(SEIAA 394 MIN 2020) [SIA/KA/MIN/186754/2020]- Expansion

It is an expansion project and the project proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore. Proponent requested the committee to write a letter to KSPCB in this regard.

Committee decided to request SEIAA to correspond with KSPCB for issue of certified compliance to the earlier EC conditions.

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257.16. Building Stone Quarry Project, Nalkur Village, Udipi Taluk & District -M/s. Unity Rock Industries (SEIAA 395 MIN 2020) [SIA/KA/MIN/186578/2020]-Expansion

Committee observed it is an expansion project and the project proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore. Proponent requested the committee to write a letter to KSPCB in this regard.

Committee decided to request SEIAA to correspond with KSPCB for issue of certified compliance to the earlier EC conditions.

257.17. Building Stone Quarry Project, Rangapura Kaval Village, Arasikere Taluk, Hassan District -Proponent Sri Anantharaju(SEIAA 396 MIN 2020) [SIA/KA/MIN/186702/2020] - Expansion

It is an existing lease involving Building Stone mining in Govt land and proposal is for expansion of capacity.

Proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore and proponent requested the committee to write a letter to KSPCB to issue compliance certificate.

Committee decided to request SEIAA to correspond with KSPCB for issue of certified compliance to the earlier EC conditions.

257.18. Building Stone Quarry Project, Rangapura Kaval Village, Arasikere Taluk, Hassan District - Proponent Sri A.M. Kumaraswamy(SEIAA 397 MIN 2020)[SIA/KA/MIN/186662/2020]- Expansion

It is an existing lease involving Building Stone mining in Govt land and proposal is for expansion. Proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore and proponent requested the committee to correspond a letter to KSPCB in this regard.

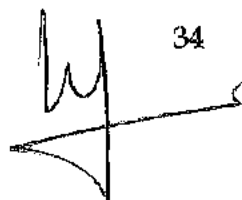
Committee decided to request SEIAA to correspond with KSPCB for issue of certified compliance to the earlier EC conditions.

257.19. Ornamental Stone (Multi Color Granite) Quarry Project, Channamallanahalli Village, Madhugiri Taluk & Tumkur District an area of 8-11 Acres -Proponent Sri B.S. Prasad (SEIAA 398 MIN 2020) [SIA/KA/MIN/185881/2020]

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. B. S. Prasada S/o Late B. P. Shanthappa, Bettahalsoor [V.P.], Bangalore North-562157.

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34



2	Name & Location of the Project	Multi Colour Granite Quarry in 8-11 Acres of Patta Land bearing Sy. No. 40 in Channamallanahalli Village, Madhugiri Taluk, Tumkuru District, Karnataka		
3	Co-ordinates of the Project Site	C.P	Latitude	Longitude
		A	N13° 46' 53.15"	E77° 14' 21.93"
		B	N13° 46' 53.03"	E77° 14' 25.28"
		C	N13° 46' 52.05"	E77° 14' 26.78"
		D	N13° 46' 50.57"	E77° 14' 27.02"
		E	N13° 46' 50.70"	E77° 14' 28.83"
		F	N13° 46' 50.18"	E77° 14' 29.62"
		G	N13° 46' 48.07"	E77° 14' 29.88"
		H	N13° 46' 48.20"	E77° 14' 29.59"
		I	N13° 46' 47.15"	E77° 14' 27.62"
		J	N13° 46' 47.02"	E77° 14' 25.90"
K	N13° 46' 49.87"	E77° 14' 20.59"		
4	Type of Mineral	Multi Colour Granite Quarry		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	8-11 Acres		
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 guideline 2016	NA		
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	10,710Cum/ Annum		

14	Quantity of Topsoil/Over burden in cubic meter	None	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	19,890Cum/ Annum	
16	Project Cost (Rs. In Crore)	0.60	
17	Environmental Sensitivity		
	a. Nearest Forest	Ramadevara Betta State Forest 2.0Km	
	b. Nearest Human Habitation	Channamallanahalli-0.600 Km	
	c. Educational Institutes, Hospital	Chamarajanagara which is Taluk and District head quarter- 5.65Km	
	d. Water Bodies	Hosakote Kere-1.510-E-NE Chilannahalli Kere-1.945- S Gulahalli Kere-5.089Km-E-NE Totamadagalu Kere-4.280Km-N-NW Bedatturu Kere-7.101Km-N-NW Karenahalli Kere-4.871Km-W_SW Maruve Kere-9.384Km-S Dadiganahalli 8.498Km-E Itakadibbanahalli Kere-6.910Km-E-NE Muddenerala Kere-5.230Km-SE Ranganahalli-9.190Km-E Thimmlapura Wildlife Sanctuary 19.33 Km	
	e. Other Specify	Thimmlapura Wildlife Sanctuary 19.33 Km	
18	Applicability of General Condition of the EIA Notification, 2006	None	
19	Details of Land Use in Acres		
	a. Quarry Working	3-35	
	b. Roads	0-10	
	c. Proposed buffer zone/Plantation	1-15	
	d. Unexplored area	2-31	
20	Method of Mining/ Quarrying	Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Nearby Bore well Water	
	b. Total Requirement of Water in KLD	Dust Suppression	4.00 KLD
		Domestic	0.78KLD
		Other	5.00 KLD
		Total	9.78KLD
23	Storm water management plan	Will be carried out.	
24	Any other information specific to	None	

the project (Specify)	
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The proponent has obtained NOCs from Forest, Revenue Dept. and obtained land conversion order. The lease was notified on 07.09.2020 for 30years. As per the approved quarry plan there is a level difference of 10 meters within the mining area and the proposed proved quantity of 4,69,200 Cum can be mined for lease period of 30 years.


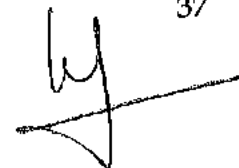
As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 250 mtr connecting lease area to the allweather black topped road. CER is concerned the proponent has agreed to earmark Rs. 2.50 Lakhs to takeup 500 No. of additional plantation from quarry location to Channamallanahalli village road & also near Hoskote village.

As per the Cluster sketch prepared by the DMG there are no other leases within the radius of 500 mts from this lease area. The area of the lease under consideration is 8-11Acre project is catagorise as B2.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production quantity of 30600 Cum (out of which recovery is 35% 10710Cum of blocks and remaining 65% waste i.e. 19890 Cum), considering the proposed proved quantity of 469200Cum (out of which recovery is 35 % 164220 Cum and remaining 65% is waste304980 Cum) the committee estimated the life of the mine as 16years.

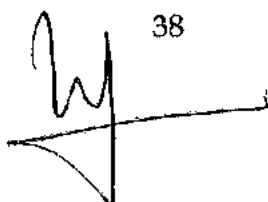
257.20. Ornamental Yellow Granite Quarry Project, HasuvinaKavalu Village, Periyapatna Taluk, Mysore District -Proponent Sri Arumugam D(SEIAA 399 MIN 2020) [SIA/KA/MIN/186552/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Arumugam D No. 14/197, Palace Road Near Panchayath Office, Kuppam Chittoor District, AP		
2	Name & Location of the Project	Yellow Granite Quarry in 2-20 Acres of Patta Land bearing Sy. No. 448 in Hasuvina Kavalu Village, Periyapatna Taluk & Mysore District, Karnataka		
3	Co-ordinates of the Project Site	C.P	Latitude	Longitude
		A	N 12°28'00.1"	E 76°05'14.0"
		B	N 12°28'02.1"	E 76°05'16.5"
		C	N 12°27'59.6"	E 76°05'18.6"
4	Type of Mineral	Yellow Granite Quarry		
	5	New / Expansion / Modification / Renewal	Deemed Renewal(QL No. 650)	

6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Acres	2-20 Acres
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 guideline 2016	NA
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	3,435Cum/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	15,647Cum/ Annum
16	Project Cost (Rs. In Crore)	0.035
17	Environmental Sensitivity	
	a. Nearest Forest	Channakal Reserve Forest-8.896Km-W-NW Gobli State Forest- 9.181Km_N-NW Hitna Hebbagilu State Forest- 6.18Km-S Nagarahole National Park- 25.89Km Muddanahalli Forest- 1.79Km Anechaukuru Forest- 15.21Km Kaveri Block Forest-17.03Km Gulledalla Forest-4.63Km Chankalkaval Forest-8.88Km Rashimantikaval Forest-6.76Km Bettadapura c and D lane Forest- 1.92Km
	b. Nearest Human Habitation	Bettadapura-1.50 Km
	c. Educational Institutes, Hospital	Periyapatna which is Taluk head quarter- 15.00Km
	d. Water Bodies	Tavare Kere-1.020Km- E-NE Virakta Math Kere-2.440Km-NE Gulladahalla Reserve Forest- 4.860Km- W-SW

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		Gorahalli kere-3.822Km-N-NE Mallapura Kere-7.499Km-N-NE Ganganakuppe Kere-7.827Km-NW Sannegownadakoppalu Kere-9.879Km-NE Harangi Right Bank Canal-6.548Km-NE	
	e. Other Specify	None	
18	Applicability of General Condition of the EIA Notification, 2006	None	
19	Details of Land Use in Acres		
	a. Quarry Working	1-12	
	b. Proposed Buffer Zone	0-20	
	c. Mineral reject dumps	0-01	
	d. Mineral Storage	0-01	
	e. Undisturbed Area	0-25	
	f. Roads	0-01	
20	Method of Mining/ Quarrying	Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Nearby Bore well Water	
	b. Total Requirement of Water in KLD	Dust Suppression	1.50 KLD
		Domestic	0.48 KLD
		Other	1.00 KLD
		Total	2.980KLD
23	Storm water management plan	Will be carried out.	
24	Any other information specific to the project (Specify)	None	

The proponent has obtained NOCs from Forest, Revenue Dept. The lease was executed on 23-04-2003 for 10 Years w.e.f 07-05-2004. As certified by DMG no quarry work is carried out after 2010-11.

The proposed proved quantity of 3,16,200cum can be mined in the quarry during lease period.

Approach road- There is an existing cart track road to a length of 1.50 Km connecting lease area to the allweather black topped road.

CER- proponent has agreed to earmark Rs.2.00 Lakhs to carry out two activities

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(a) To construct 2 Nos. of Cattle Water Trough in Bettadapura village with an approximate cost of Rs.50,000.

(b) Development of lawn and plantation of shade trees (approx 50 Nos.), at the temple permission in the nearby Bettadapura Village, with an approx cost of Rs. 1,50,000.00.

The lease was granted prior to 9.9.2013 and project is catagorise as B2.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 19380tonnes (Including waste). Considering the proved mineable reserve of 516000 cum (Including waste) as per the approved quarry plan, the estimated the life of the mine is 27years.

257.21. Shahabad Stone Quarry Project at Sy.No.175 of Adki Village, Sedam Taluk, Gulbarga District -Proponent Sri Abdul Raheman(SEIAA 400 MIN 2020) [SIA/KA/MIN/186877/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Abdul Raheman S/o Abdul Sattar Sab, # 0-12/B, Kontanpalli, Kontanpalli Madkal, Gulbarga District, Karnataka		
2	Name & Location of the Project	Shahabad Stone(Cherty Lime Stone) Quarry in an extent of 3-00 Acres of Patta Land bearing Sy. No. 175 of Adki Village, Sedam Taluk, Kalaburgi District.		
3	Co-ordinates of the Project Site	Point	Latitude	Longitude
		A	N 17°07'25.6"	E 77°21'21.0"
		B	N 17°07'24.8"	E 77°21'24.1"
		C	N 17°07'20.6"	E 77°21'23.2"
4	Type of Mineral	Shahabad stone (Cherty Lime Stone)		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.214 Ha		
9	Actual Depth of sand in the lease	NA		

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	area in case of River sand	
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 guideline 2016	NA
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	27,391 (Avg.) Sqm/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	18,260 Sqm/ Annum
16	Project Cost (Rs. In Crores)	0.30
17	Environmental Sensitivity	
	a. Nearest Forest	None within the 5 km radius
	b. Nearest Human Habitation	Adki-2.70 Km
	c. Educational Institutes, Hospital	Sedam - 10.0 Km
	d. Water Bodies	Podda Kere- 4.089Km NE Kanasapalli Kere- 4.718Km-E-NE Akkamma Kere-8.088Km-E-NE Siddappa kere-9.866Km-NE Muthangud Kere-9.729Km-NE Kagna River-5.240Km-W Lingampalli Kere-4.819Km-SE
	e. Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Acres-Guntas	
	a. Quarry Working	0-18
	b. Waste Dumps	0-03
	c. Roads	0-01
	d. Buffer Zone	0-36
	e. Infrastructure	0-01
	f. Area undisturbed	1-21
20	Method of Mining/ Quarrying	Opencast Semi-mechanized
21	Rate of Replenishment in case	NA

	River sand project			
22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.00KLD
			Domestic	0.27 KLD
			Other	2.50 KLD
			Total	5.770 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proponent has obtained NOCs from Forest, Revenue Dept. and obtained land conversion order. The lease was notified on 22.01.2020 for 20years. As per the approved quarry plan there is an elevation of about 448m AMSL within the mining area and the proposed proved quantity of 84809 cum can be mined to a quarry pit depth of 5meters during the lease period.

Approach road - proponent has stated that, there is an existing cart track road to a length of 150m connecting lease area to the all weather black topped road.

CER - proponent agreed to earmark Rs. 0.50lakhs to takeup 100 No. of additional plantation from quarry location to Mudhol village road at a distance of 250m on NE side of the quarry.

There are 3 leases including the subject lease within radius of 500 meters from this lease area. The total area of all these leases is 7-00Acre and categorised project is B2 as per EIA Notification 2006 and proceeded with the appraisal accordingly.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production quantity of 2075 cum (out of which recovery is 60% i.e. 1255Cum and remaining 40% is waste i.e.830cum), considering the proposed proved quantity of 84809cum (out of which recovery is 60 % i.e. 50886Cum and remaining 40% is waste i.e. 33924Cum) the committee estimated the life of the mine as lease periodof 20 years.

257.22. Building Stone Quarry Project, Mamdapur Village, Gokak Taluk, Belagavi District, M/s. Shri Sai Minerals (SEIAA 401 MIN 2020) [SIA/KA/MIN/184421/2020]

It is an expansion project and the project proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore. Committee decided to request SEIAA to correspond with KSPCB for issue of certified compliance to the earlier EC conditions.

42



257.23. Building Stone Quarry Project, Noolvi Village, Hubballi Taluk, Dharwad District - Proponent Sri S.S. Veeranagoudar (SEIAA 402 MIN 2020) [SIA/KA/MIN/187037/2020]

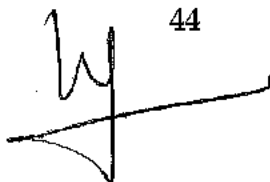
The committee after discussion decided to provide one more opportunity to proponent with intimation for appraisal of the project and deferred the appraisal of the project.

257.24. Building Stone Quarry Project, Chinchalakatti Village, Badami Taluk, Bagalkot District - Proponent Sri Sangappa B. Mudhol (SEIAA 403 MIN 2020) [SIA/KA/MIN/186813/2020]

SI No	PARTICULARS	INFORMATION																											
1	Name & Address of the Project Proponent	Building Stone / M Sand Quarry Sri. Sangappa Basappa Mudhol Station Hiresanshi Village Badami Tq, Bagalkot Dist.																											
2	Name & Location of the project	Sy No 60, Chinchalakatti Village, Badami Taluk, Bagalkot																											
3	Coordinates of the project site	<table border="1"> <thead> <tr> <th colspan="3">WGS 84</th> </tr> <tr> <th>Points</th> <th>Longitude</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>E-75° 27' 05.90"</td> <td>N-16° 01' 05.88"</td> </tr> <tr> <td>B</td> <td>E-75° 27' 08.34"</td> <td>N-16° 01' 05.64"</td> </tr> <tr> <td>C</td> <td>E-75° 27' 08.18"</td> <td>N-16° 01' 04.18"</td> </tr> <tr> <td>D</td> <td>E-75° 27' 10.75"</td> <td>N-16° 01' 04.03"</td> </tr> <tr> <td>E</td> <td>E-75° 27' 10.83"</td> <td>N-16° 01' 00.53"</td> </tr> <tr> <td>F</td> <td>E-75° 27' 07.65"</td> <td>N-16° 01' 00.39"</td> </tr> <tr> <td>G</td> <td>E-75° 27' 05.74"</td> <td>N-16° 01' 00.25"</td> </tr> </tbody> </table>	WGS 84			Points	Longitude	Latitude	A	E-75° 27' 05.90"	N-16° 01' 05.88"	B	E-75° 27' 08.34"	N-16° 01' 05.64"	C	E-75° 27' 08.18"	N-16° 01' 04.18"	D	E-75° 27' 10.75"	N-16° 01' 04.03"	E	E-75° 27' 10.83"	N-16° 01' 00.53"	F	E-75° 27' 07.65"	N-16° 01' 00.39"	G	E-75° 27' 05.74"	N-16° 01' 00.25"
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G	E-75° 27' 05.74"	N-16° 01' 00.25"																											
4	Type of mineral	Building Stone																											
5	New / Expansion / Modification / Renewal	New																											
6	Type of land (Forest, Governemnt Revenue, Gomal, Private / patta, Other)	Pattaland																											
7	Whether the project site fall within ESZ / ESA	No																											
8	Area in Ha	2.02 Ha																											
9	Actual depth of sand in the lease area in case 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	NA
12	Measurements of the existing quarry pits in case of ongoing / expansion/ modification of the mining proposals other than river sand	NA
13	Annual production proposed (Metric tons / CUM) / Annum	140000 TPA
14	Quantity of top soil / over burden in cubic meter	Nil
15	Mineral waste handled (metric tons / CUM) / Annum	15555 TPA
16	Project cost (Rs. in crore)	1.00
17	Environment sensitivity	
	a. Nearest forest	Reserve forest - 1.24 km
	b. Nearest human habitation	Kerur - 10.02 km (E)
	c. Educational institutions, hospital	Kerur - 10.02 km (E)
	d. Water bodies	R. Malaprabha - 12.77 Kms (S)
	e. Others specify	NA
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of land use in acres	
	a. Area for mining / quarrying	1.60 Ha
	b. Waste dumping area	-
	c. Top soil storage area	-
	d. Mineral storage area	-
	e. Infrastructures area	-
	f. Road area	-
	g. Green belt area / buffer zone	0.40 Ha
	h. Unexplored area	-
	i. Others specify	-
20	Method of mining / quarrying	Semi mechanized open cast method
21	Rate of Replenishment in case River sand project	NA
22	Water requirement	
	a. Source of water	Borewell
	b. Total requirement of water in KLD	5 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area

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24	Any other information specific to the project (specify)	NA
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The proponent has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease was notified on 30.09.2020 for 20 years. As per the approved quarry plan proved quantity of 1161389tonnes can be mined to a quarry pit depth of 20 meters during the period.

Approach road - proponent there is an existing cart track road to a length of 960mtr connecting lease area to the all weather black topped road. CER - proponent agreed to earmark 5.00 lakhs to take up rejuvenation of Chinchalakattikere and avenue plantation.

As per the Cluster sketch there are no other leases within the radius of 500 meter from this lease areaand categorised project is B2.

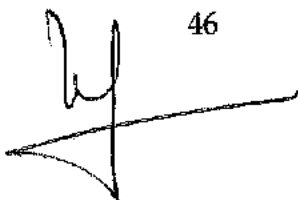
The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 155633 tonnes (Including waste). Considering the proved mineable reserve of 1161389tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 8 years.

257.25. Pink Granite Quarry Project , Hulageri Village, Kushtagi Taluk, Koppala District -proponent Shri Mohan D Hosmani(SEIAA 404 MIN 2020) [SIA/KA/MIN/186905/2020]

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Shri Mohan D Hosmani S/o. Late Devappa, #4610 G, Joshi Galli, Ward no. 1, Ilkal Taluk, Bagalkot District, Karnataka - 587125
2	Name & Location of the Project	"Pink Granite Quarry" of Shri Mohan D Hosmani Sy.No. 374/1/5, Hulageri Village, Kushtagi Taluk, Koppal District, Karnataka
3	Type of Mineral	Pink Granite Quarry
4	New / Expansion / Modification / Renewal	New

5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
6	Whether the project site fall within ESZ/ESA	No
7	Area in Ha	1.335 Ha
8	Actual Depth of sand in the lease area in case of River sand	NA
9	Depth of Sand proposed to be removed	NA
10	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Pink Granite Quarry
11	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a fresh land
12	Annual Production Proposed (Metric Tons/ CUM) / Annum	5,800 tonnes/ annum
13	Quantity of Topsoil/Over burden in cubic meter	0.5m of topsoil will be proposed to handle in the license area.
14	Mineral Waste Handled (Metric Tons/ CUM)	12,413 tonnes/ Annum
15	Project Cost (Rs. In Crores)	1.48 crores
16	Environmental Sensitivity	
	a. Nearest Forest	Sebankatti Reserved Forest - 3.17 Kms
	b. Nearest Human Habitation	Hulageri Village - 0.50 kms (NW)
	c. Educational Institutes, Hospital	Kushtagi - 25.90 Kms(SE)
	d. Water Bodies	Ilkal Hala - 1.50 Kms
	e. Other Specify	--
17	Applicability of General Condition of the EIA Notification, 2006	--
18	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-17

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	b.	Waste Dumping Area	1-00	
	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	0-33	
	h.	Unexplored area	--	
	i.	Others Specify	--	
19		Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
20		Rate of Replenishment in case River sand project	NA	
21		Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.185 KLD
			Domestic	0.495 KLD
			Other	0.82 KLD
			Total	5.50 KLD
22		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

Proponent has obtained NOC from Forest Department. During appraisal the committee observed that there is a difference in Latitude and Longitude between the Forest NOC and Lease Sketch. When this was pointed out the proponent has stated that he will come back with clarification in this regard.

Committee decided to defer the appraisal of the project.

257.26. Building Stone Quarry Project, Chimmada Village, RabakaviBanahatti Taluk, Bagalkot District -ProponentSri.Husensab M Nadaf(SEIAA 405 MIN 2020) [SIA/KA/MIN/186820/2020]

The proponent was invited for the 257th meeting held on 01-03-2021 to provide required clarification. The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation for appraisal of the project based on merit and deferred the appraisal of the project proposal.

257.27. Building Stone Quarry Project, Shivapura Village, Karkala Taluk, Udupi District - ProponentSri Prasanna Shetty (SEIAA 406 MIN 2020) [SIA/KA/MIN/186887/2020]- Expansion.

Handwritten signature and initials, possibly 'Sb' and a large 'M' with a diagonal line through it.

It is an expansion project and the project proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore. Proponent requested the committee to write a letter to KSPCB in this regard. Committee also observed about case pending before the Hon'ble NGT vide OA No 204/2017(SZ) about the project.

In view of case pending before NGT committee decided to recommend the proposal for closure.

257.28. Building Stone Quarry Project, Shivapura Village, Karkala Taluk, Udupi District - Proponent Sri Prasanna Shetty (SEIAA 407 MIN 2020) [SIA/KA/MIN/186862/2020]- Expansion.

It is an expansion project and the project proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore. Therefore, the Proponent requested the committee to correspond a letter to KSPCB in this regard. Committee also observed about the is case pending before the Hon'ble NGT vide OA No 204/2017(SZ) about this project.

In view of case pending before NGT committee decided to recommend the proposal for closure.

257.29. Grey Granite Quarry Project, Mudgal Village, Lingasugur Taluk, Raichur District - Proponent Sri Daval Sab (SEIAA 408 MIN 2020)[SIA/KA/MIN/173779/2020]

The proponent has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease has also been approved by District Task Force. As per the approved quarry plan there is a level difference of 07 meters within the mining area and the proposed proved quantity of 271100 Cum (recovery 30 % i.e. 81330 Cum, khandas- 20% i.e. 54220 Cum, Building Stone -30% i.e 81330cum and 20% is waste- 54220 Cum), which is reflected in approved quarry plan, can be mined to a quarry pit depth of 25 meters during lease period.

There is an existing cart track road to a length of 1.3KM connecting lease area to the all weather black topped road. CER proponent agreed to earmark is 3.5lakhs for De-silting of Mudgal water pond every year before monsoon.

As per the Cluster sketch prepared by the DMG there are 19 leases including this lease within the radius of 500 mts from this lease area. Out of which 16 leases were exempted from cluster effect as the ECs were issued prior to 15.01.2016. The total area of the remaining three leases including this lease is 11-25 Acre. Accordingly, committee categorize the project as B2.

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The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 21600 Cum (Granite- 30 % i.e. 7605Cum, khandas- 20% i.e. 5070 Cum, Building stone-30% i.e 7605cum and remaining - 20% waste i.e. 5070 Cum). Considering the proposed proved quantity of 271100 Cum (out of which recovery is 30 % i.e. 81330 Cum, the committee estimated the life of the mine as 13years.

257.30. Pink Granite Quarry Project, Balakundi Village, Hungaund Taluk, Bagalkot District - Proponent Sri A. Raja (SEIAA 409 MIN 2020) [SIA/KA/MIN/173668/2020]

The proponent has obtained NOCs from Forest, Revenue Dept. and obtained land conversion order. As per the approved quarry plan there is a level difference of 1 meters within the mining area and the proposed proved quantity of 508800Cum(including waste) can be mined to a quarry pit depth of 20 meters during lease period.

There is an existing cart track road of 100 mtr connecting lease area to the all weather black topped road. CER -proponent agreed to earmark Rs 5.0 lakhs to take up rejuvenation of Ishwar nagar water pond De-silting of water pond every year before monsoon.

As per the Cluster sketch there are 2 leases excluding the subject lease within the radius of 500 mts from this lease area. The 2 leases were granted prior to 09.09.2013. The area of the lease under consideration is 5-23Acre. Accordingly project is categorised as B2.

The committee decided to recommend to the proposal to SEIAA for issue of Environment Clearance for an annual production of quantity of 31670Cum Granite - 30 % i.e. 9500 Cum, khandas - 20% i.e. 6334Cum, Building stone- 25% i.e 7917cum and waste- 25% 7917 Cum. Considering the proposed proved quantity of 508800 Cum. the committee estimated the life of the mine as 17years.

Members present in the meeting - 2nd March 2021:

1.	Shri. Venugopal V	Chairman
2.	Dr. Shekar H.S	Member
3.	Dr. J.B Raj	Member
4.	Shri. Nanda Kishore	Member
5.	Dr. S.K. Gali	Member
6.	Shri. Vyshak V Anand	Member
7.	Shri. Dinesh MC	Member
8.	Shri. Devegowda Raju	Member
9.	Shri. Sharanabasava Chandrashekhara Pilli	Member
10.	Shri J G Kaveriappa	Member
11.	Shri. Mahendra Kumar M C	Member
12.	Shri. B V ByraReddy	Member
13.	Dr. Sarvamangala R. Patil	Member
14.	Shri. B. Ramasubba Reddy	Member
15.	Smt. Shobha Hegde	Member Secretary

Subjects to be appraised on 2nd March 2021 at 10:00AM to 1:30PM

ToR Projects

257.31. Iron Ore Mine Project at Niruthadi Reserve Forest of Holalkere Range, Bedarabommanahalli Village, Hirekandavadi Village & Other Villages, Chitradurga Taluk, Holalkere Taluk, Chitradurga District M/s. JSW STEEL LIMITED (SEIAA 410 MIN 2020) [SIA/KA/MIN/55956/2020]

M/s JSW Steel Ltd. has applied for Terms of Reference from SEIAA for Iron Ore Mine at Sy.No. 5 of BedaraBommanahalli, Sy.No. 107 of Hirekandavadi, Sy.No. 21 of Megalahalli, Sy.No. 9 of Marijogihalli and Sy.No. 18 of Dindadahalli, Chitradurga and Holalkere Taluk, Chitradurga District over an area of 93.60 Ha. of Forest Land.

It is an old lease expired on 30.03.2020 and was reallocated to M/s JSW Steel Ltd. through e-auction process. According to vesting order of GOK, all the valid rights, approval, clearances, licenses and like vested with the previous lessee are deemed to have vested in favour of M/s JSW Steel Ltd, on same terms and conditions for a period of two years. The lease was granted to M/s JSW Steel Ltd on 30.07.2020 for 50 years. As per the approved mining plan, the quantity of total mineral reserves is 62.673 Million Tonnes and the annual production is 1.0 MMTPA.

Earlier EC was obtained by erstwhile lessee for 1.0 MMTPA production capacity and as per the TOR same capacity has been applied. As far as approach road is concerned, the proponent has stated that, there is an existing kuccha road of 1.2 km connecting lease area to the railway siding. The same was utilized by earlier lessee and the project proponent will be continuing to use the same.

Committee after discussion decided to have visit to site to know connectivity to the project site mode of transport of Iron Ore to their plant at Torangal in Bellary District which is around 160 Kms, strengthening of approach road etc.,

Sl.No	Name	Designation
1.	Shri. B.V Byrareddy	Chairman
2.	Shri. J. B. Raj	Member
3.	Dr. Shekar H.S	Member
4.	Shri. Nanda Kishore	Member

5.	Sri Mahendra Kumar M C	Member
6.	Sri Dinesh M C	Member
7.	Sri B. Ramasubbareddy	Member
8.	Sri Ravi Kumar J.K. Scientific Officer to Accompany and co-ordinate the visit.	

Chairman, requested the committee to submit report immediately after the visit to facilitate issue of TOR.

257.32. Iron Ore Mine Project at Dharmapura Reserve Forest of Ramgad Village, Sandur Taluk, Bellary District by M/s. JSW STEEL LIMITED (SEIAA 411 MIN 2020) [SIA/KA/MIN/55913/2020]

M/s JSW Steel Limited has applied for Terms of Reference (TOR) from SEIAA for mining of Iron Ore in 43.58 Ha of Forest Land at Sy No. 57A/8, Ramgad Village, Sandur Taluk, Ballari District having.

The mine was allocated to M/s JSW Steel Limited through e-auction. Earlier the EC was granted to M/s Zeenath Transport Company (erstwhile lessee) of 0.6 MTPA production capacity. However, based on dump capacity the CEC restricted the production capacity to 0.18 MTPA.

According to vesting order from GoK all the valid rights, approval clearances, licenses and like vested with the previous lessee are deemed to have vested in favour of M/s JSW Steel Limited on same terms and conditions for a period of two years.

The lease was executed on 30.07.2020 for 50 years. As per the approved mining plan the total reserves are 10898057 tonnes, with the annual production capacity of 0.18 Million Metric Tonnes per annum (MMTPA).

There is an existing kachha road (5.52 km) connecting lease area to the all weather black topped road will be used. The same was utilized by the erstwhile lessee and the project proponent will continue to use the same.

Committee decided to have site visit comprising of following members to know about dumping, transportation of Iron Ore from mine head to foot hills and thereafter to their plant at Torongal in sandur Taluk, Bellary Dist.

Sl.No	Name	Designation
1.	Shri. B.V Byrareddy	Chairman
2.	Shri. J. B. Raj	Member

3.	Dr.Shekar H.S	Member
4.	Shri. Nanda Kishore	Member
5.	Sri Mahendra Kumar M C	Member
6.	Sri Dinesh M C	Member
7.	Sri B. Ramasubbareddy	Member
8.	Sri Ravi Kumar J.K. Jonior Scientific Office to Accompertry Co-ordinate the visit.	

Chairman, requested the committee to submit report immediately after the visit to facilitate issue of TOR.

Fresh Projects

257.33. Building Stone Quarry Project, Kolhar Village, Kolhar Taluk, Vijayapura District - Proponent Sri KasimsabGibusabGirgavi(SEIAA 412 MIN 2020) [SIA/KA/MIN/186343/2020]

The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation for appraisal of the project based on merit and deferred the appraisal of the project proposal.

257.34. Ornamental Stone (Grey Granite) Quarry Project, Holakallu Village, Sira Taluk, Tumkur District - Proponent Sri Hanumantharaju (SEIAA 413 MIN 2020) [SIA/KA/MIN/186167/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Hanumantharaju S/o. Late. Sri. Puttirappa Gowdagere Hobli, Sira Taluk, Tumkuru		
2	Name & Location of the Project	Grey Granite Quarry in 2-20 Acres of Patta Land bearing Sy. No. 40 in Channamallanahalli Village, Madhugiri Taluk, Tumkuru District, Karnataka		
3	Co-ordinates of the Project Site	C.P	Latitude	Longitude
		A	N13° 48' 36.68"	E76° 48' 47.96"
		B	N13° 48' 37.74"	E76° 48' 57.60"

a



		C	N13° 48' 36.55"	E76° 48' 57.62"
		D	N13° 48' 35.59"	E76° 48' 48.15"
4	Type of Mineral	Grey Granite Quarry		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	3-20 Acres		
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 guideline 2016	NA		
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	3,200Cum/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	16,000Cum Total waste for five years using building stone		
16	Project Cost (Rs. In Crore)	0.50		
17	Environmental Sensitivity			
	a.	Nearest Forest	Chikkasandra Kavalu S F-8.204Km-S	
	b.	Nearest Human Habitation	Mosarukunte 0.92 Km	
	c.	Educational Institutes, Hospital	Sira which is Taluk head quarter- 16.70Km	
	d.	Water Bodies	Mosarakunte Kere-1.584Km-W-NW Melekote Kere-2.671Km-W-NW Gaudagere Kere-3.681Km-N-NE Balengahalli Kere-3.689Km-NE Honnenahalli Kere-4.680Km-NE Hosahalli Kere -6.056Km-N Kaluvaruhalli Kere-6.666Km- N-NW Hosur Kere - 7.676Km-N-NW	

		SuvarnaMukhi River- 8.190Km- W Gayatri Left bank canal-9.296Km-W Handenahalli Kere- 4.44Km-S	
	e. Other Specify	None	
18	Applicability of General Condition of the EIA Notification, 2006	None	
19	Details of Land Use in Acres		
	a. Quarry Working	1-14	
	b. Roads	0-02	
	c. Proposed buffer zone/Plantation	1-00	
	d. Dumping	0-02	
	e. Mineral Storage	0-02	
20	Method of Mining/ Quarrying	Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Nearby Bore well Water	
	b. Total Requirement of Water in KLD	Dust Suppression	3.00 KLD
		Domestic	0.33KLD
		Other	2.00 KLD
		Total	5.30KLD
23	Storm water management plan	Will be carried out.	
24	Any other information specific to the project (Specify)	None	

The proponent has obtained NOCs from Forest, Revenue Dept. and obtained land conversion order. As per the quarry plan there is a level difference of 3 meters within the mining area and the proposed proved quantity of 45,784 cum can be mined to a quarry pit depth of 15 meters during lease period.

There is an existing cart track road to 750 mtr connecting lease area to the all weather black topped road. Proponent agreed to earmark Rs. 1.50 lakhs under CER to carry out Roof Top Rain Water Harvesting system with ground water recharging facility, for Maddakanahalli Village Govt. School.

As per the Cluster sketch there are 10 leases including this lease within the radius of 500 meters from this lease area. Out of which for 8 leases either ECs were issued prior to 15.01.2016 or leases were granted prior to 09.09.2013. The total area of the remaining two leases including this lease is 5-20Acre. The project is categorised as B2.

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The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production quantity of 6400 cum (Granite- 50 % i.e. 3200Cum Building stone 50% i.e. 3200Cum) Considering the proved quantity of 45,784 cum. The committee estimated the life of the mine as 8 years.

257.35. Building Stone Quarry Project, Koralli Village, Aland Taluk, Kalaburagi District - Proponent - Sri Sunil(SEIAA 414 MIN 2020)[SIA/KA/MIN/186368/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Sunil S/o. Sri. Basavaraj Patil, R/o Bhusanoor, Aland Taluk, Kalaburagi District, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 2-00 Acres of Patta bearing Sy. No.61/5, Koralli Village, Aland Taluk & Kalaburagi District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		1	N 17°30'8.7"	E 76°34'46.0"
		2	N 17°30'7.2"	E 76°34'51.9"
		3	N 17°30'4.9"	E 76°34'51.1"
4	4	N 17°30'8.4"	E 76°34'45.6"	
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	2-00 acres		
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 guideline 2016	NA		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than	NA		

	river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	34,979 (Avg.) Tons/ Annum	
14	Quantity of Topsoil/Over burden in cubic meter	--	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	36,820 Tons/ Annum	
16	Project Cost (Rs. In Crores)	0.25	
17	Environmental Sensitivity		
	a. Nearest Forest	None within 10km	
	b. Nearest Human Habitation	Koralli -0.25 Km	
	c. Educational Institutes, Hospital	Aland which is Taluk head quarter-7.00 Km	
	d. Water Bodies	Amarja River-1.536Km-W Sangogi Tanda-2.361Km-W Honhalli Kere- 8.730KM- N-NE Dogi Halla-3.00 Km-E Duttorgon Kere-6.761Km-SE Hallisagar Kere-8.2Km-NE	
	e. Other Specify	None	
18	Applicability of General Condition of the EIA Notification, 2006	None	
19	Details of Land Use in Acres-Cents		
	a. Area of Quarrying	1-00	
	b. Stack yard	0-02	
	c. Proposed Shelter	0-01	
	d. Proposed Dump yard	0-02	
	e. Proposed Roads	0-02	
	f. Proposed Buffer Zone	0-33	
	g. Buffer Zone/Safety Zone	-	
20	Method of Mining/ Quarrying	Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Nearby Bore well Water	
	b. Total Requirement of Water in KLD	Dust Suppression	2.00 KLD
		Domestic	1.80KLD
		Other	0.240 KLD
		Total	4.04 KLD
23	Storm water management plan	Will be carried out.	
24	Any other information specific to the project (Specify)	None	

The proponent has obtained NOCs from Forest, Revenue Dept. and land conversion order. The lease was notified on 23.06.2020 for 20years. As per the approved quarry plan proved quantity of 1,84,100 tons can be mined to a quarry pit depth of 30 meters during lease period.

There is an existing cart track road of 400 mtr connecting lease area to the all-weather black topped road. Proponent has agreed to earmark Rs. 2.00 Lakhs under CER to take up development of lawn and plantation of shade trees (approx.. 50 Nos.), at the temple in the nearby Koralli Village.

As per the Cluster sketch prepared by the DMG there are no other leases within the radius of 500 mts from this lease area. The area of subject lease is 2-00 Acres. Project is categorised B2.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 36820tonnes (Including waste). As per the approved quarry plan, the committee estimated the life of the mine as 5 years based on proved mineral reserve of 184100 tonnes (Including waste).

257.36. Building Stone Quarry Project, Tirthkunde Village, Khanapur Taluk, Belagavi District (2-38 Acres) - Proponent Sri AnantKashinath Savant (SEIAA 415 MIN 2020) [SIA/KA/MIN/185652/2020]

The proponent remained absent for the meeting.

The committee after discussion decided to provide one more opportunity to proponent with intimation for appraisal of the project based on merit and deferred the appraisal of the project proposal.

257.37. Building Stone Quarry Project, Tirthakunde Village, Khanapur Taluk, Belagavi District -Proponent Sri AnantKashinath Savant (SEIAA 416 MIN 2020)[SIA/KA/MIN/185704/2020]

The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation for appraisal of the project based on merit and deferred the appraisal of the project proposal.

257.38. Building Stone Quarry Project, Algood Village, Kalaburagi Taluk, Kalaburagi District -Proponent Sri Baliram(SEIAA 417 MIN 2020) [SIA/KA/MIN/186497/2020]

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Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Baliram S/o. Sri. Ramaji Chawan Keroor Village, Bhopal Tegnoor Post Kalaburagi Taluk & District		
2	Name & Location of the Project	Building Stone Quarry in 2-00 Acres of Patta bearing Sy. No.81/*/2, Algood Village, Kalabiragi Taluk & Kalaburagi District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		1	N 17°25'27.2"	E 76°56'06.2"
		2	N 17°25'25.0"	E 76°56'06.0"
		3	N 17°25'26.8"	E 76°56'10.2"
		4	N 17°25'24.6"	E 76°56'10.0"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	2-00 acres		
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 guideline 2016	NA		
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	48,713 (Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	-		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	4,971 Tons/Annum		
16	Project Cost (Rs. In Crores)	0.25		

17	Environmental Sensitivity			
	a.	Nearest Forest	None within 10km	
	b.	Nearest Human Habitation	Algood-3.0 Km	
	c.	Educational Institutes, Hospital	Kalaburagi which is Taluk head quarter-12.00 Km	
	d.	Water Bodies	Amarja River-1.536Km-W Sangogi Tanda-2.361Km-W Honhalli Kere- 8.730KM- N-NE Dogi Halla-3.00 Km-E Duttorgon Kere-6.761Km-SE Hallisagar Kere-8.2Km-NE	
	e.	Other Specify	None	
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Acres-Cents			
	a.	Area of Quarrying	1-08	
	b.	Stack yard	0-02	
	c.	Proposed Shelter	0-01	
	d.	Proposed Dump yard	0-02	
	e.	Proposed Roads	0-02	
	f.	Proposed Buffer Zone	0-25	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.00 KLD
			Domestic	0.240KLD
			Other	1.00 KLD
			Total	2.24 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proponent has obtained NOCs from Forest, Revenue Dept. and obtained land conversion order. The lease was notified on 27.8.2020 for 20years. As per the approved quarry plan the proposed proved quantity of 2,48,535 tons can be mined to a quarry pit depth of 28 meters for lease period.

There is an existing cart track road of 410 mtr connecting lease area to the all-weather black topped road. Proponent has agreed to earmark Rs. 2.00 Lakhs under CER to construct check dam, to the first order stream passing at a distance of 275m (approx.) on the East side of proposed quarry, with locally available boulders.

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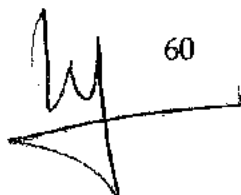
As per the Cluster sketch there are no other leases within the radius of 500 mts from this lease area. The area of subject lease is 2-00Acre and project is categorised as B2.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 49707tonnes (Including waste). Considering the proved mineable reserve of 248535tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years.

257.39. Building Stone Quarry Project, Jonnalakunte Village, Chikkaballapura Taluk & District Proponent - Sri Mohan M. (SEIAA 418 MIN 2020) [SIA/KA/MIN/187311/2020]

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	Corner Pillar	Latitude	Longitude
		A	N 13° 36' 46.0"	E 77° 45' 34.2"
		B	N 13° 36' 45.9"	E 77° 45' 36.2"
		C	N 13° 36' 39.7"	E 77° 45' 35.9"
		D	N 13° 36' 40.5"	E 77° 45' 34.1"
WGS-WGS 84				
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	New		

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 60

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	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	It's a Building Stone Quarry
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	It's Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,70,000 TPA
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0 m topsoil/murram to be produced in the area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	14,210 TPA
16	Project Cost (Rs. In Crores)	1.35 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest - 4.20 Kms(Se)
	b. Nearest Human Habitation	Jonnalakunte Village - 0.80 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	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-37

	b.	Waste Dumping Area	0-01	
	c.	Mineral Storage Area		
	d.	Infrastructure Area	0-02	
	e.	Topsoil Yard		
	f.	Road Area	0-01	
	g.	Buffer Zone	0-25	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.0 KLD
			Domestic	0.97 KLD
			Other	1.23 KLD
			Total	11.2 KLD
23	Storm water management plan		<ul style="list-style-type: none"> • 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 	

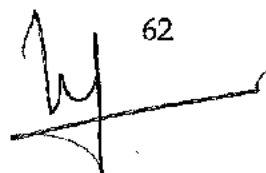
The proponent has obtained NOCs from Forest and Revenue Department. Notification was issued on 15.06.2018. As per approved quarry plan proposed proved quantity of 5,55,164.9Cum (1476739 tons) can be mined to a quarry pit depth of 38 meters during lease period.

There is an existing cart track road to a length of 0.95KM connecting lease area to the all weather black topped road. Proponent agreed to earmark Rs.2.70 lakh under CER to take up distribution of nursery plants, Rain water harvesting pits in Government Lower primary school, Solar Power Panels in Government Lower primary school at Jonnalakunte village. Avenue plantation on either side of the approach road to Quarry site & Repair of roads with drainages and Health camp in nearby community places.

As per the Cluster sketch there are 20 other leases within the radius of 500 mts from this lease area. All these 20 leases were granted prior to 09.09.2013. The area of subject lease is 2-26 Acre and project is categorised as B2.

Considering the proved mineable reserve of 1476739 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years.

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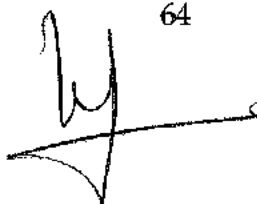
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The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 284210tonnes (Including waste).

257.40. Ordinary Sand Quarry Project, Junjarakoppa Village, Mudhol Taluk, Bagalkote District - M/s. Sai Sand Minerals (SEIAA 419 MIN 2020)[SIA/KA/MIN/187331/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s. Sai Sand Minerals, Prop: Sri Govind B Lamani, Near A.P.M.C, Mudhol, Mudhol Taluk, Bagalkote District.		
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 5-10 Acres (2.124 Hectares) in Patta Land at Sy. No. 97/2/1, 97/2/2, 97/1/1A (P), 97/1/2 (P), 97/1B/1(P) & 97/1B/2 (P) Junjarakoppa Village, Mudhol Taluk, Bagalkot District, Karnataka		
3	Co-ordinates of the Project Site	Corner Pillar	Latitude	Longitude
		A	N 16° 17' 48.9"	E 75° 17' 57.3"
		B	N 16° 17' 48.6"	E 75° 17' 59.7"
		C	N 16° 17' 50.5"	E 75° 17' 59.9"
		D	N 16° 17' 56.3"	E 75° 18' 02.1"
		E	N 16° 17' 57.4"	E 75° 17' 59.4"
		F	N 16° 17' 56.0"	E 75° 17' 58.8"
		G	N 16° 17' 53.1"	E 75° 17' 57.9"
		H	N 16° 17' 50.7"	E 75° 17' 57.4"
WGS-84 DATUM				
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	2.124
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 guideline 2016	Not Applicable
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	Production is 30,313 tons for 1st year & 22,734 tons per annum for 2nd & 3rd year of the plan period.
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 2.0 m and Sand upto a depth of 3.0m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	There is No reduction of waste .
16	Project Cost (Rs. In Crores)	1.22 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Reserved Forest at Chinchakhandi Village - 6.00 kms
	b. Nearest Human Habitation	Junjarakoppa Village - 0.85 Km (NE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Mudholat 2.50 kms N
	d. Water Bodies	Ghatprabha River - 0.25 kms (S).
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Hectares	
	a. Area for Mining/ Quarrying	1.469
	b. Waste Dumping Area	--



	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	--	
	g.	Green Belt Area/ Buffer Zone	0.655	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
			Domestic	0.5 KLD
			Other	2.0 KLD
			Total	6.0 KLD
23	Storm water management plan		<ul style="list-style-type: none"> • 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 	

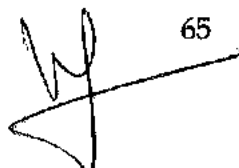
The proponent has obtained NOCs from Forest and Revenue Department. The lease area is at a distance of 250meters from the Ghataprabha River and as per the approved quarry plan the proposed proved quantity of 44,058Cum (75,781 tons) can be mined to a quarry pit depth of 3 meters including 2meters of top soil.

There is an existing cart track road to a length of 0.77KM connecting lease area to the all weather black topped road. Proponent agreed to earmark Rs.2.02lakh under CER to take up distribution of nursery plants. Rain water harvesting pits in all Government Lower primary school all Junjarakoppa village, Avenue plantation on either side of the approach road to Quarry site & Repair of road With drainages.

As per the Cluster sketch prepared by the DMG there are no other leases within the 500 meter radius from this lease area. The total area of the lease under consideration is 5-10 Acres, and project is catogrised as B2.

Considering the proved mineable reserve of 75781tonnes as per the approved quarry plan, the committee estimated the life of the mine as 3 years. The committee decided to recommend the proposal to SELAA for issue of Environment Clearance for an annual average production of 25260tonnes

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257.41. Building Stone Quarry Project, Halladi - Harkadi Village, Kundapura Taluk, Udupi District, Proponent - Sri Udbhav Shetty (SEIAA 420 MIN 2020) [SIA/KA/MIN/187487/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Udbhav Shetty S/o Rajiv Shetty Nandikeshvara Nilaya, Halladi - Harkadi Post, Kundapura Taluk, Udupi District, Karnataka - 576210		
2	Name & Location of the Project	"Building. Stone Quarry" of Sri. Udbhav Shetty At Sy. No. 65/3A, Halladi - Harkadi Village, Kundapura Taluk, Udupi District, Karnataka.		
3	Co-ordinates of the Project Site	Corner Pillar	Latitude	Longitude
		A	N 13° 33' 00.74"	E 74° 48' 41.30"
		B	N 13° 33' 05.50"	E 74° 48' 40.60"
		C	N 13° 33' 05.60"	E 74° 48' 41.00"
		D	N 13° 33' 02.70"	E 74° 48' 44.52"
		E	N 13° 33' 02.00"	E 74° 48' 44.80"
		MAP DATUM -WGS 84 DATUM		
4	Type of Project	Building Stone 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	NA		
8	Area in Ha	1.125 Ha		

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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 guideline 2016	It's Building Stone.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	30,000 tons in 1st year, 35,000 tons in 2nd year and 45,000 tons per annum for remaining 3 years for the plan period.
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0-1.5 m of topsoil to be produced in the area.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	2,105 tons per annum
16	Project Cost (Rs. In Crores)	1.11 Crore
17	Environmental Sensitivity	
	a. Nearest Forest	Bakudi Hole Reserved Forest - 7.39 Kms (NE)
	b. Nearest Human Habitation	Halladi - Harkadi Village - 0.54 kms (NE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Kundapura - 16.17 kms (NW)
	d. Water Bodies	Haladi River - 5.56 Kms(NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1.96
	b. Waste Dumping Area	0.02
	c. Top Soil yard	
	d. Mineral Storage Area	0.03
	e. Infrastructure Area	
	f. Road Area	0.02
	g. Buffer Area	0.75
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method
21	Rate of Replenishment in case River sand project	NA

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67

22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.5 KLD
			Domestic	0.6 KLD
			Other	1.00 KLD
			Total	12.1 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proponent has obtained NOC from Forest Department. Notification was issued on 25.09.2020. As per the approved quarry plan proved quantity of 2,46,995.2Cum or 6,57,007 tons can be mined to a quarry pit depth of 30 meters during lease period.

There is an existing cart track road of 900meters connecting to lease area to an all weather black topped road. Proponent agreed to earmark Rs.1.95 lakh for distribution of nursery plants construction of Rain water harvesting pits in Government Higher primary school, Solar Power Panels in Government Higher primary school all at Halladi - Harkadi village. Avenue plantation on either side of the approach road to Quarry site & Repair of road with drainages and Health camp in nearby community places.

As per the Cluster sketch, there are 4 leases including this lease within 500 meter radius from the lease area. The total area of all these leases is 6.75 Acres. The project is categorised as B2.

Considering the proved mineable reserve of 657007tonnes as per the approved quarry plan, the committee estimated the life of the mine as 15 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 42105tonnes

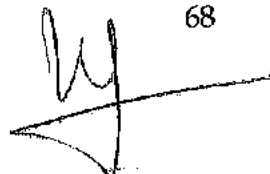
257.42. Building Stone Quarry Project, Padaganur Village, Sindagi Taluk, Vijayapura District, Proponent- Smt. Shridevi(SEIAA 421 MIN 2020)[SIA/KA/MIN/182102/2020]

The proponent has obtained NOCs from Forest and from Revenue Dept land conversion order. The lease was notified on 25.09.2020 for 20 years. As per the approved quarry plan proposed proved quantity of 184,538tons can be mined to a quarry pit depth of 11 meters during plan period.

There is an existing cart track road of 600 mt connecting lease area to all weather black topped road. Proponent agreed to earmark Rs 3.2 lakhs to take up rejuvenation of Mulsavagi water pond De-silting of water pond every year before monsoon.

As per the Cluster sketch there are no other leases within the 500 meter radius from this lease area. The area of the lease is 2-00Acres and project is categorised as B2.

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Considering the proved mineable reserve of 184538 tonnes(including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 36908tons (including waste)

257.43. Building Stone Quarry Project, Dadibhavi Village, Ramadurga Taluk, Belagavi District - Proponent - Sri Shankarappa B Lamani(SEIAA 422 MIN 2020) [SIA/KA/MIN/181747/2020]

The proponent has obtained NOCs from Forest and from Revenue Dept. land conversion order. The lease was notified on 28.07.2020 for 20 years. As per the approved quarry plan proposed proved quantity of 301,644 tons can be mined to a quarry pit depth of 14 meters during plan period.

There is an existing cart track road of 600 meters connecting lease area to all weather black topped road. Proponent has stated that he will earmark Rs 4.0 Lakh to take up rejuvenation of Dadibhavi water pond - De-silting of water pond every year before monsoon.

As per the Cluster sketch prepared by the DMG there are no other leases within the 500 meter radius from this lease area. The area of the lease is 2-00Acre, and project is categorised as B2.

Considering the proved mineable reserve of 301644tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 7 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 43570tonnes (including waste)

257.44. Building Stone Quarry Project, Rokkadakatti Village, Ramadurga Taluk, Belgaum District -Proponent Sri Shankarappa B Lamani(SEIAA 423 MIN 2020)[SIA/KA/MIN/181833/2020]

The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation for appraisal of the project based on merit and deferred the appraisal of the project proposal.

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257.45. Building Stone Quarry Project, Hanumalapura Village, Channagiri Taluk, Davanagere District - M/s. Sri Veerabhadreshwara Swamy Stone Crusher (SEIAA 424 MIN 2020)[SIA/KA/MIN/182617/2020]

The proponent has obtained NOCs from Forest and from Revenue Dept. The lease deed was executed on 05-04-2011 for 5 years. As per the audit report lease was operated till 2014-15 and further no mining activity has been carried out, which has been reflected in audit para given by DMG. As per the approved quarry plan there is a level difference of 14 meters within the mining area and the proposed proved quantity of 1,49,500 tons can be mined to a quarry pit depth of 04 meters from surface level during plan period.

There is an existing cart track road to a length of 350mt connecting lease area to the all weather black topped road. Proponent has agreed to earmark Rs 1.2 Lakhs to take up rejuvenation of Masanikerewater tank - De-silting of water tank every year before monsoon.

Lease was granted prior to 9.9.2013 and project is categorised as B2.

Considering the proved mineable reserve of 149500tonnes (including waste) as per the approved quarry plan, the committee estimated the life of the mine as 13 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 11152tonnes (including waste).

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257.46. Building Stone Quarry Project ,Kenchanadoni Village, Koppala Taluk & District - M/s. Sharada Crushing Works (SEIAA 425 MIN 2020)[SIA/KA/MIN/59146/2020]

Sl. No	Particulars	Information		
1	Name & Address of the Project Proponent	Building Stone Quarry by M/s Sharada Crushing works, Ward No 22, Imdrakeel Nagar , Gadag Road, Koppal District, Karnataka State -583231		
2	Name & Location of the Project	AQL falling in Part of Survey no's 18/1, 18/2, 18/3, 18/4 & 18/5 inKenchanadoni Village, KoppalTaluk ,Koppal District, Karnataka State		
3	Co-ordinates of the Project Site	Boundary Pillar	Latitude	Longitude
		A	15° 27' 07.6" N	76° 16' 25.9"E
		B	15° 27' 08.6" N	76° 16' 36.0"E
		C	15° 27' 59.5" N	76° 16' 36.6"E
4	Type of Mineral	D	15° 27' 00.0" N	76° 16' 25.5"E
		Building Stone Quarry		

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5	New / Expansion / Modification / Renewal	New.
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand.
7	Whether the project site fall within ESZ/ESA	NA
8	Area in Ha	20.0 Acres (8.0944 Ha)
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA
10	Depth of Sand proposed to be removed	NA
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Planned production quantity is 25,01,031 Tonnes (Recovery) of Building Stone and 2,11,325Tonnes (Intercalated waste) with topsoil of quantity 3,18,621Tonnes
12	Quantity of Topsoil/Over burden in cubic meter	2, 11,325Tonnes (Intercalated waste) with topsoil of quantity 3, 18,621 Tonnes is expected to be generated during Plan Period.
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil
14	Project Cost (Rs. In Crores)	1.75Crores, i.eRs. 175 lakhsLakhs(including the cost of machinery and additional preliminary works and working capital etc)
15	Environmental Sensitivity	
	a. Nearest Forest	Agoli State Reserve Forest extending East to North East at adistance of 6.0 Km.
	b. Nearest Human Habitation	The nearest village other than Kenchanadoni Village is Abbigere Village at 1.7 km (SW).
	c. Educational Institutes, Hospital	Genegera is at 11.5 Kmsin (S) directionfrom the lease have Educational Institutes, Hospital facilities.
	d. Water Bodies	<ul style="list-style-type: none"> • AbbageriKere at a distance of 1.0 Km (SW) from project site. • KamanurKere at a distance of 5.0 Km (SW) from project site.
	e. Other Specify	Nil
16	Applicability of General Condition of the EIA Notification, 2006	NA
17	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	16-18
	b. Waste Dumping Area	0-20
	c. Top Soil Storage Area	0-07

	d.	Mineral Storage Area	0-14	
	e.	Infrastructure Area	0-01	
	f.	Road Area	0-13	
	g.	Safety Zone/Green Belt Area	1-33	
	h.	Unexplored area	0-14	
	i.	Others Specify Safety Zone	--	
18		Method of Mining/ Quarrying	Semi Mechanised Quarrying	
19		Water Requirement		
	a.	Source of water	Near By Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppression	6.00
			Domestic	2.47
			for plantation	12.50
			Total	20.97, App 21 KLD
20		Storm water management plan	Detailed in Environmental Management Plan	

The proponent has obtained NOCs from Forest and from Revenue Dept. land conversion order. The lease was notified on 30th July 2020 for 20 years.

Area of this lease is 20-00Acre, and the committee decided to project as B1 and had decided to recommend the proposal to SEIAA for issue of standard TORs and the following additional TORs for conducting EIA study in accordance with EIA Notification 2006.

- 1) Cumulative effect on environment considering the surrounding mining leases may be studied.
- 2) Handling of explosives may be detailed and submitted.
- 3) Approach road strengthening works may be detailed and submitted

257.47. Pink Granite Quarry Project, Hoolgere Village, Kushtagi Taluk, Koppala - M/s. Sri Vari Granites Exports (SEIAA 426 MIN 2020)[SIA/KA/MIN/188170/2020]

Sl. No	Particulars	Information		
1	Name & Address of the Project Proponent	Pink Granite Quarry by M/s Sri Vari Granites Exports, 3rd Floor, No 3, Bhargava Towers, No 20, Dinnur Main Road, Bangalore Urban, Karnataka -560032.		
2	Name & Location of the Project	AQL falling in at Part of Survey no's 122/2, 122/3, 122/4 &122/5 in Hoolgere Village, Kushtagi Taluk ,Koppal District, Karnataka State.		
3	Co-ordinates of the Project Site	Boundary Pillar	Latitude	Longitude
		A	15°57'30.80" N	76° 02'12.10" E

		B	15°57'24.80" N	76° 02'11.10" E
		C	15°57'22.10" N	76° 02'10.50" E
		D	15°57'24.70" N	76° 02'05.60" E
		E	15°57'30.70" N	76° 02'06.40" E
4	Type of Mineral	Pink Granite Quarry		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand.		
7	Whether the project site fall within ESZ/ESA	NA		
8	Area in Ha	9 Acres 12 Guntas (3.7639 Ha).		
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Proposed Plan Production Capacity: Pink Granite (Recovery) - 35,000 Cum. Intercalated waste - 81,667 Cum. Top soil of quantity - 23,617 Cum.		
12	Quantity of Topsoil/Over burden in cubic meter	81,667 Cum of (Intercalated waste)with a Top soil of quantity 23,617 Cum.		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil		
14	Project Cost (Rs. In Crores)	1.40Crores, i.e140Lakhs (Including the cost of machinery and additional preliminary works and working capital etc)		
15	Environmental Sensitivity			
	a.	Nearest Forest	<ul style="list-style-type: none"> Sebanakatte Forest at a distance of 5.0 Km (S) Hanamasagar R. Forest at a distance of 7.0 Km (S)Km (S) 	
	b.	Nearest Human Habitation	Hulgeri Village- 0.2Kms (E)	
	c.	Educational Institutes, Hospital	Ilkal at a distance of 8.5 Kmsin East direction from the lease have Educational Institutes, Hospital facilities .	
	d.	Water Bodies	<ul style="list-style-type: none"> PurthageriKere at a distance of 2.0 Km (NW) KappalappanHalla (stream) at a distance of 1.0 Km (W) Ilkal Stream flowing at a distance of 7.0 Km 	

		(SE) from project site. • JalapuraKere at a distance of 7.0 Km (SE)	
	e. Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006	NA	
17	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	5-33	
	b. Waste Dumping Area	0-10	
	c. Top Soil Storage Area	0-03	
	d. Mineral Storage Area	0-04	
	e. Infrastructure Area	0-01	
	f. Road Area	--	
	g. Safety Zone/Green Belt Area	1-13	
	h. Unexplored area	1-28	
	i. Others Specify Safety Zone	--	
18	Method of Mining/ Quarrying	Semi Mechanised Quarrying	
19	Water Requirement		
	a. Source of water	Near By Borwell.	
	b. Total Requirement of Water in KLD	Dust Suppression	2.00
		Domestic	1.80
		for plantation	10.00
		Total	13.80 KLD, App 14 KLD
20	Storm water management plan	Detailed in Environmental Management Plan	

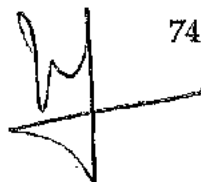
The proponent has obtained NOCs from Forest and from Revenue Dept land conversion order. The lease was notified on 9th September 2020 for 20 years. As per the approved quarry plan proposed proved quantity of 221393Cum can be mined to a quarry pit depth of 33meters during lease period.

There is an existing cart track road to a length of 200 mts connecting lease area to the all weather black topped road. Proponent agreed to earmark Rs.4,00,000/ every year to take up rejuvenation of the nearest lake/ Kere or undertake sanitation work, water supply, plantation and street lights to nearest village.

As per the Cluster sketch prepared by the DMG there are 10 other leases within the radius of 500 mts from this lease area. For all 10 leases either the ECs were issued prior to 15.01.2016 or leases were granted prior to 09.09.2013. The area of subject lease project is categorised as B2.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production quantity of 23334Cum Block- 30 % i.e. 7000 Cum and waste - 70% is i.e. 16334 Cum), considering the proposed proved quantity of 221393Cum Committee estimated the life of the mine as 10years.

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 74

257.48. Ordinary Sand Quarry Project, Sulla Village, Badami Taluk, Bagalkote District -
 Proponent - Sri Rangappa D. Sandigawad(SEIAA 427 MIN
 2020)[SIA/KA/MIN/187851/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Rangappa D. Sandigawad, S/o Devendrappa V. Sandigawad, Hebballi Village, Badami Taluk, Bagalkot District, Karnataka-587201		
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 5-01 Acres (2.033 Hectares) in Patta Land at Sy. No. 5/2, 5/3A, 5/3B, 5/4A, 5/4B & 5/4C of Sulla Village, Badami Taluk, Bagalkot District, Karnataka.		
3	Co-ordinates of the Project Site	Corner Pillar	Latitude	Longitude
		A	N 15° 50' 14.8"	E 75° 33' 58.7"
		B	N 15° 50' 13.5"	E 75° 34' 02.6"
		C	N 15° 50' 12.9"	E 75° 34' 03.2"
		D	N 15° 50' 09.3"	E 75° 34' 03.6"
		E	N 15° 50' 09.4"	E 75° 34' 02.8"
		F	N 15° 50' 09.6"	E 75° 34' 00.1"
		G	N 15° 50' 10.4"	E 75° 33' 57.7"
		H	N 15° 50' 14.5"	E 75° 33' 58.1"
WGS-84 DATUM				
4	Type of Mineral	Ordinary Sand Quarry		
5	New / Expansion / Modification / Renewal	New		

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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	2.033
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 guideline 2016	Not Applicable
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	Production is 35,000 tons for 1st year, 33,000 tons for 2nd year & 10,432 tons for 3rd year of plan period.
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 1.0 m and Sand upto a depth of 3.0m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	There is No reduction of waste .
16	Project Cost (Rs. In Crores)	1.15 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Reserved Forest at Belavalakoppa Village - 3.0 kms(N)
	b. Nearest Human Habitation	Sulla Village - 0.80 Km (N)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badamiat 15.25 kms NE
	d. Water Bodies	Malaprabha River - 0.07 kms (W)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Hectares	

	a.	Area for Mining/ Quarrying	1.489
	b.	Waste Dumping Area	--
	c.	Top Soil Storage Area	--
	d.	Mineral Storage Area	--
	e.	Infrastructure Area	--
	f.	Road Area	--
	g.	Green Belt Area/Buffer Zone	0.544
	h.	Unexplored area	--
	i.	Others Specify	--
20		Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation
21		Rate of Replenishment in case River sand project	NA
22		Water Requirement	
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water
	b.	Total Requirement of Water in KLD	Dust Suppression 3.5 KLD
			Domestic 0.3 KLD
			Other 1.3 KLD
			Total 5.1 KLD
23		Storm water management plan	<ul style="list-style-type: none"> • 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 proponent has obtained NOCs from Forest and Revenue Dept. Malaprabha river is at a distance of 70 meters. As per the approved quarry plan proposed proved quantity of 45,600 Cum (78,432 tons) can be mined to a quarry pit depth of 3 meters including 1 meter top soil for 3 years.

There is an existing cart track road of 1.15 KM connecting lease area to the all weather black topped road. Proponent agreed to earmark Rs.1.56 lakh under CER to take up distribution of nursery plants to construct Rain water harvesting pits in Government Higher primary school all at Sullavillage & Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages.

As per the Cluster sketch there are no other leases within the radius of 500 meters from this lease area. The area of the lease is 5-01 Acre and project is categorised as B2.

Considering the proved mineable reserve of 75781 tonnes as per the approved quarry plan, the committee estimated the life of the mine as 3 years. The committee after

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discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 26144tonnes

257.49. Building Stone Quarry Project, Yelagalahalli Village, Chikkaballapura Taluk & District -Proponent- Sri K.L. Avalappa (SEIAA 428 MIN 2020)[SIA/KA/MIN/187684/2020]-Expansion Project

During the appraisal the committee observed that, this is an expansion project and the project proponent has not submitted certified compliance to earlier EC conditions from Regional Office, MoEF, Bangalore. Proponent has requested the committee to correspond a letter to KSPCB in this regard.

Committee decided to request SEIAA to correspond with KSPCB for issue of certified compliance to the earlier EC conditions.

257.50. Ordinary Sand Quarry Project, Khyad Village, Badami Taluk, Bagalkote District - Proponent - Sri S. Jagadish(SEIAA 429 MIN 2020)[SIA/KA/MIN/188376/2020]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. S. Jagadish S/o V. Sengodan, No.15/1, 1st Floor,Subbaiay Reddy Road, Ulsoor, Bangalore North,HAL Stage, Bangalore, Karnataka - 560008.		
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 5-04 Acres (2.063 Hectares) in Patta Land at Sy. No. 29, 30, 31/1, 31/2 & 31/3 of Khyad Village, Badami Taluk, Bagalkot District, Karnataka.		
3	Co-ordinates of the Project Site	Corner Pillar	Latitude	Longitude
		A	N 15° 50' 30.4"	E 75° 42' 04.4"
		B	N 15° 50' 30.3"	E 75° 42' 11.0"
		C	N 15° 50' 26.4"	E 75° 42' 09.0"
		D	N 15° 50' 27.1"	E 75° 42' 03.4"
WGS-84 DATUM				
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	2.063
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 guideline 2016	Not Applicable
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	Production is 40,000 tons for 1st year, 30,000 tons for 2nd year & 23,754 tons for 3rd year of plan period.
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 2.0 m and Sand upto a depth of 3.0m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	There is No reduction of waste .
16	Project Cost (Rs. In Crores)	1.15 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Reserved Forest at Cholachagudda Village - 2.5 kms(N)
	b. Nearest Human Habitation	Manneri Village - 0.16 Km (E)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badamiat 8.90 kms N
	d. Water Bodies	Malaprabha River - 0.24 kms (W)
	e. Other Specify	--

18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	1.838	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	0.225	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
			Domestic	0.5 KLD
			Other	1.2 KLD
			Total	5.2 KLD
23	Storm water management plan		<ul style="list-style-type: none"> • 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 proponent has obtained NOCs from Forest and Revenue Dept. Malaprabha river is at a distance of 240meters. As per the approved quarry plan proposed proved quantity of 55,149.9 Cum (93,754 tons) can be mined to a quarry pit depth of 3 meters including top soil depth of 2 meters for 3 years.

There is an existing cart track road to a length of 1.20KM connecting lease area to the all weather black topped road. Proponent agreed to earmark Rs.1.65lakh under CER to take up distribution of nursery plant, construction of Rain water harvesting pits in Government Higher primary school all at Khyad village, Avenue plantation on either side of the approach road at Quarry site & Repair of road with drainages.

As per the Cluster sketch there are no other leases within the radius of 500 meters from this lease area. The area of the lease under consideration is 5-01Acre project is categorised as B2.

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Considering the proved mineable reserve of 93754 tonnes as per the approved quarry plan, the committee estimated the life of the mine as 3 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 31251 tonnes.

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Fresh Projects

257.51. Building Stone Quarry Project, Kasuvinakatte Village, Nagamangala Taluk, Mandya District-Proponent - Sri Suraj M (SEIAA 430 MIN 2020)[SIA/KA/MIN/188090/2020]

Sl. No	PARTICULARS	INFORMATION																					
1	Name & Address of the Project Proponent	Sri. Suraj M,S/o K.R.Manjunath, No. 5562, 4th Cross, 2nd Stage, New Yoganarasimhaswamy Temple, Vijayanagar, Mysore-570001.																					
2	Name & Location of the Project	"Building Stone Quarry" of Sri. Suraj M At Sy No: 43ghani, Kasuvinakatte village, Nagamangala Taluk, Mandya District, Karnataka.																					
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">GPS READINGS OF CORNER PILLERS</th> </tr> <tr> <th>POINT</th> <th>LATTITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 12° 46' 31.2"</td> <td>E 76° 35' 55.0"</td> </tr> <tr> <td>B</td> <td>N 12° 46' 30.3"</td> <td>E 76° 35' 59.1"</td> </tr> <tr> <td>C</td> <td>N 12° 46' 28.2"</td> <td>E 76° 35' 58.7"</td> </tr> <tr> <td>D</td> <td>N 12° 46' 29.2"</td> <td>E 76° 35' 54.5"</td> </tr> <tr> <td colspan="3">DATUM-WGS-84</td> </tr> </tbody> </table>	GPS READINGS OF CORNER PILLERS			POINT	LATTITUDE	LONGITUDE	A	N 12° 46' 31.2"	E 76° 35' 55.0"	B	N 12° 46' 30.3"	E 76° 35' 59.1"	C	N 12° 46' 28.2"	E 76° 35' 58.7"	D	N 12° 46' 29.2"	E 76° 35' 54.5"	DATUM-WGS-84		
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POINT	LATTITUDE	LONGITUDE																					
A	N 12° 46' 31.2"	E 76° 35' 55.0"																					
B	N 12° 46' 30.3"	E 76° 35' 59.1"																					
C	N 12° 46' 28.2"	E 76° 35' 58.7"																					
D	N 12° 46' 29.2"	E 76° 35' 54.5"																					
DATUM-WGS-84																							
4	Type of Mineral	Building Stone Quarry																					
5	New / Expansion / Modification / Renewal	New																					

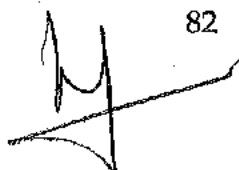
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6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Whether the project site fall within ESZ/ESA	Melkote wildlife sanctuary - 3.60 Kms (S)
8	Area in Ha	0.808 Ha
9	Actual Depth of sand in the lease area in case of River 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	It's a Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	80,000 TPA
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0 m of topsoil to be generated in the area which will be used for mud bund and plantation purpose.
15	Mineral Waste Handled (Metric Tons/ CUM)	4,210 TPA
16	Project Cost (Rs. In Crores)	1.14 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Hasuvina Kavalu Reserved Forest -2.07 Kms (NE) Kalligundi State Forest - 2.17 Kms (E).
	b. Nearest Human Habitation	Kasuvinakate Village - 0.25kms (E)
	c. Educational Institutes, Hospital	Nagamangala - 18.32 kms (NE)
	d. Water Bodies	Kottamarenahalli Pond - 0.62 Kms (SW)
	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	1-16
	b. Waste Dumping Area	0-02
	c. Top Soil Storage Area	
	d. Mineral Storage Area	

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82



	e.	Infrastructure Area	0-01	
	f.	Road Area	0-01	
	g.	Green Belt Area/ Buffer Zone	0-20	
	h.	Unexplored area	--	
	i.	Others Specify	---	
20		Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.5 KLD
			Domestic	0.7 KLD
			Other	1.0 KLD
			Total	12.2 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

The proponent has obtained NOC from Forest and Revenue Department. Notification was issued on 18.11.2020. As per the approved quarry plan, proposed proved quantity of 2,24,546Cum (6,06,276tons) can be mined during the lease period.

There is an existing cart track road of 330 meters connecting lease area to the all weather black topped road. Proponent agreed to earmark Rs.2.30 lakh under CER consider to distribution of nursery plants construction of Rain water harvesting pits in Government Lower primary school, Solar Power Panels in Government Lower primary school all at Kasuvinakatte village. Avenue plantation on either side of the approach road to Quarry site & Repair of road with drainages and Health camp in nearby community places.

As per the Cluster sketch there are 3 leases including this lease within 500 meter radius from the lease area. The total area of all these leases is 5-38 Acres and the project is categorised as B2.

Considering the proved mineable reserve of 6,06,276 tons as per the approved quarry plan, the committee estimated the life of the mine as 8 years. The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 84210 tonnes.

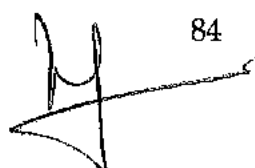
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**257.52. Building Stone Quarry Project, Kasuvinakatte Village, Nagamangala Taluk,
Mandya District - Proponent - Sri K.R. Manjunath(SEIAA 431 MIN
2020)[SIA/KA/MIN/187940/2020]**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. K. R. Manjunath, S/o Raju No. 5562, 4th cross, 2nd stage, New Yoganarasimhaswamy Temple, Vijayanagar Mysore - 570001.		
2	Name & Location of the Project	"Building Stone Quarry" of Sri. K. R. Manjunath At Sy No: 43K, Kasuvinakatte village, Nagamangla Taluk, Mandya District, Karnataka.		
3	Co-ordinates of the Project Site	GPS READINGS OF CORNER PILLERS		
		POINT	LATTITUDE	LONGITUDE
		A	N 12°46' 33.1"	E 76°35' 52.7"
		B	N 12°46' 32.3"	E 76°35' 55.3"
		C	N 12°46' 29.1"	E 76°35' 54.5"
		D	N 12°46' 29.9"	E 76°35' 52.0"
DATUM-WGS-84				
4	Type of Mineral	Building Stone 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	Melkote wildlife sanctuary - 3.57 Kms (S)		
8	Area in Ha	0.788 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		

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84


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	It's a Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	80,000 TPA
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0 m of topsoil to be generated in the area which will be used for mud bund and plantation purpose.
15	Mineral Waste Handled (Metric Tons/ CUM)	4,210 TPA
16	Project Cost (Rs. In Crores)	1.03 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Hasuvina Kavalu Reserved Forest - 2.05 Kms (NE) Kalligundi State Forest - 2.32 Kms (E).
	b. Nearest Human Habitation	Kasuvinakate Village - 0.38kms (E)
	c. Educational Institutes, Hospital	Nagamangla - 18.27 kms (NE)
	d. Water Bodies	Kottamarenahalli Pond - 0.56 Kms (SW)
	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	1-15
	b. Waste Dumping Area	0-01
	c. Top Soil Storage Area	0-01
	d. Mineral Storage Area	
	e. Infrastructure Area	
	f. Road Area	0-01
	g. Green Belt Area/Buffer Zone	0-20
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying
21	Rate of Replenishment in case River sand project	NA

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22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.5 KLD
			Domestic	0.765 KLD
			Other	0.75 KLD
			Total	12.015 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proponent has obtained NOC from Forest Department. Notification was issued on 18.11.2020. As per the approved quarry plan proposed proved quantity of 2,21,647Cum (5,98,447 tons) can be mined during lease period.

There is an existing cart track road to 0.36KM connecting lease area to the all weather black topped road. Proponent has agreed to earmark Rs.2.35lakh under CER to take up distribution of nursery plants, construction of Rain water harvesting pits in Government Lower primary school, Solar Power Panels in Government Lowerprimary school all at Kasuvinakatte village. Avenue plantation on either side of the approach road to Quarry site & Repair of road with drainages and Health camp in nearby community places.

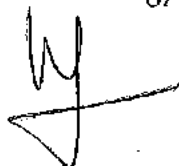
As per the Cluster sketch there are 3 leases including this lease within the 500 meter radius from this lease area. The total area of all these leases is 5-38 Acre and project is categorised as B2.

Considering the proved mineable reserve of 598447tons as per the approved quarry plan, the committee estimated the life of the mine as 8 years. The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 84210tonnes.

257.53. Building Stone Quarry Project, Kasuvinakatte Village, Nagamangala Taluk, Mandya District -Proponent- Sri K.R. Manjunath(SEIAA 432 MIN 2020)[SIA/KA/MIN/187974/2020]

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. K. R. Manjunath, S/o Raju No. 5562, 4th cross, 2nd stage, New Yoganarasimhaswamy Temple,

		Vijayanagar Mysore - 570001.																					
2	Name & Location of the Project	"Building Stone Quarry" of Sri. K. R. Manjunath At Sy No: 43K, Kasuvinakatte village, Nagamangala Taluk, Mandya District, Karnataka.																					
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">GPS READINGS OF CORNER PILLERS</th> </tr> <tr> <th>POINT</th> <th>LATTITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 12°46' 36.3"</td> <td>E 76°35' 53.4"</td> </tr> <tr> <td>B</td> <td>N 12°46' 35.6"</td> <td>E 76°35' 56.0"</td> </tr> <tr> <td>C</td> <td>N 12°46' 32.3"</td> <td>E 76°35' 55.3"</td> </tr> <tr> <td>D</td> <td>N 12°46' 33.1"</td> <td>E 76°35' 52.7"</td> </tr> <tr> <td colspan="3">DATUM-WGS-84</td> </tr> </tbody> </table>	GPS READINGS OF CORNER PILLERS			POINT	LATTITUDE	LONGITUDE	A	N 12°46' 36.3"	E 76°35' 53.4"	B	N 12°46' 35.6"	E 76°35' 56.0"	C	N 12°46' 32.3"	E 76°35' 55.3"	D	N 12°46' 33.1"	E 76°35' 52.7"	DATUM-WGS-84		
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POINT	LATTITUDE	LONGITUDE																					
A	N 12°46' 36.3"	E 76°35' 53.4"																					
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D	N 12°46' 33.1"	E 76°35' 52.7"																					
DATUM-WGS-84																							
4	Type of Mineral	Building Stone 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	Melkote wildlife sanctuary - 3.68 Kms (S)																					
8	Area in Ha	0.808 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	It's a Fresh Land																					

	ongoing/expansion/modification of mining proposals other than river sand			
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		80,000 TPA	
14	Quantity of Topsoil/Over burden in cubic meter		There is 1.0 m of topsoil to be generated in the area which will be used for mud bund and plantation purpose.	
15	Mineral Waste Handled (Metric Tons/ CUM)		4,210 TPA	
16	Project Cost (Rs. In Crores)		1.14 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Hasuvina Kavatu Reserved Forest -1.94 Kms (NE) Kalligundi State Forest - 2.27 Kms (E).	
	b.	Nearest Human Habitation	Kasuvinakate Village - 0.38kms (E)	
	c.	Educational Institutes, Hospital	Nagamangala - 17.48 kms (NE)	
	d.	Water Bodies	Kottamarenahalli Pond - 0.72 Kms (SW)	
	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	1-16	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area	0-01	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	0-20	
	h.	Unexplored area	--	
	i.	Others Specify	---	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.5 KLD
			Domestic	0.7 KLD
			Other	1.0 KLD
			Total	12.2 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	

24	Any other information specific to the project (Specify)	NA
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The proponent has obtained NOC from Forest Department. Notification was issued on 18.11.2020. As per the approved quarry plan proposed proved quantity of 2,16,926Cum (5,85,703 tons) can be mined to a quarry pit depth of 44 meters during lease period.

There is an existing cart track road of 300meters connecting lease area to the all weather black topped road. Proponent agreed to earmark Rs.2.35 lakh under CER to take up distribution of nursery plants, construction of Rain water harvesting pits in Government Lower primary school, Solar Power Panels in Government Lower primary school all at Kasuvinakatte village, Avenue plantation on either side of the approach road to Quarry site & Repair of road with drainages and Health camp in nearby community places.

As per the Cluster sketch there are 3 leases including this lease within the 500 meter radius from this lease area. The total area of all these leases is 5-38Acre, project is categorised as B2.

Considering the proved mineable reserve of 585703tons as per the approved quarry plan, the committee estimated the life of the mine as 7 years.The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 84210tonnes.

257.54. Sand Quarry Project, Nagasamudra Village, Molakalmuru Taluk, Chitradurga District - Proponent - Sri O. Mallikarjuna (SEIAA 433 MIN 2020)[SIA/KA/MIN/188263/2020]

The proponent has obtained NOCs from Forest and Revenue Department.

Committee observed that as per the records submitted by the proponent, the project site is located at a distance of 4.3KM from the boundary of the Notified Gudekote Sloth Bear Sanctuary, for which the ESZ is not notified. Hence 10KM from the boundary of the wild life area will be the ESZ where no Mining activity is permitted. Accordingly Project site falls within the ESZ of Gudekote Sloth Bear Sanctuary.

According to O M dated 08.08.2019 of MoEF, where final ESZ notification is not notified or in draft stage prior clearance from NBW is mandatory, if the project is within 10 Kms of National/wild life sanctuary. In such cases, project proponent submit application simultaneously for grant of ToR/EC as well as Wild Life Clearance.

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In view of the provision, opinion from the Authority may be sought to process EC application simultaneously instead of rejecting the application.

The committee after discussion and deliberation decided to seek the opinion from the Authority about processing the EC application of the proponent.

257.55. Building Stone Quarry Project, Chetnahalli Village, Harapanahalli Taluk, Bellari District -Proponent- Sri Venkatesh(SEIAA 434 MIN 2020)[SIA/KA/MIN /188331/2020]

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Sri Venkatesh,S/o Ramaswamy, Nagathikatte, Pothalakatte Post, Harapanahalli Taluk, Ballari District																		
2	Name & Location of the Project	"Building Stone Quarry" Sy. No. 44/B,Chetnahalli Village, Harapanahalli Taluk, Ballari District.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">Datum - WGS 84</th> </tr> <tr> <th>Pillar</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>14° 32' 21.5"</td> <td>76° 00' 55.7"</td> </tr> <tr> <td>2</td> <td>14° 32' 20.7"</td> <td>76° 00' 58.4"</td> </tr> <tr> <td>3</td> <td>14° 32' 22.8"</td> <td>76° 00' 57.8"</td> </tr> <tr> <td>4</td> <td>14° 32' 23.9"</td> <td>76° 00' 55.4"</td> </tr> </tbody> </table>	Datum - WGS 84			Pillar	Latitude	Longitude	1	14° 32' 21.5"	76° 00' 55.7"	2	14° 32' 20.7"	76° 00' 58.4"	3	14° 32' 22.8"	76° 00' 57.8"	4	14° 32' 23.9"	76° 00' 55.4"
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3	14° 32' 22.8"	76° 00' 57.8"																		
4	14° 32' 23.9"	76° 00' 55.4"																		
4	Type of Mineral	Building Stone																		
5	New / Expansion / Modification / Renewal	New																		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand																		
7	Whether the project site fall within ESZ/ESA	No																		
8	Area in Ha	0.522 Ha (1.29 Acre)																		
9	Actual Depth of sand in the lease area in case of River sand	NA																		
10	Depth of Sand proposed to be removed	NA																		

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11	Rate of replenishment in case of river sand mining as specified in the sustainable sandmining guideline 2016	NA/ Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA / New quarry
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	30,000Tonnes per annum salable Building Stone
14	Quantity of Topsoil/Over burden in cubic meter	4,698 tons of plan period
15	Mineral WasteHandled (Metric Tons/ CUM)	612 Tons/ Annum
16	Project Cost (Rs. In Crores)	0.40
17	Environmental Sensitivity	
	a. Nearest Forest	Ucchangidurga Reserved Forest 2.2 Km-NW
	b. Nearest Human Habitation	Gaulerahatti Village - 0.6 Kms (NW)
	c. Educational Institutes, Hospital	Harapanahalli - 27.0Kms (N)
	d. Water Bodies	Chikkamegalageri surface water body- 2.1Km (SW)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Hectares	
	a. Area for Mining/ Quarrying	0.313
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	
	d. Mineral Storage Area	--
	e. Infrastructure Area	
	f. Road Area	--
	g. Green Belt Area/ Buffer Zone	0.209
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanized Method Open quarrying
21	Rate of Replenishment in case River sand project	NA

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22	Water Requirement			
	a.	Source of water	Nearest Borewell	
	b.	Total Requirement of Water in KLD	Dust Suppression and Plantation	5.0 KLD
			Domestic	2.0 KLD
			Total	7.0 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proponent has obtained NOCs from Forest and Revenue Dept. The lease was notified on 19th November 2020 for 20 years.

As per Cluster sketch there are 22 leases including this lease within the radius of 500 mts from the lease area. The total area of all the leases is 42.04 Acres. Out of these, proponent claimed exemption from cluster effect for 6 leases for a total area of 9.00 Acres due to the fact that either the leases were granted prior to 09.09.2013 or ECs were issued prior to 15.01.2016. The proponent stated that 12 leases are newly notified and no application is made for EC and the area of the remaining 4 leases including this lease is 8.28 Acres. Accordingly, proponent seeking classification of project as B2.

However as per the office documents Eight application were made to SEIAA out of which EC were issued for 2 leases (Total area-3.0 Acres), One application is pending for issue of EC (Area-2.30) and other 5 applications (Total Area-8.96 Acres) were closed. The total area of leases to be considered under cluster is 22.54 Acres, and project to be categorised as B1. However, proponent has applied as B2. In view of discrepancies about total area of lease to be considered under the concept of "Cluster" committee is seeking further clarification both from the proponent and the secretariate and to place the subject before the next meeting. Proponent be informed about the decision and to provide more information if any.

The committee decided to defer the appraisal of the project proposal for the next meeting.

257.56. Building Stone Quarry Project, Marikatti Village, Bailhongala Taluk, Belagavi District - Proponent - Sri Basanagouda L Kulakarni (SEIAA 435 MIN 2020) [SIA/KA/MIN/187110/2020]

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Basanagouda L Kulakarni At: H. No. 637

		T V Senter Belagavi Belagavi Taluk & District, Karnataka		
2	Name & Location of the Project	Building Stone Quarry Extent: 3-00 Acre Sy. No. 222/1, 222/2, 222/3, 222/4 (P) of Marikatti Village, Bailhongal Taluk & Belagavi District,		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 15°50'28.40"	E 74°39'16.10"
		B	N 15°50'28.30"	E 74°39'14.40"
		C	N 15°50'25.40"	E 74°39'14.70"
		D	N 15°50'22.90"	E 74°39'14.60"
		E	N 15°50'22.70"	E 74°39'18.10"
		F	N 15°50'25.80"	E 74°39'18.10"
	G	N 15°50'25.30"	E 74°39'16.10"	
4	Type of Mineral	Ordinary Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	3-00 acres		
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 guideline 2016	NA		
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	81188 (Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter/Tons	17850 Tons		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,657 Tons/ Annum		
16	Project Cost (Rs. In Crores)	0.25		

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17	Environmental Sensitivity	
	a.	Nearest Forest Marihala RF 7.10 Km Kolanhatti Reserve Forest- 5.107Km- N-NE
	b.	Nearest Human Habitation Marikatti Village 2.8 Km
	c.	Educational Institutes, Hospital Baikhongal which is Taluk head quarter- 21.0 Km
	d.	Water Bodies Kolanhatti Kere-9.291Km-NE Khangoan Budruk-6.938Km-NW Hari Nadi-2.303Km-S Chikka Halla 5.691Km-E Alarvad Kere-8.540Km-W Kallarkop Kere-8.00Km-S-SW Benchinmardi Kere-8.01S-SE
	e.	Other Specify None
18	Applicability of General Condition of the EIA Notification, 2006 None	
19	Details of Land Use in Acres-Guntas	
	a.	Proposed Working 1-33
	b.	Proposed Stack Yard 0-02
	c.	Proposed Shelter 0-02
	d.	Proposed Dump Yard 0-02
	e.	Proposed Road 0-03
	f.	Proposed Buffer Zone 0-38
20	Method of Mining/ Quarrying Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project NA	
22	Water Requirement	
	a.	Source of water Nearby Bore well Water
	b.	Total Requirement of Water in KLD
		Dust Suppression 1.000 KLD
		Domestic 0.30 KLD
		Other 1.50 KLD
		Total 2.80 KLD
23	Storm water management plan Will be carried out.	
24	Any other information specific to the project (Specify) None	

The proponent has obtained NOCs from Forest and from Revenue Dept. land conversion order. The lease was issued on 09.10.2020 for 20years. As per quarry plan proved quantity of 4,14,225 tons can be mined to a quarry pit depth of 48meters during lease period.

There is an existing cart track road of 250mtr connecting lease area to the all-weather black topped road. Proponent agreed to earmark Rs. 1.50 Lakhs under CER to

94



carry out Roof Top Rain Water Harvesting system with ground water recharging facility, at the Marikatti Village Govt. School.

The committee observed that, as per the Cluster sketch prepared by the DMG there are 3 leases including this lease within the radius of 500 mts from this lease area. The total area of all these leases is 9-30Acre. The project is categorised as B2.

Considering the proved mineable reserve of 414225tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 5 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 82845tonnes (Including waste).

257.57. Grey Granite Quarry Project at Sy.Nos.48/3, 49/3 & 58/1 of Channappanahalli Village, Kuknoor Taluk, Koppala District (4.875 Acres) Sri Kalakappa V Kambli(SEIAA 436 MIN 2020) [SIA/KA/MIN/188713/2020]

The proponent has obtained NOCs from Forest and from Revenue Dept. land conversion order. As per the approved quarry plan proposed proved quantity of 218139cum can be mined to a quarry pit depth of 18meters during lease period.

There is an existing cart track road to a length of 690meters connecting lease area to the all weather black topped road. Proponent has agreed to earmark Rs 2.00 lakhs under CER to take up construction of two toilets & its maintenance and Anganwadi kitchen at Govt. Primary school in Channappanahalli village.

As per the Cluster sketch there are 3 leases including this lease within the radius of 500 meters from the lease area. The total area of all these leases is 12-04Acre and project is categorised as B2.

Considering the proposed proved quantity of 218139cum. Committee estimated the life of the mine as 18 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production quantity of 12666 cum (recover 30 % i.e. 3799Cum and waste- 70% i.e.88662 cum).

257.58. Pink Granite Quarry Project, Vanaballari Village, Koppala Taluk & District - Proponent- Sri Sudhakar B (SEIAA 437 MIN 2020)[SIA/KA/MIN/188921/2020]

The proponent has obtained NOCs from Forest and from Revenue Dept. land conversion order. The lease was issued on 24.09.2020 for 30 years. As per the approved quarry plan proved quantity of 452489cum can be mined to a quarry pit depth of 24meters during lease period.

There is an existing cart track road of 650meters connecting lease area to all weather black topped road. Proponent has agreed to earmark 2.0 Lakhs under CER to take up

construction of two toilets & it is maintenance and Anganwadi kitchen at near by Govt. Primary school.

As per the Cluster sketch there are no other leases within radius of 500 mts from the lease area. The area of the lease under consideration is 6-00 Acre and project is categorised as B2.

Considering the proposed proved quantity of 452489 Cum. the committee estimated the life of the mine as lease period. The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production quantity of 12000 Cum (recovery - 30 % i.e. 3600 Cum and waste -70% i.e. 8400 Cum),

257.59. Sand Block No.1 Project, Holaluru Village, Shivamogga Taluk, Shivamogga District (10-00 Acres) M/s Executive Engineer - Upper Thunga Project Division, K.N.N.L. Shivamogga(SEIAA23MIN2021) [SIA/KA/MIN/59693/2021]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	The Executive Engineer Upper Thunga Project Division, K.N.N.L, Shivamogga.		
2	Name & Location of the Project	Ordinary River Sand Block No. Holaluru Sand Block No.1, Thungabhadra River Bed, Holaluru village, Shivamogga Taluk, Shivamogga District.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 14°01'52.10"	E 75°40'49.40"
		B	N 14°01'49.39"	E 75°40'53.10"
		C	N 14°01'40.81"	E 75°40'47.79"
3	Co-ordinates of the Project Site	D	N 14°01'43.13"	E 75°40'44.21"
4	Type of Mineral	Ordinary Sand		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Revenue Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	10-00 Acres		
9	Actual Depth of sand in the lease area in case of River sand	1.0 m		
10	Depth of Sand proposed to be removed in case of River sand	0.073m		

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11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	-
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	4,503Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	None
16	Project Cost (Rs. In Crores)	0.50
17	Environmental Sensitivity	
	a. Nearest Forest	Ranakere SF 9.25 Km W-NW Kunchenhalli SF 9.38Km W-SW
	b. Nearest Human Habitation	Holaluru village-1.50Km
	c. Educational Institutes, Hospital	Shivamogga-15.5 Km
	d. Water Bodies	The project lies on Thungabhadra River Tunga Anicut Left Bank Canal 1.041Km W BalehattiKere 1.99 Km W MusinhalKere 7.32 Km NW KugonahalliKere 9.11Km N-NW MadikeChillurKere 3.62 Km N-NE ChillurKere 8.457 Km N
	e. Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Acres-Guntas	
	a. Area for Mining/ Quarrying	-
	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	10-00 Acres
	i. Others Specify	-
20	Method of Mining/ Quarrying	Opencast Semi-mechanized

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21	Rate of Replenishment in case River sand project		-	
22	Water Requirement			
	a.	Source of water	Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.70 KLD
			Domestic	0.45KLD
			Other	5.50 KLD
			Total	10.65KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The block has been allotted to K.N.N.L, Shivamogga, to utilize sand for various Govt. works. The Letter of Intent (LoI) was issued on 26-05-2020.

As per the Cluster sketch prepared by the DMG there are 4 leases including this lease within the 500 meter radius from this lease area. The total area of all these leases is 40-00Acre, and project is categorised as B1. Committee decided to recommend the proposal to SEIAA for issue of standard TORs for conducting EIA study in accordance with EIA Notification 2006.

257.60. Sand Block No.1 Project in Thungabhadra River Bed , Buklapura Village, Thirthahalli Taluk, Shivamogga District (10-00 Acres) M/s Executive Engineer- Upper Thunga Project Division, K.N.N.L. Shivamogga(SEIAA 24 MIN 2021) [SIA/KA/MIN/59955/2021]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	The Executive Engineer Upper Thunga Project Division, K.N.N.L, Shivamogga.		
2	Name & Location of the Project	Ordinary River Sand Block No. Buklapura Sand Block No.1, Thungabhadra River Bed, Buklapura village, Thirthahalli Taluk, Shivamogga District.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°41'32.10"	E 75°15'43.79"
		B	N 13°41'37.94"	E 75°15'44.39"
		C	N 13°41'38.06"	E 75°15'50.61"
4	Type of Mineral	D	N 13°41'32.31"	E 75°15'51.75"
		Ordinary Sand		
5	New / Expansion / Modification / Renewal	New		

6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Revenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	10-00 Acres
9	Actual Depth of sand in the lease area in case of River sand	3.5 m
10	Depth of Sand proposed to be removed in case of River sand	0.60m
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	-
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	38,249Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	None
16	Project Cost (Rs. In Crores)	0.50
17	Environmental Sensitivity	
	a. Nearest Forest	Yoganarasipura Minor Forest 3.12 W-SW Kalammanagudi Minor Forest 10.39 NW Tunga SF 8.96 km S-SE Hadaginamakki SF 7.73 km SE Heggargudda SF 4.48 km E Narthur SF 6.67 km W-NW
	b. Nearest Human Habitation	Thirthahalli village-2.4Km
	c. Educational Institutes, Hospital	Shivamogga-42.1 Km
	d. Water Bodies	The project lies on Thungabhadra River Sankada Hole 0.69 km W Sungi Hole 3.60 km NW Muradi Hole 3.69 km NW SanvasipalHalla 7.00 km S-SW Malachi Hole 6.96 km SW AgaraKere 9.35 km NW
	e. Other Specify	



18	Applicability of General Condition of the EIA Notification, 2006	None		
19	Details of Land Use in Acres-Guntas			
	a.	Area for Mining/ Quarrying	8-30	
	b.	1/8 th of the river	0-34	
	c.	Buffer Zone	0-16	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		-	
22	Water Requirement			
	a.	Source of water	Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.70 KLD
			Domestic	0.45KLD
			Other	5.50 KLD
			Total	10.65KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The block has been allotted to K.N.N.L, Shivamogga to utilize sand for various Govt. Works. The Letter of Intent (LoI) was issued on 02-07-2020.

As per the Cluster sketch prepared by the DMG there are 2 leases including this lease within the 500 meter radius from this lease area. The total area of the two leases is 20-00Acre, and project is categorised as B1. Committee decided to recommend the proposal to SEIAA for issue of standard TORs for conducting EIA study in accordance with EIA Notification 2006.

257.61. Ordinary Sand Quarry Project in Block No.11 - Varahi River Bed at Sy.No.01 of Ampura Village, Kundapura Taluk, Udupi District -Proponent - M/s Assistant Executive Engineer, Minor Irrigation and Ground Water Development Dept. Udupi (SEIAA 32 MIN 2021) [SIA/KA/MIN/194578/2021]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Assistant Executive Engineer Minor Irrigation and Ground Water Development Dept. Mangalore.		
2	Name & Location of the Project	Amparu Sand Quarry, Block No.-11, Varahi River Bed, Amparu village, Kundapura Taluk, Udupi District.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude

		A	N 13°37'8.84"	E 74°47'59.05"
		B	N 13°37'9.30"	E 74°48'05.10"
		C	N 13°37'9.80"	E 74°48'05.30"
		D	N 13°37'9.80"	E 74°46'08.80"
		E	N 13°37'8.69"	E 74°46'08.73"
		F	N 13°37'7.94"	E 74°47'59.35"
4	Type of Mineral	Ordinary Sand		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	2.50 Acres		
9	Actual Depth of sand in the lease area in case of River sand	1.0 m		
10	Depth of Sand proposed to be removed in case of River sand	0.7m		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	-		
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	12,181 Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	None		
16	Project Cost (Rs. In Crores)	0.30		
17	Environmental Sensitivity			
	a. Nearest Forest	Halakki Hole Reserve Forest-4.031Km-NE Mavinagulli Reserve Forest-6.015Km-N Amradi hole Reserve Forest -7.550Km-N Chittur Reserve Forest-9.198Km-N-NW Kasankatte Reserve Forest-10.2Km-N-NW Sabladi Reserve Forest-7.832Km-E-NE		
	b. Nearest Human Habitation	Amparu village		
	c. Educational Institutes,	Kundapura-11.8 Km		

	Hospital		
	d. Water Bodies	The project lies in Varahi River Bed Dasankatte Hole-9.469Km-SW Chakra Nadi-8.698Km-N Achaladi hole-7.119Km-S-SW	
	e. Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006	None	
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	2.50 Acres	
	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-mechanized	
21	Rate of Replenishment in case River sand project	-	
22	Water Requirement		
	a. Source of water	Bore well Water	
	b. Total Requirement of Water in KLD	Dust Suppression	0.50KLD
		Domestic	0.32KLD
		Plantation	2.50KLD
		Total	3.32KLD
23	Storm water management plan	Will be carried out.	
24	Any other information specific to the project (Specify)	None	

The block has been allotted to Minor Irrigation and Ground Water Development Dept., Mangalore, for utilization of sand for various Govt. works. The Letter of Intent (LoI) was issued on 30-12-2020 for a period of 5 Years. As per the quarry plan proved quantity of 12,181 tons can be mined to a quarry pit depth of 0.7 meters per annum for 5 years, after due replenishment every year.

There is an existing cart track road of 116mtr connecting lease area to the all weather black topped road.

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As per Cluster sketch prepared by the DMG there are no other leases within the radius of 500 meters from this lease area. The area of the lease under consideration is 2.5Acre and project is scategoised as B2.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 12181tonnes per annum for 5 years, after due replenishment every year.

257.62. Ordinary Sand Quarry Project in Block No.23 - Varahi River Bed at Sy.No.249 of Molahalli Village, Kundapura Taluk, Udupi District by KARNATAKA NEERAVARI NIGAMA NIYAMITHA - UDUPI (1-00 Acre) (SEIAA 37 MIN 2021) [SIA/KA/MIN/193048/2021]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Karnataka Neeravari Nigama Niyamitha Karnataka Neeravari Nigama Niyamitha Varahi Reservoir Planning Division Siddapura, Udupi.		
2	Name & Location of the Project	Ordinary River Sand Block No. 23, Varahi River Bed, Molahalli village, Kundapura Taluk, Udupi District.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°37'21.50"	E 74°49'14.44"
		B	N 13°37'22.32"	E 74°49'14.51"
		C	N 13°37'19.79"	E 74°49'20.26"
		D	N 13°37'19.27"	E 74°49'20.99"
		E	N 13°37'20.87"	E 74°49'17.95"
F	N 13°37'21.44"	E 74°49'18.5"		
4	Type of Mineral	Ordinary Sand		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.00 Acres		
9	Actual Depth of sand in the lease area in case of River sand	2.25 m		
10	Depth of Sand proposed to be removed in case of River sand	0.75m		

11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	-
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	5,218Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	None
16	Project Cost (Rs. In Crores)	0.20
17	Environmental Sensitivity	
	a. Nearest Forest	Marladi Reserve forest-3.745Km-E-NE Halakki Hole Reserve Forest-2.686Km-N Balakatte hole Reserve Forest-5.000Km-NE Mavinagulli Reserve Forest-5.610Km-N-NW Amradi hole Reserve Forest -6.839Km-N-NW Chittur Reserve Forest-9.426Km-N-W Baduki Reserve Forest-7.00Km-SE Surti hole Reserve Forest-7.992-E-SE Sabladi Reserve Forest-8.772Km-W-NW
	b. Nearest Human Habitation	Molahalli village-2.5Km
	c. Educational Institutes, Hospital	Kundapura -14 Km
	d. Water Bodies	The project lies on Varahi River Bed Kubja Nadi-4.192Km-N Dasarakatte Hole-7.11Km-SE
	e. Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	1.00 Acres (0.404Ha.)
	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-mechanized	
21		Rate of Replenishment in case River sand project	-	
22		Water Requirement		
	a.	Source of water	Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	0.50 KLD
			Domestic	0.32KLD
			Other	1.25 KLD
			Total	2.07KLD
23		Storm water management plan	Will be carried out.	
24		Any other information specific to the project (Specify)	None	

The block has been allotted to Karnataka Neeravari Nigama Niyamitha, Varahi Reservoir Planning Division, Siddapura, Udupi, for utilization of sand for various Govt. Works. The Letter of Intent (LoI) was issued on 30-12-2020 for 5 Years. As per the approved quarry plan, proved quantity of 5,218 tons can be mined to a quarry pit depth of 0.75meters per annum, after due replenishment every year for 5 years.

There is an existing cart track road of 150mtr connecting lease area to allweather black topped road.

As per the Cluster sketch there are two leases within the radius of 500 meters from this lease area. The area of these two leases is 2.5Acre and project is categorised as B2.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 5218tonnes per annum for 5 years, after due replenishment every year.

257.63. Ordinary Sand Quarry Project in Block No.30 - Sudha Hole, Kouduru Village, Karkala Taluk, Udupi District (1-00 Acre) -Proponent M/s. KARNATAKA NEERAVARI NIGAMA NIYAMITHA - UDUPI (SEIAA 39 MIN 2021) [SIA/KA/MIN/195092/2021]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Karnataka NeeravariNigamaNiyamitha Varahi Reservoir Planning Division Siddapura, Udupi.		
2	Name & Location of the Project	Ordinary River Sand Block No. 30, Sudha Hole, Kouduru village, KarkalaTaluk, Udupi District.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude

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		A	N 13°14'19.5"	E 74°54'51.3"
		B	N 13°14'19.6"	E 74°54'51.9"
		C	N 13°14'18.3"	E 74°54'51.5"
		D	N 13°14'17.1"	E 74°54'51.9"
		E	N 13°14'15.4"	E 74°54'51.8"
		F	N 13°14'14.7"	E 74°54'51.6"
		G	N 13°14'15.4"	E 74°54'48.3"
		H	N 13°14'15.6"	E 74°54'50.9"
		I	N 13°14'16.3"	E 74°54'51.3"
		J	N 13°14'17.3"	E 74°54'51.1"
4	Type of Mineral	Ordinary Sand		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.00 Acres		
9	Actual Depth of sand in the lease area in case of River sand	2.0 m		
10	Depth of Sand proposed to be removed in case of River sand	0.75m		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	-		
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	3,479 Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	None		
16	Project Cost (Rs. In Lakhs)	20		
17	Environmental Sensitivity			
	a.	Nearest Forest	Vorwadi Reserve Forest-6.125Km-NW Nire Reserve Forest-6.797Km-N Mesinkan Reserve Forest-8.980Km-E-NE	

	b.	Nearest Human Habitation	Kouduru -3.0Km	
	c.	Educational Institutes, Hospital	Karkala Taluk - 10 Km	
	d.	Water Bodies	The project lies in Sudha Hole Bola Hole-8.741Km-S-SE Yenne Hole-9.162Km-NE Swarna Nadi-9.346Km-N-NE	
	e.	Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	1.00 Acres (0.404Ha.)	
	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-mechanized	
21	Rate of Replenishment in case River sand project		-	
22	Water Requirement			
	a.	Source of water	Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	0.50 KLD
			Domestic	0.32KLD
			Other	0.98 KLD
			Total	1.80KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The block has been allotted to Karnataka Neeravari Nigama Niyamitha, Varahi Reservoir Planning Division, Siddapura, Udipi, for utilization in various Govt. Works. The Letter of Intent (LoI) was issued on 30-12-2020 for 5 Years. As per the approved quarry plan proved quantity of 3,479 tons can be mined to a quarry pit depth of 0.5 meters per annum, after due replenishment every year for 5 years.

There is an existing cart track road of 150mtr connecting lease area to the all-weather black topped road.

As per the Cluster sketch there are no other leases within the radius of 500 meters from the lease area. The area of the lease under consideration is 1-00Acre and project is categorised as B2.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 3479tonnes per annum for 5 years, after due replenishment every year.

257.64. Ordinary Sand Quarry Project in Block No.32 - Thirthakottu Hole at Sy.No.59 of Kukkaje Village, Karkala Taluk, Udupi District -Proponent M/s. KARNATAKA NEERAVARI NIGAMA NIYAMITHA - UDUPI (SEIAA 40 MIN 2021)[SIA/KA/MIN/195107/2021]

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Karnataka NeeravariNigamaNiyamitha Karnataka NeeravariNigamaNiyamitha Varahi Reservoir Planning Division Siddapura, Udupi.		
2	Name & Location of the Project	Ordinary River Sand Block No. 32, Varahi River Bed, Kukkaje village, KarkalaTaluk, Udupi District.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°19'12.10"	E 74°57'40.60"
		B	N 13°19'11.10"	E 74°57'43.90"
		C	N 13°19'11.60"	E 74°57'46.90"
		D	N 13°19'10.90"	E 74°57'47.20"
		E	N 13°19'10.50"	E 74°57'43.70"
F	N 13°19'11.50"	E 74°57'40.60"		
4	Type of Mineral	Ordinary Sand		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.00 Acres		
9	Actual Depth of sand in the lease area in case of River sand	1.0 m		
10	Depth of Sand proposed to be removed in case of River sand	0.75m		

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11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	-
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	6,957Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	None
16	Project Cost (Rs. In Crores)	0.20
17	Environmental Sensitivity	
	a. Nearest Forest	The project lies on Thirthakottu Hole Yenne Hole-0.773Km-N-NE Nire Reserve Forest-3.972Km-W-SW Vorwadi Reserve Forest-8.926Km-W-SW Andar Reserve Forest-7.484Km-E-NE Chinkamalai Reserve Forest-6.254Km-E-SE Mensinkar Reserve Forest-7.234Km-SE Durga Hole-8.619Km-S-SE Suda Hole-7.414Km-S-SW
	b. Nearest Human Habitation	Kukkaje village-2.5Km
	c. Educational Institutes, Hospital	Karkala-10 Km
	d. Water Bodies	The project lies on Varahi River Bed Kubja Nadi-4.192Km-N Dasarakatte Hole-7.11Km-SE
	e. Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	1.00 Acres (0.404Ha.)
	b. Waste Dumping Area	-
	c. Top Soil Storage Area	-
	d. Mineral Storage Area	-
	e. Infrastructure Area	-
	f. Road Area	-
	g. Green Belt Area	-

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	h.	Unexplored area	-	
	i.	Others Specify	-	
20		Method of Mining/ Quarrying	Opencast Semi-mechanized	
21		Rate of Replenishment in case River sand project	-	
22		Water Requirement		
	a.	Source of water	Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	0.50 KLD
			Domestic	0.32KLD
			Other	1.25 KLD
			Total	2.07KLD
23		Storm water management plan	Will be carried out.	
24		Any other information specific to the project (Specify)	None	

The block was allotted to Karnataka Neeravari Nigama Niyamitha, Varahi Reservoir Planning Division, Siddapura, Udupi, for use of sand for various Govt. Works. The Letter of Intent (LoI) was issued on 30-12-2020 for 5 Years. As per the approved quarry plan proved quantity of 6,957 tons can be mined to a quarry pit depth of 1.00 meters per annum, after due replenishment every year for 5 years.

There is an existing cart track road of 150mtr connecting lease area to the all weather black topped road.

As per the cluster sketch there are no other leases within the radius of 500 meters from this lease area. The area of the lease under consideration is 1-00 Acre and project is categorised as B2.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 6957 tonnes per annum for 5 years, after due replenishment every year.

257.65. Ordinary River Sand Quarry Project at Sy.No.295 of Shakaranarayana Village, Kundapura Taluk, Udupi District -Proponent M/s. KARNATAKA NEERAVARI NIGAMA NIYAMITHA - UDUPI (SEIAA 50 MIN 2021) (SIA/KA/MIN/195079/2021)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Karnataka Neeravari Nigama Niyamitha Varahi Reservoir Planning Division Siddapura, Udupi.
2	Name & Location of the Project	Ordinary River Sand Block No. 12 in Varahi River bed, Shankaranarayana village,

		Kundapura Taluk, Udipi District.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°37'22.32"	E 74°49'14.51"
		B	N 13°37'23.16"	E 74°49'14.41"
		C	N 13°37'20.41"	E 74°49'22.00"
		D	N 13°37'19.79"	E 74°49'20.76"
		E	N 13°37'20.87"	E 74°49'17.80"
	F	N 13°37'21.40"	E 74°49'18.50"	
4	Type of Mineral	Ordinary Sand		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.50 Acres		
9	Actual Depth of sand in the lease area in case of River sand	1.0m		
10	Depth of Sand proposed to be removed in case of River sand	0.7m		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	-		
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	7,305Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	None		
16	Project Cost (Rs. In Crores)	0.25		
17	Environmental Sensitivity			
	a. Nearest Forest	Marladi Reserve Forest-3.829Km-E-NE Kamaradi Hole Reserve Forest-6.914Km-N-NE Chakra Nadi-7.758Km-N Surti hole Reserve Forest-7.959Km-E-SE Harmannur Reserve Forest-8.075Km-N		

		Sural Adavi Reserve Forest-8.288Km-N-NE Nujina Ane Reserve Forest-8.480m-N-NW	
	b. Nearest Human Habitation	Shankaranarayana -2.5Km	
	c. Educational Institutes, Hospital	Kundapur Taluk - 10 Km	
	d. Water Bodies	The project lies on Varahi River Hallakki Hole Reserve Forest-2.724Km-N Kubja Nadi-4.247Km-N Mavinagulli-5.634Km-N-NE	
	e. Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006	None	
19	Details of Land Use in Ha		
	a. Area for Mining/ Quarrying	1.50 Acres (0.607Ha.)	
	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-mechanized	
21	Rate of Replenishment in case River sand project	-	
22	Water Requirement		
	a. Source of water	Bore well Water	
	b. Total Requirement of Water in KLD	Dust Suppression	0.50 KLD
		Domestic	0.32KLD
		Other	1.25 KLD
		Total	2.07 KLD
23	Storm water management plan	Will be carried out.	
24	Any other information specific to the project (Specify)	None	

The block was allotted to Karnataka Neeravari Nigama Niyamitha, Varahi Reservoir Planning Division, Siddapura, Udipi, for utilization of sand for various Govt. Works. The Letter of Intent (LoI) was issued on 30-12-2020 for 5 Years. As per the approved quarry plan proved quantity of 7,305 tons can be mined to a quarry pit depth of 0.7 meters per annum, after due replenishment every year for 5 years.

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There is an existing cart track road of 150mtr connecting lease area to the all-weather black topped road.

As per the cluster there are two leases including this lease within the radius of 500 meters from this lease area. The total area of the two leases is 2.5Acre and project is categorised as B2.

The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual production of 7,305tons per annum for 5 years, after due replenishment every year.

Deferred Projects

257.66. Ordinary Sand Quarry Project ,Hebballi Village, Badami Taluk, Bagalkote District -Proponent Sri Mohan Kumar S (SEIAA 195 MIN 2020) [SIA/KA/MIN/158090/2020]

The proponent was invited for the 250th meeting held on 07-08-2020 to provide required clarification. The proponent remained absent.

It was decided to provide one more opportunity to proponent.

SL No	PARTICULARS	INFORMATION																					
1	Name & Address of the Project Proponent	Shri. Mohan Kumar S, #28,Shiranganahalli, Mallapur, Ramanagar Taluk, Karnataka - 562127.																					
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 5-37 Acres (2.397 Hectares) in Patta Land at Sy. No. 13/1, 13/2A & 13/2B of Hebballi Village, Badami Taluk, Bagalkote District, Karnataka																					
3	Co-ordinates of the Project Site	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="3">GPS READING OF CORNER PILLARS</th> </tr> <tr> <th>CORNER PILLAR</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N15°50'16.81"</td> <td>E75°36'58.47"</td> </tr> <tr> <td>B</td> <td>N15°50'13.84"</td> <td>E75°36'59.02"</td> </tr> <tr> <td>C</td> <td>N15°50'13.53"</td> <td>E75°37'07.77"</td> </tr> <tr> <td>D</td> <td>N15°50'16.29"</td> <td>E75°37'08.12"</td> </tr> <tr> <td colspan="3">MAP DATUM - WGS 84</td> </tr> </tbody> </table>	GPS READING OF CORNER PILLARS			CORNER PILLAR	LATITUDE	LONGITUDE	A	N15°50'16.81"	E75°36'58.47"	B	N15°50'13.84"	E75°36'59.02"	C	N15°50'13.53"	E75°37'07.77"	D	N15°50'16.29"	E75°37'08.12"	MAP DATUM - WGS 84		
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D	N15°50'16.29"	E75°37'08.12"																					
MAP DATUM - WGS 84																							
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	2.397
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 guideline 2016	Not Applicable For Patta land
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 Tonnes for 1st year, 28,000 Tonnes for the 2nd year & 10,654 Tonnes for the 3rd year.
14	Quantity of Topsoil/Overburden in cubic meter	Topsoil 1.0 m and Sand up to a depth of 3.0 m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	There is No reduction of waste .
16	Project Cost (Rs. In Crores)	0.95 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Reserved Forest at Belavalakoppa Village - 2.28 kms(N)
	b. Nearest Human Habitation	Hebballi Village - 0.60 Km (W)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami at 10.73 kms (NE)
	d. Water Bodies	Malaprabha river - 0.10 Kms (S).
	e. Other Specify	--
18	Applicability of General Condition of the ELA Notification, 2006	
19	Details of Land Use in Hectares	
	a. Area for Mining/ Quarrying	1.718
	b. Waste Dumping Area	--

	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	--	
	g.	Green Belt Area/ Buffer Zone	0.679	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.30 KLD
			Domestic	0.50 KLD
			Other	1.20 KLD
			Total	3.00 KLD
23	Storm water management plan		<ul style="list-style-type: none"> • 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 proponent has obtained NOCs from Forest and from Revenue Department Malaprabha River is at a distance of 100 meters from the lease area. As per the approved quarry plan proved quantity of 51,543 Cum or 88,654 tons can be mined to a quarry pit depth of 3 meters during the lease period.

There is an existing cart track road of 0.20KM connecting lease area to the all weather black topped road. proponent agreed to earmark Rs.1.86lakh under CER to take up distribution of nursery plants to construction of Rain water harvesting pits in Government Higher primary school all at Hebballi village. Avenue plantation on either side of the approach road to quarry site & Repair of road with drainages.

As per the cluster certificate there is one more lease within the radius of 500 meters from this lease area and this lease was surrendered by the applicant. The area of the lease under consideration is 5-37Acre and project is categorised as B2.

Considering the proved mineable reserve of 88654tonnes as per the approved quarry plan, the committee estimated the life of the mine as 3 years. The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 29551tonnes

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257.67. Proposed Sand Block Project at Sy.No.234 of Malaluru Village & Sy.Nos.24, 57 & 19 of Kunda Village, Thirthahalli Taluk, Shivamogga District -Proponent Sri Praveen M.N. (SEIAA 83 MIN 2020) [SIA/KA/MIN/51061/2020]

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Sri. Praveen M. N. S/o. C. R. Nagesh Abbalagere Post, Shivamogga Taluk, Shivamogga District.																		
2	Name & Location of the Project	"Malaluru Sand Block No. 2" of Sri. Praveen M. N., Adjacent to Sy. No - 234 of Malaluru Village and 24, 57 & 19 of Kunda Village, Thirthahalli Taluk, Shivamogga District, Karnataka																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Corner Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;">WGS-84</td> </tr> <tr> <td>A</td> <td>13°32'26.32"N</td> <td>75°11'23.37"E</td> </tr> <tr> <td>B</td> <td>13°31'59.89"N</td> <td>75°11'19.41"E</td> </tr> <tr> <td>C</td> <td>13°32'00.48"N</td> <td>75°11'17.79"E</td> </tr> <tr> <td>D</td> <td>13°32'24.74"N</td> <td>75°11'22.68"E</td> </tr> </tbody> </table>	Corner Points	Latitude	Longitude	WGS-84			A	13°32'26.32"N	75°11'23.37"E	B	13°31'59.89"N	75°11'19.41"E	C	13°32'00.48"N	75°11'17.79"E	D	13°32'24.74"N	75°11'22.68"E
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C	13°32'00.48"N	75°11'17.79"E																		
D	13°32'24.74"N	75°11'22.68"E																		
4	Type of Mineral	River Sand Quarry																		
5	New / Expansion / Modification / Renewal	Expansion (QL No. 23/2018 - 19)																		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land																		
7	Whether the project site fall within ESZ/ESA	Someshwara Wild Life Sanctuary - 5.17 Kms (SW)																		
8	Area in Ha	4.856 Ha																		
9	Actual Depth of sand in the lease area in case of River sand	0.78 mts																		
10	Depth of Sand proposed to be removed	0.78 mts																		

11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	1,67,184 Ton/year
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a river sand quarry so yearly replenishment occurs.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	65,201Tonnes per Annum
14	Quantity of Topsoil/Over burden in cubic meter	No top soil
15	Mineral Waste Handled (Metric Tons/ CUM)	No waste is produced.
16	Project Cost (Rs. In Crores)	1.57 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None within 5kms
	b. Nearest Human Habitation	Malalur - 0.78 Km (E)
	c. Educational Institutes, Hospital	Thirthahalli- 18.47 kms (NE)
	d. Water Bodies	This is a river sand mining project. The site is in Malathi river Bed
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	12-00
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	
	d. Mineral Storage Area	--
	e. Infrastructure Area	
	f. Road Area	--
	g. Green Belt Area/Buffer Zone	--
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying

21	Rate of Replenishment in case River sand project		1,67,184 Ton/year	
22	Water Requirement			
	a.	Source of water	Drinking water: Drinking water will be supplied to the persons working in the quarry by disinfected and cleaned water from river.	
	b.	Total Requirement of	Dust	2.07 KLD
		Water in KLD	Suppression	
			Domestic	0.5KLD
			Other	0.23 KLD
			Total	2.8 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The Proponent and Environment Consultant attended the 246th meeting held on 30-06-2020. It is a proposal involving expansion of sand mining in the sand mining block. The proponent has stated that EC for the project was issued by DEIAA on 11.10.2018 for the annual production of 8232 Tonnes.

As per the cluster sketch there are two leases including this lease within the 500 meter radius from the lease area and the total area of these two leases is 24-00 Acres . the Committee categorised the project as B1 and recommend the proposal to SEIAA for issue of ToRs.

Proposal was placed before 188th SEIAA meeting held on 14th July 2020. The Authority noted that the Kunda village in Thirthahalli Taluk is part of ESA under western Ghat as per the notifications issued by the MoEF&CC vide No..F.No.1-4/2012-RE(Pt), dated 13.11.2013. New and expansion of commercial mining/quarrying projects are prohibited as per said notification. SEIAA therefore refered the file back to SEAC to reexamine the issue. Accordingly the propped is place before the committee.

Committee took note of the SEIAA proceedings and opined that part of project is located in Kunda village, which is part of the ESA of western Ghat. Committee opined any mining activities are prohibited in the villages notified as ESA proponent was asked to resubmit the proposal if feasible out side the ESA as declared by MOEF & CC vide notification dated 13.11.2013.

Hence the Committee decided to defer the appraisal of the project proposal.

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257.68. Proposed Building Stone Quarry Project at Sy.No.24(P) of Vaddanahalli Village, Sira Taluk, Tumkur District (2-00 Acres) (Q.L.No.849) by Sri Bhaskar. C. S (SEIAA 818 MIN 2019)[SIA/KA/MIN/130002/2019]-Expansion Project .

It is proposal for expansion proponent remined absent for both 237th (02-01-2020) & 250th (7.08.2020) committee decided and recommended to SEIAA for closure of file.

On the request by proponent SEIAA during the 190th meeting held on 17th August 2020 decided to address a letter to KSPCB for certified report of compliance on the earlier EC conditions.

The Authority requested KSPCB to send a certified report of compliance to earlier EC conditions at the earliest vide letter No.SEIAA 818 MIN 2019 dated 28.08.2020. Member Secretary, KSPCB had submitted compliance to earlier EC conditions vide letter No.PCB/40/MIN/2020-21/262 dated 14.12.2020.

The subject was placed before meeting. The proponent and consultant attended the meeting. Proponent informed the committee of not making available the report to them. The committee during appraisal observed that as per the compliance report of KSPCB for some of the conditions there were no opinion and remarks the committee is of the opinion to seek the views of the proponent on the report to take further before taking further course of action.

Committee decided to defer the appraisal of the project proposal.

257.69. Building Stone Quarry Project, K.B. Hosahalli Village, Kolar Taluk, Kolar District -Proponent Sri K.M. Jayarama Reddy (SEIAA 03 MIN 2020)[SIA/KA/MIN/133971/2020]-Deferred Subject

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. K. M. Jayarama Reddy No. 342, Konena Agrahara, Hal Post, Bengaluru.
2	Name & Location of the Project	"Building Stone Quarry" Sy. No: 110, K. B. Hosahalli Village, Kolar Taluk, Kolar District, Karnataka

		Corner Pillar	Easting	Northing	Latitude	Longitude
		3	Co-ordinates of the Project Site	A	822460.1164	1451107.19
		B	822399.9656	1451135.234	N 13° 6' 33.92"	E 77° 58' 23.26"
		C	822403.4109	1451153.896	N 13° 6' 34.51"	E 77° 58' 23.40"
		D	822427.2777	1451156.42	N 13° 6' 34.60"	E 77° 58' 24.20"
		E	822410.692	1451241.057	N 13° 6' 37.37"	E 77° 58' 23.67"
		F	8224418.377	1451246.224	N 13° 6' 37.52"	E 77° 58' 24.70"
4	Type of Mineral	Building Stone Quarry				
5	New / Expansion / Modification / Renewal	Renewal (QL No. 696)				
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	0.444 Ha				
9	Actual Depth of sand in the lease area in case of River sand	NA				
10	Depth of Sand proposed to be removed	It's a Building Stone Quarry				
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	It's Fresh land				
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	23,297 Tons/annum				
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0 mtr i.e., 4,451cu.m topsoil to be produced in the area.				
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	475 TPA				
16	Project Cost (Rs. In Crores)	1.01 crores				

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17	Environmental Sensitivity			
	a.	Nearest Forest	No Forest within 5 Kms	
	b.	Nearest Human Habitation	K. B. Hosahalli - 1.94 Kms (SW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Kolar - 16.40 Km (E)	
	d.	Water Bodies	Nandagudi Pond - 0.52 (N) Bellur Pond - 3.15 Kms(NE)	
	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	0-14	
	b.	Waste Dumping Area	0-01	
	c.	Mineral Storage Area		
	d.	Infrastructure Area	0-01	
	e.	Topsoil Yard		
	e.	Road Area	0-01	
	f.	Buffer Zone	0-27	
	g.	Unexplored area	--	
	h.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	7.68 KLD
			Domestic	0.45 KLD
			Other	1.22 KLD
			Total	9.35 KLD
23	Storm water management plan		<ul style="list-style-type: none"> • 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 proponent not attended for the 239th meeting held on 12-02-2020 to provide required clarification.

The committee after discussion decided to provide one more opportunity to proponent.



As seen from the records the area earmarked for 7.5meter buffer zone is 16guntas, whereas as per actual measurements of peripheral length it comes to 27guntas. When it was pointed out the proponent has agreed to comeback with proper clarification. Hence the committee decided to defer the appraisal of the project proposal.

Subsequent to the above proceedings the proponent has submitted modified quarry plan with actual measurements of buffer zone on 30.11.2020. The same is placed before the 257th SEAC meeting held on 02.03.2021.

The proponent has obtained NOC from Forest Department. The lease deed has been executed on 29-12-2005 mining from 2005-06 to 2010-11 & further no activity has been carried out and the same has been reflected in the audit report certified by DMG. As per the approved quarry plan proved quantity of 47,835 Cum (1,25,806 tons) can be mined to a quarry pit depth of 25 meters for lease period.

There is an existing cart track road to a length of 0.33KM connecting lease area to the all weather black topped road. proponent agreed to earmark Rs.1.25 lakh under CER to take up distribution of nursery plants, construction of Rain water harvesting pits in Government Lower primary school, Solar Power Panels in Government Lower primary school all at K. B. Hosahalli village, Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages and Health camp in nearby community places.

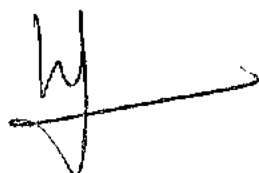
The proponent claimed exemption from cluster effect in view of the fact that this lease was granted prior to 9.9.2013. Committee decided to categorize this project is categorised as B2.

Considering the proved mineable reserve of 1,25,806 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 25090tonnes (Including waste).

257.70. Building Stone Quarry Project, Hosahalli Village, Kolar Taluk & District - Proponent Sri K.M. Jayarama Reddy (SEIAA 13 MIN 2020) [SIA/KA/MIN/134930/2020]-Deffered Subject.

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. K. M. Jayarama Reddy No. 342, Konena Agrahara, Hal Post, Bengaluru.

2	Name & Location of the Project	"Building Stone Quarry" Sy. No: 110, K. B. Hosahalli Village, Kolar Taluk, Kolar District, Karnataka				
3	Co-ordinates of the Project Site	Corner Pillar	Easting	Northing	Latitude	Longitude
		A	822311.000	1450986.000	N 13° 6' 29.11"	E 77° 58' 20.29"
		B	822242.000	1450988.000	N 13° 6' 29.21"	E 77° 58' 18.00"
		C	822247.687	1451023.147	N 13° 6' 30.34"	E 77° 58' 18.18"
		D	822313.665	1451017.539	N 13° 6' 30.12"	E 77° 58' 20.37"
4	Type of Mineral	Building Stone Quarry				
5	New / Expansion / Modification / Renewal	Renewal (QL No. 698)				
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	0.263 Ha				
9	Actual Depth of sand in the lease area in case of River sand	NA				
10	Depth of Sand proposed to be removed	It's a Building Stone Quarry				
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	906.21 mts RL				

13	Annual Production Proposed (Metric Tons/ CUM) / Annum	15,134 Tons/ annum	
14	Quantity of Topsoil/ Over burden in cubic meter	There is 1.0 mtr i.e., 2,600 cu.m. topsoil to be produced in the area.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	309 TPA	
16	Project Cost (Rs. In Crores)	0.86 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	No Forest within 5 Kms	
	b. Nearest Human Habitation	K. B. Hosahalli -0.50 Kms (NE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Kolar - 16.58 Km (E)	
	d. Water Bodies	Nandagudi Pond - 0.70 (NE) Bellur Pond - 3.42 Kms(NE)	
	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	0-14	
	b. Waste Dumping Area	0-02	
	c. Mineral Storage Area		
	d. Infrastructure Area		
	e. Road Area		
	f. Buffer Zone	0-10	
	g. Unexplored area	--	
	h. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water in KLD	Dust Suppression	7.43 KLD
		Domestic	0.405 KLD
		Other	1.22 KLD
		Total	9.055 KLD
23	Storm water management plan	<ul style="list-style-type: none"> • 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 	

257.71. Ordinary Sand Quarry Project ,Bhagodi Village, Chittapur Taluk, Kalaburagi District -Proponent Sri. SrimanthaJagadevappa Indi (SEIAA 115 MIN 2020) [SIA/KA/MIN/146881/2020]-TOR Project.

The proponent not attended the 247th meeting held on 10-07-2020 to provide required clarification. The committee after discussion decided to provide one more opportunity to the proponent and to appraised the project based on merit and deferred the project proposal.

Sl. No	PARTICULARS	INFORMATION																																	
1	Name & Address of the Project Proponent	Sri. Srimanth Jagadevappa Indi S/o Jagadevappa Indi , Horti Village, Indi Taluk, Vijayapura District.																																	
2	Name & Location of the Project	"Ordinary Sand Quarry" over an extent 9-10 Acres (3.743 Hectares) in Patta Land at Sy. No. 60/1 & 66/2 of Bhagodi Village, Chittapur Taluk, Kalaburagi District, Karnataka.																																	
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>P.No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N17°11'30.70" ✓</td> <td>E77°08'31.50" ✓</td> </tr> <tr> <td>B</td> <td>N17°11'30.60" ✓</td> <td>E77°08'31.70" ✓</td> </tr> <tr> <td>C</td> <td>N17°11'28.70" ✓</td> <td>E77°08'32.20" ✓</td> </tr> <tr> <td>D</td> <td>N17°11'27.60" ✓</td> <td>E77°08'32.60" ✓</td> </tr> <tr> <td>E</td> <td>N17°11'25.70" ✓</td> <td>E77°08'32.80" ✓</td> </tr> <tr> <td>F</td> <td>N17°11'23.10" ✓</td> <td>E77°08'32.60" ✓</td> </tr> <tr> <td>G</td> <td>N17°11'23.90" ✓</td> <td>E77°08'31.78" ✓</td> </tr> <tr> <td>H</td> <td>N17°11'23.60" ✓</td> <td>E77°08'31.50" ✓</td> </tr> <tr> <td>I</td> <td>N17°11'25.30" ✓</td> <td>E77°08'28.50" ✓</td> </tr> <tr> <td colspan="3" style="text-align: center;">DATUM: WGS84</td> </tr> </tbody> </table>	P.No	Latitude	Longitude	A	N17°11'30.70" ✓	E77°08'31.50" ✓	B	N17°11'30.60" ✓	E77°08'31.70" ✓	C	N17°11'28.70" ✓	E77°08'32.20" ✓	D	N17°11'27.60" ✓	E77°08'32.60" ✓	E	N17°11'25.70" ✓	E77°08'32.80" ✓	F	N17°11'23.10" ✓	E77°08'32.60" ✓	G	N17°11'23.90" ✓	E77°08'31.78" ✓	H	N17°11'23.60" ✓	E77°08'31.50" ✓	I	N17°11'25.30" ✓	E77°08'28.50" ✓	DATUM: WGS84		
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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																																	

The proponent not attended the 239th meeting held on 12-02-2020 to provide required clarification. The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to the proponent and project will be appraised based on merit, in case he remains absent again. Accordingly subject was deferred.

As seen from the records the mode of mining indicated includes blasting. The committee felt that such mode of mining involving blasting cannot be taken up in view of the very limited area after leaving the mandated buffer zone. For which the proponent has agreed to comeback with proper clarification. Hence the committee decided to defer the appraisal of the project proposal.

Subsequently proponent has submitted modified quarry plan with actual measurements of buffer zone on 30.11.2020.

The subject was appraised in the 257th SEAC meeting held on 2nd March 2021. The Committee noted that this is an existing lease involving Building Stone in Government land.

The proponent has obtained NOC from Forest Department. The lease deed has been executed on 29-12-2005 and as seen from audit certificate, proponent carried out mining from 2005-06 to 2010-11 and further no mining activity has been carried out, As per the approved quarry plan proved quantity of 35,740Cum (93,996 tons) can be mined to a quarry pit depth of 23 meters during the lease period.

There is an existing cart track road to a length of 0.58KM connecting lease area to the all weather black topped road. Proponent agreed to earmark Rs.1.05 lakh to take up distribution of nursery plants to construction of Rain water harvesting pits in Government Lower primary school, Solar Power Panels in Government Lower primary school all at K. B. Hosahalli village. Avenue plantation on either side of the approach road near Quarry site & Repair of road with drainages and Health camp in nearby community places.

The lease was granted prior to 9.9.2013. Hence the committee decided to categorize this project is categorised as B2.

Considering the proved mineable reserve of 93996 tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 15443tonnes (Including waste).



8	Area in Ha	3.743 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	3.5 m
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	Not Applicable For Patta land
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	Annual production will be 63,330 tonnes per annum of sand for 3 years
14	Quantity of Topsoil/ Over burden in cubic meter	Topsoil 1.5m and Sand upto a depth of 3.5m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	There is No reduction of waste.
16	Project Cost (Rs. In Crores)	1.55 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None Withini 5kms
	b. Nearest Human Habitation	Bhagodi Village - 1.90 Km (W)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chittapur - 8.30 Kms SE.
	d. Water Bodies	Kagna River - 0.14 Kms (E)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	3.156
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	--
	e. Infrastructure Area	--
	f. Road Area	--
	g. Buffer Zone	0.587
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation

21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.95KLD
			Domestic	0.80 KLD
			Other	0.55 KLD
			Total	4.3 KLD
23	Storm water management plan		<ul style="list-style-type: none"> • 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 proponent has stated that he has obtained NOCs from Forest and Revenue Department. The lease has been notified on 24.01.2020.

As per the cluster sketch certified by DMG there are two leases including this lease and the total area of the two leases is 49-10Acres, which is more than the threshold limit of 5 Ha. Committee decided to categorize the project under B1 category and decided to recommend the proposal to SEIAA for issue of standard TORs for conducting EIA study

Reconsidered Projects

257.72. Establishment of API's & Intermediates Manufacturing Industry and R&D for Custom Synthesis Project at Plot No.4-P of Gadwanthi Village, Humnabad KIADB Industrial Area, Humnabad Taluk, Bidar District - M/s. SEUTIC PHARMA PVT. LTD. (SEIAA 57 IND 2020)

It is a proposal seeking Environmental Clearance for proposed establishment of APIs and Intermediates manufacturing industry with R&D for custom synthesis at plot N.4-P, Gadvanti Village, Humnabad KIADB industrial area, Humnabad Taluk, Bidar District, Karnataka by M/s. Seutic Pharma Pvt Ltd.

The total plot area is 14170.25 Sqm. The proponent has stated that he will develop greenbelt in an area of 4773.52 Sqm i.e., 33.68 %. The estimated cost of the proposed project is Rs. 15.05 Crores.

The total fresh water requirement for the project is 105.5 KLD, and it will be met through KIADB. The waste water generation will be 47.5 KLD, out of which 4.5 KLD will be the domestic sewage. Domestic sewage will be treated in modular STP and treated sewage will be used for gardening. The industrial effluent will be 43 KLD. Trade effluent

will be segregated in to HTDS of 25 KLD and LTDS of 18 KLD. HTDS effluents will be treated in Solvent stripper, MEE of 30 KLD capacity followed by centrifuge. Condensate of MEE & Centrifuge will be treated in Biological ETP of 50 KLD capacity along with LTDS effluents. For tertiary treatment RO will be provided. RO permeate will be sent to total water makeup. RO rejects will be sent to MEE.

Power requirement will be 700 KVA and will be met from GESCOM, a Branch of Karnataka State Power Distribution Corporation Limited (KPTCL). It is proposed to install 850 KVA DG set as standby during power failure. It is proposed to install 5 TPH Briquette fired boiler, 1 lakh Kcal/hr capacity Thermic fluid heater and 3 No's of scrubbers for controlling process emission.

The proponent clarified that Hazardous waste generated from proposed facility, which is used oil of 0.02 Kl/month, will be disposed through KSPCB authorized re-cycler; Inorganic solid waste of 2.6 TPM and process waste of 16.95 TPM will be handed over for Co-processing to cement industry; Spent Carbon and hyflo of 1.91 TPM will be handed over to brick manufacturers; Spent Catalyst of 0.14 TPM will be sent for reactivation to manufacturer/recyclers; Spent solvent of 1.7 TPM and Distillation residue 4.31 TPM will be disposed through authorized recyclers/ Co-processing to cement industry; ETP sludge of 0.3 TPM and centrifuge salts of 6 TPM will be sent to TSDF; Detoxified containers of 850 Nos./month will be sent to authorized recycler/Re-use.

This Project/Activity is covered under category B of item 5(f) "Synthetic Organic Chemical Industry" of the schedule to the EIA Notification, 2006. The Committee decided that the project should be treated as B2 category activity in accordance with the Notification S. O. 3636 (E) dated 15.10.2020.

The Committee after discussion decided to reconsider the proposal for further appraisal after submission of the following information.

1. Layout plan with details of area of raw material storage, machinery and equipment area etc.
2. Material balance / mass balance for each product with quantities of distillate residue, solvent recovery and fugitive emissions etc. to be provided.
3. 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.
4. Rectified classification of drugs proposed to be manufactured.
5. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.
6. Clarification regarding source of water and revised water balance.
7. Describe the measures proposed for in-house recovery of solvents mentioning the efficiency of recovery.
8. Handling of Arsenic and Cyanide compounds if any may be detailed and submitted.
9. For Boiler fuel Explore the possibility of using eco-friendly fuel such as CNG /Solar power/Briquettes instead of furnace oil.
10. Explore the alternatives to toluene if used.

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11. Details of activities to be undertaken under CER with budget and timeframe.
12. Post Monitoring plan to be detailed.

The proponent submitted replies on 04.02.2021. The replies submitted by the proponent were placed before the 257th SEAC meeting held on 02.03.2021 for appraisal. The Proponent and Environment Consultant attended 257th SEAC meeting held on 02.03.2021.

The replies submitted by the proponent were perused, after discussion and deliberation committee accepted the replies and decided to recommend the proposal to SEIAA for issue of Environmental clearance.

By Permission of Chair

257.73. Laterite Stone (Red Stone) Quarry Project, Kanyana Village, Baantwal Taluk, Dakshina Kannada District Proponent- Sri B.M. Shoukath Ali (SEIAA 382 MIN 2020) [SIA/KA/MIN/184886/2020]-Deferred Project.

Sri. B.M. Shoukath Ali has applied for Environmental clearance from SEIAA for quarrying of Laterite Stone (Red Stone) at Sy.No.380/1, 380/2, 380/3 & 381/2 of Kanyana Village, Bantwala Taluk, Dakshina Kannada District an area of 8.36 Acres of Patta Land.

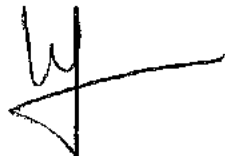
The subject was appraised in the 256th SEAC meeting held on 04.02.2021. The Committee noted that this is a new lease involving Laterite Stone (Red Stone) mining in pattaland. The project site is located at a distance of 34 meters from the border of the Kerala State.

The committee observed that, the cluster area of 500 meters covers both Karnataka and Kerala states. Proponent submitted a cluster sketch certified by Deputy Director, DMG, Mangalore, Karnataka. However cluster certificate certified by DMG Authorities of Kerala State was not submitted. The committee opined that the cluster certificate/sketch by concerned Authority of Kerala Govt is necessary to know any mining leases within in 500 meters from the subject lease and which extends beyond the border of Karnataka and into state of Kerala for appraisal.

The proponent submitted an endorsement signed by Geologist, DMG, Kasargod, Kerala State that there is no quarrying permit issued for laterite building Stone quarry to any person in RS No.30 of Bayar village of Manjeshwar Taluk of Kasargod District for the last one year. Committee informed the proponent about the necessity of cluster certificate from the state of Kerala to comply with guidelines issued by MoEF & CC. Proponent agreed to approach DMG Authorities of Kerala State once again and submit. Committee decided to recall the project proponent after the submission of the cluster sketch/certificate from Department of Mines & Geology Kerala State.

Subsequently, proponent submitted letter dated 18.02.2021 of Geologist Kasarkod , Kerala State.

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As per the Cluster sketch certified by Geologist, DMG, Kasargod, Kerala vide letter dated 18.02.2021 no quarrying permit is given for any mining activity for area falls in Kerala state within 500meter from the lease area under consideration. The committee opined that, as per the Cluster sketches provided by DMG's of Kerala and Karnataka States there are no other leases within the radius of 500 mts from this lease area. The area of the subject lease is less than the threshold limit of 5 Ha, project is categorised as under B2

The proponent has obtained NOCs from Forest and from, Revenue Dept. land conversion order. The lease was issued on 21.03.2020 for 20years. As per the approved quarry plan proposed proved quantity of 1459837tons can be mined to a quarry pit depth of 11meters for lease period.

There is an existing cart track road of 485mtr connecting lease area to the all-weather black topped road. Proponent agreed to earmark Rs. 3.00 Lakhs under CER to construct Check Dams (2 No.) at a suitable locations, to the second order stream, located at a distance of 106m and 156m on north side, with locally available boulders.

Considering the proved mineable reserve of 1459837tonnes (Including waste) as per the approved quarry plan, the committee estimated the life of the mine as 6 years. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment Clearance for an annual average production of 102038tonnes (Including waste).

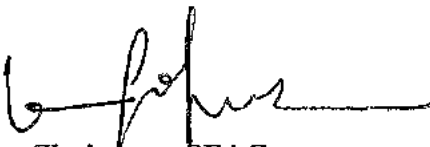
257.74. Certified Compliance for Expansion projects-Reg

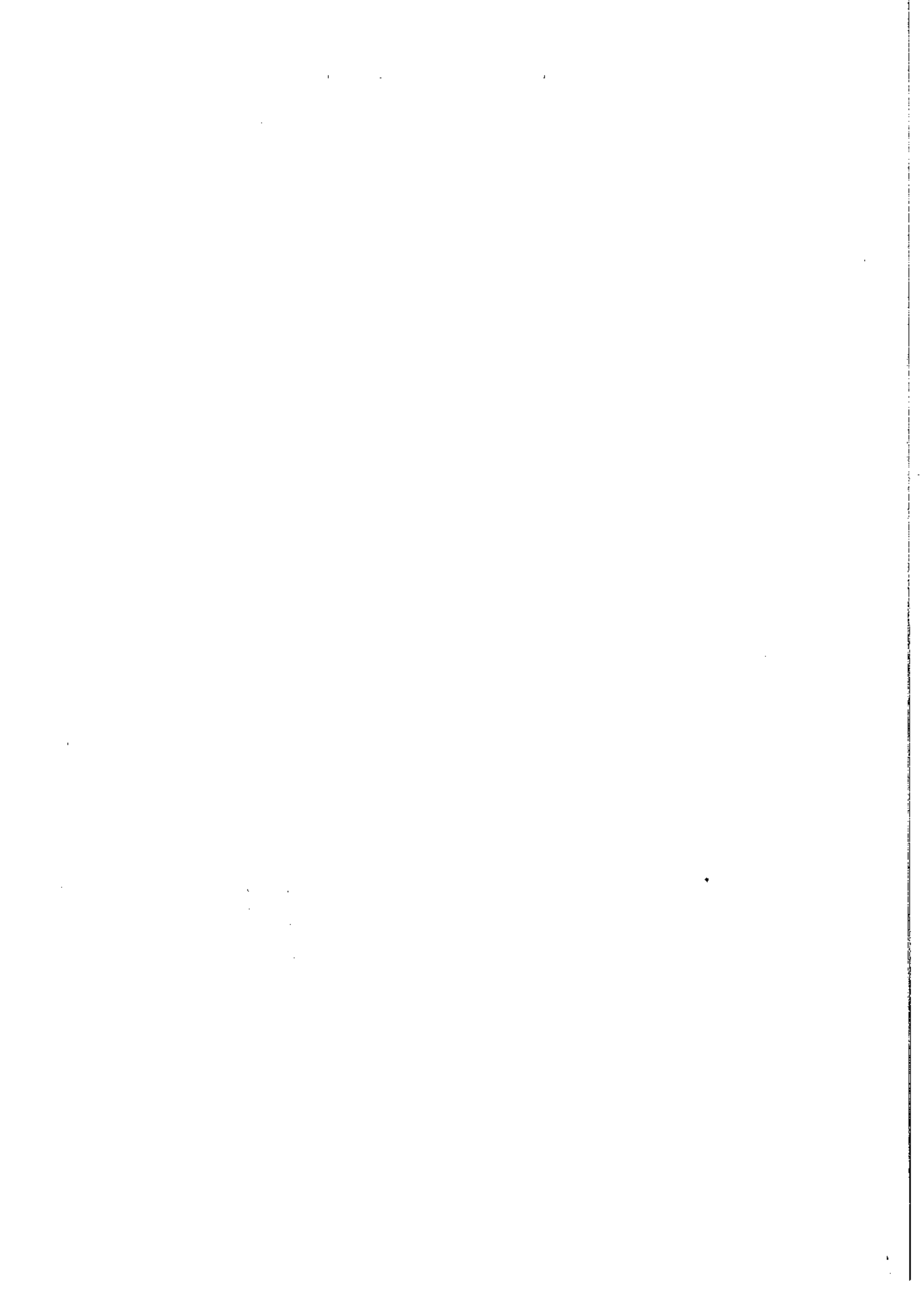
Committee opined projects under expansion and seeking letter from SEIAA to KSPCB to consider issue of certified compliance report need not be invited for the meeting and need not be placed before the meeting.

Further committee authorised Member Secretary, SEAC, to write to SEIAA for such projects under expansion in getting certified compliance report from KSPCB.

The meeting concluded with vote of thanks to all.


Member Secretary, SEAC
Karnataka


Chairman, SEAC
Karnataka



**ASSESSMENT OF ECOLOGICAL DAMAGE, REMEDIATION PLAN
AND NATURAL AND COMMUNITY RESOURCE AUGMENTATION
PLAN**

INTRODUCTION

Any change in the environmental attributes contributing in beneficial or harmful way is an Environmental Impact, which is caused due to proposed or existing developmental activities such as construction, demolition, renovation, production, mining etc. Extending an existing structure, increasing in the rate of production in an existing industry or proposing a new structure or an industry will have a significant impact on the environmental attributes. Comprehensively predicting and evaluating the impacts in various aspects that are likely to occur by comparing the existing quality of environmental attributes with their condition in the post-project stage will help in adoption of appropriate mitigation measures to overcome the consequences.

This report presents the assessment and quantification of the damages caused due to increase in production of bulk drugs by M/s. Syntho Chirals Pvt. Ltd, possible restoration measures that are required to be adopted to overcome the damages caused and cost incurred in that.

PROJECT & VIOLATION DETAILS

M/s. Syntho Chirals Pvt. Ltd., was established in the year of 2007 and had obtained CFO for manufacturing Bulk drugs with a capacity of 3 MTPM. The industry had not obtained Environmental Clearance and Consent for Establishment in the name of M/s. Syntho Chirals Pvt. Ltd for the stated productions. As per the EIA Notification 2006, the industry should have obtained Environmental Clearance to take up the production, but industry started manufacturing without obtaining Environmental Clearance.

The project falls in the activities listed under the EIA notification, 2006 hence does require prior Environmental Clearance under the EIA notification. The proposed project

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is covered under activity 5 (f) "Synthetic organic chemicals industry" of Category-"B" of MoEF as per the EIA notification vide gazette no. S.O. 1533 dated 14th September, 2006. Hence the proposed project has to obtain environmental clearance from SEIAA, Karnataka, without which it is treated as violation. As per the EIA Notification No.S.O.804 (E) dated 14th March 2017, Notification No. S.O.1030 (E) dated 8th March 2018; the industries who have taken up production of API's without obtaining Environmental Clearance are treated as violation.

CHRONOLOGY OF THE INDUSTRIAL ACTIVITY

- KIADB allotted land to M/s. Karthik Fine Drugs Pvt. Ltd. in the year of 1994.
- M/s. Karthik Fine Drugs Pvt. Ltd obtained Environmental Clearance from MoEF letter dated 12th October 1998. File No. J-11012/28/96-IA.II (I).
- M/s. Syntho Chirals Pvt. Ltd purchased the plant from Karthik Fine Drugs in the year of 2007 and obtained CFO dated 02.07.2008 for manufacturing bulk drugs of 15 products for which Karthik Fine Drugs had taken Environmental Clearance and subsequently renewed which is valid upto 2017.
- Subsequently, industry was visited by Secretary, SEIAA, Karnataka and Member Secretary, KSPCB on 28th & 29th April 2016 as compliant against industrial activities subject to pollution of groundwater in and around the Kolhar industrial area is made to legislation petition committee.
- KSPCB has issued closure order to the industry to stop the industrial operation or process with letter dated 10.6.2016.
- M/s. Syntho Chirals Pvt. Ltd had applied for an Environmental Clearance and TOR application is submitted to SEIAA, Karnataka dated 11.7.2016. File No. SEIAA 29 IND 2016.
- Accordingly, the Terms of Reference (TOR) were issued vide letter dated 30.08.2016.
- SEAC committee members along with KSPCB officers visited the industry for inspection on 4.10.2016 and reported observation as well as recommendation.

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- As per Notification No. S.O 804(E) dated 14.3.2017, SEIAA Karnataka decided to close the file as it is a case of violation and received letter from SEIAA dated on 28.4.2017.
- M/s. Syntho Chirals Pvt. Ltd have not filed the application to MoEF, Delhi.
- As per the MoEF new Notification dated 8th March 2018, all the violation cases have been forwarded to individual state subject to Categorization in EIA Notification 2006.
- The proponent have now submitted an application on 13th April 2018 to SEIAA, pursuant to the Notification dated 8th March 2018 issued by the MOEF&CC, Government of India transferring the B category activities involving violations to SEIAA.
- SEIAA has issued the TOR (Terms of Reference) vide File. No. SEIAA 18 IND (VOIL) 2018 dated on 15th June 2018 for preparing Environmental Impact Assessment (EIA) report along with public hearing (as per orders of 13.10.2017 & 14th March, 2018 of Hon'ble High Court of Judicature at Madras in WP No.11189 of 2017) and Office Memorandum F.No. Z-11013/22/2017-IA.II (M) dated 15th March 2018 and 16th March 2018 covering all the aspects of assessment of ecological damage, remediation plan and natural and community resource augmentation plan including the estimation of amount required for remediation plan and Natural and Community Resource Augmentation Plan.
- As per OM dated 12.11.2020, the EAC/SEACs has declared that Public hearing has to be conducted only for those categories of projects for which the EIA notification 2006 itself requires public hearing to be conducted. Hence the proposed Expansion of API's manufacturing facility does not require Public Hearing.

PURPOSE OF THE STUDY

The Terms of Reference (TOR) were granted to the project by SEIAA vide letter SEIAA 18 IND (VIOL) dated 15.06.2018 to conduct the EIA studies to obtain the Environmental Clearance for projects under EIA notification-2006. SEIAA also

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recommended to assess the damages caused to the Environmental Attributes like Air, Water, Soil, Ecology etc as per the Notification No.S.O.804 (E) dated 14th March 2017, Notification No.S.O.1030 (E) dated 8th March 2018 and preparing a remediation plan and natural resources augmentation plan corresponding the damages assessed.

In compliance with the above, impacts on environmental attributes due to increase in production capacity and respective remedies and mitigation plans are discussed in this chapter.

ASSESSMENT OF THE DAMAGES AND REMEDIATION PLAN

The impacts on the environmental attributes can be broadly classified into two:

- Damages during construction
- Damages during operation

DAMAGES DURING CONSTRUCTION PHASE

M/s. Syntho Chirals Pvt. Ltd is the existing industry located at Plot no. 53B & 54P, KIADB Kolhar Industrial Area, Bidar Taluk & District, Karnataka - 585 401. In the process of assessing the damages to the environmental attributes, possible environmental impacts during construction phase have been considered/addressed and detailed in the table below.



TABLE - 1: PROBABLE IMPACTS DURING CONSTRUCTION PHASE

Sl. No.	Environmental Impact	Probable Damages	Damage Caused	Remarks
1.	Loss of Topsoil	All the construction activities start with site clearance and levelling, hence top soil of the site will be removed resulting in reduction of the fertility level of the soil at site.	NA	M/s. Syntho Chirals Pvt. Ltd is the existing industry hence no construction activity involved during the change of product mix.
2.	Loss of Vegetation	All the construction activities start with site clearance and removal of trees and shrubs; hence green belt of the site will be removed resulting in loss of vegetation cover at site.	NA	
3.	Due to change in land use pattern	Loss of vegetation and impact on Flora and Fauna	NA	
4.	Diverging course of natural drainage	Occurrence of flood due to change in the water course and soil erosion.	NA	
5.	Impact on air quality	Generation of dust and particulate matter due to construction activities and vehicular movements.	NA	
6.	Impact on human health	Effect on environmental attributes will have a significant impact on human health	NA	

M/s. Syntho Chirals Pvt. Ltd is the existing unit since 2007 and the violation activity includes production of Bulk drugs without obtaining environmental clearance in the name of M/s. Syntho Chirals Pvt. Ltd. Therefore, damage during the construction is insignificant.

DAMAGES DURING OPERATIONAL PHASE

M/s. Syntho Chirals Pvt. Ltd had consent for operation for manufacturing of Bulk drugs with a capacity of 3 MTPM. As per the EIA Notification 2006, the industry should have taken Environmental Clearance in the name of M/s. Syntho Chirals Pvt. Ltd before taking up any production, but the industry started manufacturing activities only by obtaining consents from time to time. As the industry is established in the year of 2007, environmental management systems were in place to handle different types of waste including air emissions, effluent and solid waste generated from the production activity. Production of Bulk drugs and Intermediates by the industry for the entire period is within the limits as per consents obtained from KSPCB that is 3 MTPM. Evaluation of the raw material requirement, production quantity and waste generation has been done and detailed in tables below.

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**TABLE - 2 DETAILS OF PRODUCTION QUANTITY, RAW MATERIAL USAGE AND WASTE GENERATION
FROM 2008 TO 2016**

Sl. No.	Year	Product name	Production quantity (kg)	Total Raw Material Usage (kg/annum)	Total Effluent generated (kg/annum)	Solid waste generation (kg/annum)	Solvent evaporation loss (kg/annum)
1	2008-09	Betamethasone Sodium Phosphate	34.8	292.3	167.4	--	8.35
	2009-10		34.8	292.3	167.4	--	8.35
	2013-14		11.5	96.6	55.3	--	2.8
	2015-16		10.0	84	48.1	--	2.4
Total			91.1	765.2	438.2	--	21.9
2	2008-09	Dexamethasone Sodium Phosphate	3.08	22.85	10.9	--	0.6
	2010-11		29	215.2	102.95	--	6.09
	2012-13		1.5	11.1	5.3	--	0.3
	2013-14		10	74.2	35.5	--	2.1
	2015-16		30	222.6	106.5	--	6.3
Total			73.58	545.95	261.15	--	15.39
3	2008-09	Pyrazineamide	256	7149.511	4494.22	1166.22	93.9
	2009-10		1301	36334.04	22839.8	5926.78	477.03
	2010-11		865	24157.53	15185.6	3940.56	317.17
	2013-14		222	6200	3897.33	1011.33	81.4

	2014-15		7500	209458.3	131667	34166.7	2750
	2015-16		9694.5	270745.8	170192	44163.8	3554.7
	2016-17		1090	30441.28	19135.56	4965.56	399.67
	Total		20928.5	584486	367412	95341	7673.87
4	2009-10	Betamethasone	33	333.96	129.36	--	19.8
	2015-16	Valerate	38	384.56	148.96	--	22.8
	Total		71	718.52	278.32	--	42.6
5	2014-15	Acyclovir	276	4756.9	1197.35	--	73.06
	2015-16		563	9703.5	2442.43	--	149.03
	2016-17		95	1637.35	412.13	--	25.15
	Total		934	16097.8	4051.91	--	247.24
6	2014-15	P-Panthenol	174	1367.64	--	--	90.48
	2015-16		1299	10210.14	--	--	675.48
	2016-17		290	2279.4	--	--	150.8
	Total		1763	13857.2	--	--	916.76
7	2009-10	Alendronate Sodium	95.8	1765.27	1650.3	657.83	25.55
8	2009-10	Betamethasone Di Propionate	18	251.64	143.64	--	7.2
9	2015-16	Ketoconazole	312	8867.63	1505.4	57.525	302.3
	2016-17		100	2842.18	482.5	18.44	96.87
	Total		412	11709.8	1987.9	75.965	399.17

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TABLE-3: DETAILS OF YEARLY GENERATION OF EFFLUENT AND ITS TREATMENT

Sl. No.	Production Year	Total Effluent generated (KL/A)	Total capacity to treat Effluent (KL/A)	Excess Effluent discharged into Environmental Attributes (KL)
1.	2008-09	4.67	1825	0
2.	2009-10	24.93	1825	0
3.	2010-11	15.29	1825	0
4.	2011-12	--	1825	0
5.	2012-13	0.0053	1825	0
6.	2013-14	3.99	1825	0
7.	2014-15	132.86	1825	0
8.	2015-16	174.39	1825	0
9.	2016-17	20.03	1825	0
Total		376.16		0.00

TABLE-4: DETAILS OF YEARLY GENERATION OF SOLID WASTE AND TREATMENT

Sl. No.	Production Year	Total Solid waste generated (MT/A)	Total capacity to treat Solid Waste (MT/A)	Excess Residue Solid Waste disposed into the Environmental Attributes (MT)
1.	2008-09	1.16	1.9	0
2.	2009-10	6.58	1.9	4.68
3.	2010-11	3.94	1.9	2.04
4.	2011-12	0	1.9	0
5.	2012-13	0	1.9	0
6.	2013-14	1.01	1.9	0
7.	2014-15	34.16	1.9	32.26
8.	2015-16	44.22	1.9	42.32
9.	2016-17	4.98	1.9	3.08
Total		96.05		84.38

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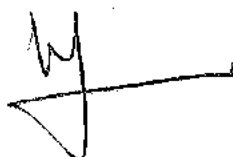


TABLE-5: DETAILS OF YEARLY LOSS OF SOLVENT DURING DISTILLATION

Sl. No.	Production Year	Total Solvent loss during distillation (kgs)
1.	2008-09	102.86
2.	2009-10	537.93
3.	2010-11	323.25
4.	2011-12	0
5.	2012-13	0.315
6.	2013-14	86.26
7.	2014-15	2913.54
8.	2015-16	4712.91
9.	2016-17	672.49
Total		9349.55

TABLE - 6 COAL USED IN BOILER

Sl. No.	Year	Quantity (MT/year)
1.	2008-09	259.2
2.	2009-10	259.2
3.	2010-11	259.2
4.	2011-12	0
5.	2012-13	259.2
6.	2013-14	259.2
7.	2014-15	259.2
8.	2015-16	259.2
9.	2016-17	259.2
Total		2073.6

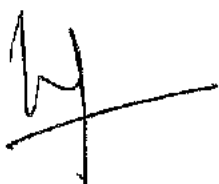
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TABLE - 7 AIR EMISSION FROM COAL

Sl. No.	Pollutant	Quantity Generated (MT)
1.	CO ₂	710.52
2.	SO ₂	4.15
3.	NO _x	1.06
4.	PM	1.35

TABLE - 8: ANALYSIS OF RETRIBUTION COST FOR EFFLUENT PRODUCTION:

Sl. No.	Particulars (Pollutants)	Total discharge of effluent from production carried (KL)	Retribution Rate (Rs/L)	Retribution Amount (Rs)
1	Industrial Effluent	376.16	2	7,52,320

TABLE - 9: ANALYSIS OF RETRIBUTION COST FOR SOLID WASTE PRODUCTION:

Sl. No.	Particulars (Pollutants)	Total generation from production carried (MT)	Retribution Rate (Rs/MT)	Retribution Amount (Rs)
1	Solid Waste	84.38	1200	1,01,256

TABLE - 10: ANALYSIS OF RETRIBUTION COST FOR SOLVENT EVAPORATION:

Sl. No.	Particulars (Pollutants)	Total solvent evaporation from production carried (MT)	Retribution Rate (Rs/MT)	Retribution Amount (Rs)
1	Solvent	9.35	1920	17,952

TABLE - 11: ANALYSIS OF RETRIBUTION COST FOR AIR EMISSIONS:

Sl. No.	Particulars (Pollutants)	Total emission for excessive production carried (MT)	Retribution Rate (Rs/MT)	Retribution Amount (Rs)
1.	CO ₂	710.52	Rs. 640	454732.8
2.	SO ₂	4.15	Rs. 1280	5312

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3.	NO _x	1.06	Rs. 1280	1356.8
4.	PM	1.35	Rs. 1280	1728
TOTAL				4,63,129.6

Note: Carbon credit of 8 Euros per tonnes of carbon considered and accordingly considered for other pollutants.

TABLE - 12 TOTAL COST OF THE DAMAGES FROM DIFFERENT WASTES GENERATED FROM THE ACTIVITY.

Sl. No.	Type waste	Amount in Rupees
1.	Industrial Effluent	7,52,320
2.	Solid Waste	1,01,256
3.	Solvent	17,952
4.	Air Emissions	4,63,129.6
TOTAL		1334657.6

TABLE - 13: ENVIRONMENTAL DAMAGE REMEDIATION PLAN AND COSTING

Sl. No	Particulars & their origin	Anticipated Activities leading to damage	Studies out come with respect to environmental pollutants	Remediation Plan
1.	Deforestation: At the time of expansion of existing manufacturing unit.	Cutting trees, clearing vegetation cover etc.	M/s Syntho Chirals Pvt Ltd., is an existing industry hence no construction activity has damaged the environment, as the construction activity has been carried out within the premises of the industry.	NA
2.	Change of Topography: At the time of expansion of existing	Levelling of ground, excavation of soil etc.	M/s Syntho Chirals Pvt Ltd., is an existing industry hence no construction activity has damaged the natural topography, as the	NA

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	manufacturing unit.		construction activity has been carried out within the premises of the industry.	
3.	Soil Erosion: At the time of expansion of existing manufacturing unit.	Removal of vegetation cover, changing natural drainage pattern etc.	M/s Syntho Chirals Pvt Ltd., is an existing industry hence no construction activity has lead to soil erosion, as the construction activity has been carried out within the premises of the industry.	NA
4.	Loss of Vegetation: At time of establishment of industry in the year 2008	Site clearance, excavation of soil etc.	M/s Syntho Chirals Pvt Ltd., is an existing industry hence no construction activity has lead to loss of vegetation cover, as the construction activity has been carried out within the premises of the industry.	NA
5.	Air Pollution: <ul style="list-style-type: none"> • Manufacturing units • Boilers • DG Sets • Transportation 	<ul style="list-style-type: none"> • Release of Green House Gases into the atmosphere. • Emission of particulate matters causing cardiovascular effects including heart attacks and associated mortalities. 	Air emissions that have been generated from the activities includes Manufacturing, Boilers, DG Sets have been controlled by providing the pollution control equipments as per the Consent For operation issued by the Karnataka state pollution Control Board. During the study period air environment in and around the industry premises have been analyzed and not found any traces of pollutants above the NAAQS.	NA
6.	Water Pollution: <ul style="list-style-type: none"> • High TDS • Low TDS • Used water • Sewage 	<ul style="list-style-type: none"> • During the operational phase major concern is domestic sewage and waste water generated from 	Effluent discharge that have been generated from the activities includes process wastewater, washing, domestic effluent and wastewater generation from the utilities have been	NA

		<p>various processes.</p> <ul style="list-style-type: none"> • The release of waste water contaminates ground water. The waste water having high BOD & COD, if released without treatment reduces the DO level of the receiving water body. 	<p>controlled by providing the treatment units within the industry as per the Consent For operation issued by the Karnataka state pollution Control Board. During the study period bore well water and soil in and around the industry pre premises have been analyzed and not found any traces of pollutants with respect to the activities.</p>	
7.	<p>Soil Pollution:</p> <ul style="list-style-type: none"> • Municipal Solid Waste & Hazardous waste 	<ul style="list-style-type: none"> • Improper Disposal of Municipal Solid Waste generated by the inhabitants of the industry. • Disposal of hazardous wastes generated during the production such as chemical sludge, spent solvent, process residues etc., causing serious damage to the soil environment. 	<p>All the Municipal Solid Waste & Hazardous waste that has been generated was stored in the designated area within the industry and it has been sent to respective vendors. MoU copy of the same has been enclosed along with EIA report.</p>	NA
8.	<p>Noise Pollution:</p> <ul style="list-style-type: none"> • Manufacturing units • Vehicles • Boilers • DG Sets • Reactors • Air compressors. 	<ul style="list-style-type: none"> • During the operational phase because of machinery and vehicular movements, unwanted noise & vibrations are released in the 	<ul style="list-style-type: none"> • Since the unit was existing and located at the KIADB industrial area with all the precautionary measures to mitigate the impact from the noise pollution, no incidents that have been occurred about the health issues and 	NA

		atmosphere, causing health issues and discomfort to the people living in the surrounding areas.	discomfort to the people living in the surrounding area	
9.	Health of Employees.	<ul style="list-style-type: none"> • Employees working for excessive production need more space for their basic amenities, lack of which is causing discomfort to them. 	<ul style="list-style-type: none"> • Since the unit was existing and located at the KIADB industrial area with all the precautionary measures to mitigate the impact from the noise pollution, no incidents that have been occurred about the health issues and discomfort to the people living in the surrounding area 	NA

Environmental remediation deals with the removal of pollution or contaminants from environmental media such as soil, groundwater, sediment, or surface water. To help with environmental remediation, one can get environmental remediation services. These services help eliminate radiation sources in order to help protect the environment.

M/s. Syntho Chirals Pvt Ltd., is an existing industry which is established in the year of 2007. The industry had obtained consent for operation for manufacturing of 15 products with a total production quantity of 3 TPM from the Karnataka State Pollution Control Board, where the generated wastes and emissions are monitored by the Board. But as per EIA Notification-2006 the Industry should have obtained Environmental Clearance in the name of M/s. Syntho Chirals before taking up any of these productions. The industry has carried out the production during the year of 2008 to 2016 under the environmental management systems existed within the industry to take care of air emissions, effluent and solid waste generations. During the EIA study period all the environmental attributes have been monitored, analyzed and results have been interpreted which shows no presence of pollutants/ contaminants in any of the attributes. Since there is no presence of pollutant/ contaminants in any of the attributes, cost has not been allocated

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for remediation plan instead cost has been worked out for Natural and Community Resource Augmentation Plan and shown in the subsequent table.

TABLE - 14: NATURAL AND COMMUNITY RESOURCE AUGMENTATION PLAN

Sl. No	Environmental Attribute	Augmentation Activity	Budget Allocation
1.	Air	<ul style="list-style-type: none"> • Developing green belt to reduce air pollution levels. • Monitoring Ambient Air Quality • Arranging free medical checkups to take care of public health. 	2,00,000
2.	Water	<ul style="list-style-type: none"> • Supplying potable water to the locality • Providing storm water drainage system with natural gradient and sufficient number of recharge pits. 	4,00,000
3.	Land/Soil	<ul style="list-style-type: none"> • Disposing Municipal Solid Waste at right place and using waste food for cattle feeding. • Disposing hazardous waste materials as per Hazardous Waste Management Rules 1989 	2,00,000
4.	Noise & Vibrations	<ul style="list-style-type: none"> • Monitoring Ambient Noise levels and maintaining them within the standards. • Constructing acoustic enclosures the machinery creating excessive noise and vibrations. • Supply workers with Personal Protective Equipments (PPEs). 	2,00,000
5.	Flora and Fauna	<ul style="list-style-type: none"> • Planting trees to reduce the concentration of pollution agents in the air, and developing green belt as a part of landscaping. • Preserving and maintaining the green belt by watering and maturing at appropriate time. 	1,35,000
6.	Socio economic	<ul style="list-style-type: none"> • Constructing shelters at bus stops and providing signage. 	2,00,000
TOTAL			13,35,000/-

**ASSESSMENT OF ECOLOGICAL DAMAGE, REMEDIATION PLAN
AND NATURAL AND COMMUNITY RESOURCE AUGMENTATION
PLAN**

INTRODUCTION

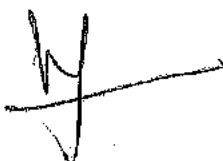
Any change in the environmental attributes contributing in beneficial or harmful way is an Environmental Impact, which is caused due to proposed or existing developmental activities such as construction, demolition, renovation, production, mining etc. Extending an existing structure, increasing in the rate of production in an existing industry or proposing a new structure or an industry will have a significant impact on the environmental attributes. Comprehensively predicting and evaluating the impacts in various aspects that are likely to occur by comparing the existing quality of environmental attributes with their condition in the post-project stage will help in adoption of appropriate mitigation measures to overcome the consequences.

This report presents the assessment and quantification of the damages caused due to manufacturing of Active Pharmaceutical Ingredients (API's) by M/s. GPR Life Sciences Private Limited, possible restoration measures that are required to be adopted to overcome the damages caused and cost incurred in that.

PROJECT & VIOLATION DETAILS

M/s. GRP Life Sciences Pvt. Ltd., was allotted an industrial land of 7543.5 sqm in the year of 2001. The industry had applied for CFE for manufacturing of API's and started manufacturing of products in trial basis. The industry has not obtained Environmental Clearance, Consent for Establishment and Consent for Operation for any of the stated productions. As per the EIA Notification 2006, the industry should have obtained Environmental Clearance to take up the production, but industry started manufacturing without obtaining Environmental Clearance.

The project falls in the activities listed under the EIA notification, 2006 hence does require prior Environmental Clearance under the EIA notification. The proposed project is covered under activity 5 (f) "Synthetic organic chemicals industry" of Category-"B" of



MoEF as per the EIA notification vide gazette no. S.O. 1533 dated 14th September, 2006. Hence the proposed project has to obtain environmental clearance from SEIAA, Karnataka, without which it is treated as violation. As per the EIA Notification No.S.O.804 (E) dated 14th March 2017, Notification No. S.O.1030 (E) dated 8th March 2018; the industries who have taken up change of product mix without obtaining Environmental Clearance are treated as violation.

CHRONOLOGY OF THE INDUSTRIAL ACTIVITY

- KIADB allotted land to M/s. GPR Life Sciences in the year of 30.03.2011.
- M/s. GPR Life Sciences submitted application to State Environmental clearance committee to obtain EC in the year 2012 with file no. FEE 9237 ENV-A 2012.
- As per the Govt. order No. FEE 132 ECO 2011, Bengaluru dated 17.10.2012, State Environmental clearance committee issued a letter mentioning that M/s. GPR Life Sciences Pvt. Ltd does not require Environmental Clearance since the investment was < 10 Crores.
- M/s. GPR Life Sciences applied for Consent for establishment dated 21 May 2013.
- The project was appraised by Technical appraisal committee, KSPCB in the 374th TAC meeting held on 28.10.2013 and recommended for CFE.
- The industry started plant construction after project recommended by Technical Appraisal Committee, KSPCB and have run the industry on trial basis for the production during 2013 without prior environmental clearance as required by EIA notification 2006.
- Subsequently KSPCB issued letter to obtain EC from competent authority dated 25.11.2014.
- M/s. GPR Life Sciences had applied for an Environmental Clearance and TOR application dated 13.04.2018 bearing proposal no. SIA/KA/IND2/24933/2018 addressed to SEIAA, Karnataka along with Form 1 & Pre-feasibility report as per EIA notification 2006.
- Accordingly, Terms of Reference (TOR) meeting was held on 19.05.2018.



- As per Notification No. S.O 1030(E) dated 08.03.2018, SEIAA Karnataka accords the approval of the Terms of References (ToR) in the meeting held on 01.06.2018.
- SEIAA has issued the TOR (Terms of Reference) vide File. No. SEIAA 17 IND (VOIL) 2018 dated on 15.06.2018 for undertaking Environmental Impact Assessment (EIA) & EMP report along with public hearing (as per orders of 13.10.2017 & 14th March, 2018 of Hon'ble High Court of Judicature at Madras in WP No.11189 of 2017) and Office Memorandum F.No. Z-11013/22/2017-IA.II (M) dated 15th March 2018 and 16th March 2018 covering all the aspects of assessment of ecological damage, remediation plan and natural and community resource augmentation plan including the estimation of amount required for remediation plan and Natural and Community Resource Augmentation Plan.
- As per OM dated 12.11.2020, the EAC/SEACs has declared that Public hearing has to be conducted only for those categories of projects for which the EIA notification 2006 itself requires public hearing to be conducted. Hence the proposed Active Pharmaceutical Ingredients (API's) manufacturing facility does not require Public Hearing.

PURPOSE OF THE STUDY

The Terms of Reference (TOR) granted to the project by SEIAA vide letter SEIAA 17 IND (VOIL) 2018 dated 15.06.2018 to conduct the EIA studies to obtain the Environmental Clearance for projects under EIA notification-2006. SEIAA also recommended to assess the damages caused to the Environmental Attributes like Air, Water, Soil, Ecology etc as per the Notification No.S.O.804 (E) dated 14th March 2017, Notification No.S.O.1030 (E) dated 8th March 2018 and preparing a remediation plan and natural resources augmentation plan corresponding to the damages assessed. In compliance with the above, impacts on environmental attributes due to change in product mix and respective remedies and mitigation plans are discussed in this chapter.

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ASSESSMENT OF THE DAMAGES AND REMEDIATION PLAN

The impacts on the environmental attributes can be broadly classified into two:

- Damages during construction
- Damages during operation

13.5.1 DAMAGES DURING CONSTRUCTION PHASE

M/s. GPR Life Sciences Pvt. Ltd is the existing industry located at Plot no. 63E & 66F, KIADB Industrial Area, Gadwanthi Village, Humnabad Hobli & Taluk, Bidar District, Karnataka. In the process of assessing the damages to the environmental attributes, possible environmental impacts during construction phase have been considered/addressed and detailed in the table below.

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TABLE-1: PROBABLE IMPACTS DURING CONSTRUCTION PHASE

Sl. No.	Environmental Impact	Probable Damages	Damage Caused	Remarks
1.	Loss of Topsoil	All the construction activities start with site clearance and levelling, hence top soil of the site will be removed resulting in reduction of the fertility level of the soil at site.	NA	M/s. GPR Life Sciences Pvt. Ltd is the existing industry hence no construction activity involved for proposed manufacturing of API's.
2.	Loss of Vegetation	All the construction activities start with site clearance and removal of trees and shrubs; hence green belt of the site will be removed resulting in loss of vegetation cover at site.	NA	
3.	Due to change in land use pattern	Loss of vegetation and impact on Flora and Fauna	NA	
4.	Diverting course of natural drainage	Occurrence of flood due to change in the water course and soil erosion.	NA	
5.	Impact on air quality	Generation of dust and particulate matter due to construction activities and vehicular movements.	NA	
6.	Impact on human health	Effect on environmental attributes will have a significant impact on human health	NA	

M/s. GPR Life Sciences Pvt. Ltd is the existing unit and the violation activity includes production of API's without obtaining environmental clearance, Consent for Establishment and Consent for Operation. Therefore, damage during the construction is insignificant.

DAMAGES DURING OPERATIONAL PHASE

M/s. GPR Life Sciences Pvt. Ltd had applied for Consent for Establishment and started manufacturing of APIs on trial basis from 2013. As per the EIA Notification 2006, the industry should have taken Environmental Clearance before taking up any production, but the industry started manufacturing activities without obtaining Environmental Clearance and consents from Pollution Control Board. As the industry is established in the year of 2013, environmental management systems were in place to handle different types of waste including air emissions, effluent and solid waste generated from the production activity.

Production of APIs by the industry for the entire 5 years is 845.903 MT. Evaluation of the raw material requirement, production quantity and waste generation has been done and detailed in tables below.



TABLE - 2 DETAILS OF PRODUCTION QUANTITY, RAW MATERIAL USAGE AND WASTE GENERATION

FROM 2012 TO 2017

Sl. No.	Year	Product name	Total Production Quantity (kg/annum)	Total Raw Material Usage (kg/annum)	Total Effluent generated (kg/annum)	Solid waste generation (kg/annum)	Solvent evaporation loss (kg/annum)
1	2012-13	Metformin	332005	713325.95	0	33768.88	9194.50
	2013-14		156895	337095.15	0	15958.10	4345.03
	2014-15		18025	66674.47	0	450.62	901.25
	2015-16		101840	218807.29	0	10358.34	2820.34
	2016-17		170788	366944.81	0	17371.18	4729.78
	Total		827878	1702847.67	0	77907.12	21990.9
2	2016-17	Paracetamol	18025	66674.47	9688.44	450.62	901.25
	Total		18025	66674.47	9688.44	450.62	901.25

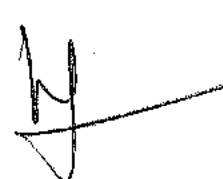



TABLE-3: DETAILS OF YEARLY GENERATION OF EFFLUENT AND ITS TREATMENT

Sl. No.	Production Year	Total Effluent generated (KL/A)	Total capacity to treat Effluent (KL/A)	Excess Effluent discharged into Environmental Attributes (KL)
1	2016-17	9.69	--	9.69
Total		9.69	--	9.69

TABLE-4: DETAILS OF YEARLY GENERATION OF SOLID WASTE AND TREATMENT

Sl. No.	Production Year	Total Solid waste generated (MT/A)	Total capacity to treat Solid Waste (MT/A)	Excess Residue Solid Waste disposed into the Environmental Attributes (MT)
1.	2012-13	33.77	--	33.77
2.	2013-14	16.40	--	16.40
3.	2014-15	10.36	--	10.36
4.	2015-16	17.37	--	17.37
5.	2016-17	6.75	--	6.75
Total		84.65	--	84.65

TABLE-5: DETAILS OF YEARLY LOSS OF SOLVENT DURING DISTILLATION

Sl. No.	Production Year	Total Solvent loss during distillation (MT)
1.	2012-13	9.19
2.	2013-14	5.24
3.	2014-15	2.82
4.	2015-16	4.73
5.	2016-17	1.84
TOTAL		23.82

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TABLE -6: COAL USED IN BOILER

Year	Quantity (MT/year)
2012-13	432
2013-14	432
2014-15	432
2015-16	432
2016-17	432
Total	2160

TABLE - 7: AIR EMISSION FROM COAL

Sl. No.	Pollutant	Quantity Generated (MT)
1.	CO ₂	1184.20
2.	SO ₂	6.91
3.	NO _x	1.76
4.	PM	2.23

TABLE -8: ANALYSIS OF RETRIBUTION COST FOR EFFLUENT PRODUCTION:

Sl. No.	Particulars (Pollutants)	Total discharge of effluent from production carried (KL)	Retribution Rate (Rs/L)	Retribution Amount (Rs)
1	Industrial Effluent	9.69	2	19,380

TABLE - 9: ANALYSIS OF RETRIBUTION COST FOR SOLID WASTE PRODUCTION:

Sl. No.	Particulars (Pollutants)	Total generation from production carried (MT)	Retribution Rate (Rs/MT)	Retribution Amount (Rs)
1	Solid Waste	84.65	1200	1,01,580




**TABLE - 10: ANALYSIS OF RETRIBUTION COST FOR SOLVENT
EVAPORATION:**

Sl. No.	Particulars (Pollutants)	Total solvent evaporation from production carried (MT)	Retribution Rate (Rs/MT)	Retribution Amount (Rs)
1	Solvent	23.82	1920	45,734.4

TABLE - 11: ANALYSIS OF RETRIBUTION COST FOR AIR EMISSIONS:

Sl. No.	Particulars (Pollutants)	Total emission for excessive production carried (MT)	Retribution Rate (Rs/MT)	Retribution Amount (Rs)
1.	CO ₂	1184.20	Rs. 640	7,57,888.0
2.	SO ₂	6.91	Rs. 1280	8844.8
3.	NO _x	1.76	Rs. 1280	2252.8
4.	PM	2.23	Rs. 1280	2854.4
TOTAL				7,71,840.0

Note: Carbon credit of 8 Euros per tonnes of carbon considered and accordingly considered for other pollutants.

**TABLE - 12 TOTAL COST OF THE DAMAGES FROM DIFFERENT WASTES
GENERATED FROM THE ACTIVITY.**

Sl. No.	Type waste	Amount in Rupees
1.	Industrial Effluent	19,380
2.	Solid Waste	1,01,580
3.	Solvent	45,734.4
4.	Air Emissions	7,71,840.0
TOTAL		9,38,534.4




TABLE - 13: ENVIRONMENTAL DAMAGE REMEDIATION PLAN AND COSTING

Sl. No	Particulars & their origin	Anticipated Activities leading to damage	Studies out come with respect to environmental pollutants	Remediation Plan
1.	Deforestation: At the time of expansion of existing manufacturing unit.	Cutting trees, clearing vegetation cover etc.	M/s. GPR Life Sciences Pvt Ltd., is the existing industry hence no construction activity has damaged the environment, as the construction activity has been carried out within the premises of the industry.	NA
2.	Change of Topography: At the time of expansion of existing manufacturing unit.	Levelling of ground, excavation of soil etc.	M/s. GPR Life Sciences Pvt Ltd., is the existing industry hence no construction activity has damaged the natural topography, as the construction activity has been carried out within the premises of the industry.	NA
3.	Soil Erosion: At the time of expansion of existing manufacturing unit.	Removal of vegetation cover, changing natural drainage pattern etc.	M/s. GPR Life Sciences Pvt Ltd., is the existing industry hence no construction activity has led to soil erosion, as the construction activity has been carried out within the premises of the industry.	NA
4.	Loss of Vegetation: At time of establishment of industry in the year 2008	Site clearance, excavation of soil etc.	M/s. GPR Life Sciences Pvt Ltd., is the existing industry hence no construction activity has led to loss of vegetation cover, as the construction activity has	NA

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			been carried out within the premises of the industry.	
5.	Air Pollution: <ul style="list-style-type: none"> • Manufacturing units • Boilers • DG Sets • Transportation 	<ul style="list-style-type: none"> • Release of Green House Gases into the atmosphere. • Emission of particulate matters causing cardiovascular effects including heart attacks and associated mortalities. 	<p>Air emissions that have been generated from the activities includes Manufacturing, Boilers, DG Sets have been controlled by providing the pollution control equipments as per the Consent For operation issued by the Karnataka state pollution Control Board. During the study period air environment in and around the industry premises have been analyzed and not found any traces of pollutants above the NAAQS.</p>	NA
6.	Water Pollution: <ul style="list-style-type: none"> • High TDS • Low TDS • Used water • Sewage 	<ul style="list-style-type: none"> • During the operational phase major concern is domestic sewage and waste water generated from various processes. • The release of waste water contaminates ground water. The waste water having high BOD & COD, if released without treatment reduces the DO level of the receiving water body. 	<p>Effluent discharge that have been generated from the activities includes process wastewater, washing, domestic effluent and wastewater generation from the utilities have been controlled by providing the treatment units within the industry. During the study period bore well water and soil in and around the industry pre premises have been analyzed and not found any traces of pollutants with respect to the activities.</p>	NA
7.	Soil Pollution:	<ul style="list-style-type: none"> • Improper Disposal of Municipal Solid 	<p>All the Municipal Solid Waste & Hazardous waste that has been generated was</p>	NA

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	<ul style="list-style-type: none"> • Municipal Solid Waste & Hazardous waste 	<p>Waste generated by the inhabitants of the industry.</p> <ul style="list-style-type: none"> • Disposal of hazardous wastes generated during the production such as chemical sludge, spent solvent, process residues etc., causing serious damage to the soil environment. 	<p>stored in the designated area within the industry and it has been sent to respective vendors.</p>	
8.	<p>Noise Pollution:</p> <ul style="list-style-type: none"> • Manufacturing units • Vehicles • Boilers • DG Sets • Reactors • Air compressors. 	<ul style="list-style-type: none"> • During the operational phase because of machinery and vehicular movements, unwanted noise & vibrations are released in the atmosphere, causing health issues and discomfort to the people living in the surrounding areas. 	<ul style="list-style-type: none"> • Since the unit was existing and located at the KIADB industrial area with all the precautionary measures to mitigate the impact from the noise pollution, no incidents that have been occurred about the health issues and discomfort to the people living in the surrounding area 	NA
9.	<p>Health of Employees</p>	<ul style="list-style-type: none"> • Employees working for excessive production need more space for their basic amenities, lack of which is causing discomfort to them. 	<ul style="list-style-type: none"> • Since the unit was existing and located at the KIADB industrial area with all the precautionary measures to mitigate the impact from the noise pollution, no incidents that have been occurred about the health issues and discomfort to the people living in the surrounding area 	NA

Environmental remediation deals with the removal of pollution or contaminants from environmental media such as soil, groundwater, sediment, or surface water. To help with environmental remediation, one can get environmental remediation services. These services help eliminate radiation sources in order to help protect the environment.

M/s. GPR Life Sciences Pvt Ltd., is an existing industry which is established in the year of 2013. The industry had applied for Consent for Establishment and started manufacturing of products in trial basis without obtaining Consent for Operation from Karnataka State Pollution Control Board. Also as per EIA Notification-2006 the Industry should have obtained Environmental Clearance before taking up any of these productions. The industry has carried out the production during the year of 2013 to 2017 under the environmental management systems existed within the industry to take care of air emissions, effluent and solid waste generations. During the EIA study period all the environmental attributes have been monitored, analyzed and results have been interpreted which shows no presence of pollutants/ contaminants in any of the attributes. Since there is no presence of pollutant/ contaminants in any of the attributes, cost has not been allocated for remediation plan instead cost has been worked out for Natural and Community Resource Augmentation Plan and shown in the subsequent table.

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TABLE - 14: NATURAL AND COMMUNITY RESOURCE AUGMENTATION PLAN

Sl. No	Environmental Attribute	Augmentation Activity	Budget Allocation
1.	Air	<ul style="list-style-type: none">• Developing green belt to reduce air pollution levels.• Monitoring Ambient Air Quality• Arranging free medical checkups to take care of public health.	2,00,000
2.	Water	<ul style="list-style-type: none">• Supplying potable water to the locality• Providing storm water drainage system with natural gradient and sufficient number of recharge pits.	2,50,000
3.	Land/Soil	<ul style="list-style-type: none">• Disposing Municipal Solid Waste at right place and using waste food for cattle feeding.• Disposing hazardous waste materials as per Hazardous Waste Management Rules 1989	1,00,000
4.	Noise & Vibrations	<ul style="list-style-type: none">• Monitoring Ambient Noise levels and maintaining them within the standards.• Constructing acoustic enclosures the machinery creating excessive noise and vibrations.• Supply workers with Personal Protective Equipments (PPEs).	1,50,000
5.	Flora and Fauna	<ul style="list-style-type: none">• Planting trees to reduce the concentration of pollution agents in the air, and developing green belt as a part of landscaping.• Preserving and maintaining the green belt by watering and maturing at appropriate time.	1,20,000
6.	Socio economic	<ul style="list-style-type: none">• Constructing shelters at bus stops and providing signage.	1,20,000
TOTAL			9,40,000/-



