

State Level Expert Appraisal Committee, Uttarakhand
"Gauradevi Paryavaran Bhawan, 3rd Floor,
46-B, I.T. Park, Sahastradhara Road, Dehradun"

Letter No: 51 / SEAC

Dated: 21 February, 2024

The Second day of 20th meeting of the Uttarakhand State Level Expert Appraisal Committee (SEAC) was held on 2nd February, 2024 at the SEIAA/SEAC office Dehradun. The following were present at the meeting –

- | | |
|-------------------------------|------------------|
| 1) Shri Shailendra Singh Bist | Chairman |
| 2) Dr. Ashwani Kumar Minocha | Member |
| 3) Dr. Ashutosh Gautam | Member |
| 4) Dr. Basudev Prasad Purohit | Member |
| 5) Shri Nitish Mani Tripathi | Member Secretary |

The meeting was presided by Shri S.S. Bist. The meeting proceeded as per the agenda with permission of the chair. It was noted that proposals, for the meeting, being considered for the appraisal includes Construction, Mining (R.B.M/Soapstone/Quartzite Boulders) etc. The concerned recognized environment consultants of the proponents made the presentations.

Proposals as Uploaded on PARIVESH 2.0

Consideration/Reconsideration of Proposals For Environmental Clearance (E.C.)

Proposal – 1

Online proposal No.	SIA/UK/MIN/458881/2024
Site Details	Proposed Extraction of Sand/Bajri/Boulder at Khasra No- 3128 Village- Mosta, Tehsil & District- Champawat.
Name & Address of Proponent	Shri Umesh Kharkwal (Owner) S/o Ram Dutt Kharkwal R/o- Village- Bhageenabhandari, Tehsil & District- Champawat.
Coordinates	Latitude- 29°12'28.10"N to 29°12'24.80"N Longitude- 80°12'20.40"E to 80°12'19.10"E
Mining Lease Area	3.00 Ha.
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/458881/2024 on dated 17th January, 2024 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Sand/Bajri/Boulder (**River Bed Material**) in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The proponent has applied with detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Eco Laboratories & Consultants Pvt. Ltd. and project was presented by Shri Bhuwan Joshi, EIA Coordinator.** The details of the project are as follows:-

S.No.	Parameters	Description
1.	Name of the Project Proponent	Shri Umesh Chandra Kharkwal S/o Sh. Ram Datt Kharkwal, Village- Bhageenabhandari, Tehsil & District- Champawat, Uttarakhand
2.	Registered Address	R/o- Bhageenabhandari, Tehsil & District- Champawat, Uttarakhand
3.	Full correspondence address of proponent and mobile no.	R/o- Bhageenabhandari, Tehsil & District- Champawat, Uttarakhand
4.	Name of Project	MOSTA RBM MINING PROJECT
5.	Project Location (Plot. Khasra/Gata No.)	Khasara No. 3128
6.	Name of Village	Mosta
7.	Tehsil	Champawat
8.	District	Champawat

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9.	State	Uttarakhand															
10.	Name of Minor Mineral	RBM (Sand, Bajari & Boulders)															
11.	Sanctioned Lease Area (in Ha.)	3.00 Hectare															
12.	Max. & Min mRL within lease area	389.50m to 383.60mRL															
13.	Pillar Coordinates (Verified by DMO)	<div>Total 4 Number of Pillar Coordinates<table><tr><th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>29° 12' 28.10" N</td><td>80° 12' 20.40" E</td></tr><tr><td>B</td><td>29° 12' 25.50" N</td><td>80° 12' 31.50" E</td></tr><tr><td>C</td><td>29° 12' 21.90" N</td><td>80° 12' 30.50" E</td></tr><tr><td>D</td><td>29° 12' 24.80" N</td><td>80° 12' 19.10" E</td></tr></table></div>	Pillar No.	Latitude	Longitude	A	29° 12' 28.10" N	80° 12' 20.40" E	B	29° 12' 25.50" N	80° 12' 31.50" E	C	29° 12' 21.90" N	80° 12' 30.50" E	D	29° 12' 24.80" N	80° 12' 19.10" E
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D	29° 12' 24.80" N	80° 12' 19.10" E															
14.	Letter of Intent	LOI No. 4490/खनन/भूखनिई०/नीला०-10/2023-24, Date: -29/11/2023, for a period of five (5) years.															
15.	Mine Plan approval details	Letter No. 5473/उ०ख०/भूखनिई०/नीला०/मा०प्ला०/2023-24, Dated: -12/01/2024, for a period of five (5) years.															
16.	Validity of Mine Plan	For Five (5) Years															
17.	Total geological Reserves	3,24,000 Tonnes															
18.	Total Proposed Production/Year	<table><tr><td>First Year</td><td>1,62,000</td></tr><tr><td>Second Year</td><td>1,62,000</td></tr><tr><td>Third Year</td><td>1,62,000</td></tr><tr><td>Fourth Year</td><td>1,62,000</td></tr><tr><td>Fifth Year</td><td>1,62,000</td></tr></table>	First Year	1,62,000	Second Year	1,62,000	Third Year	1,62,000	Fourth Year	1,62,000	Fifth Year	1,62,000					
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Fourth Year	1,62,000																
Fifth Year	1,62,000																
19.	Sanctioned Period of Mine lease	Proposed for Five (5) Years															
20.	Method of Mining	Opencast Manual method															
21.	No. of working days	240															
22.	Working hours/day	10 hr/day															
23.	No. of workers	29															
24.	Type of Land	River bed revenue land															
25.	Ultimate Depth of Mining	3m															
26.	Water Requirement	3.70 KLD															
27.	Any litigation pending against the project or land in any court	None															
28.	Ecological Sensitive Map/zone	There is none ecological sensitive zone exists within 10kms radius of proposed project site															
29.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	There are no existing mines yet within the 500m buffer zone of the proposed lease area, (Cluster Certificate submitted).															
30.	Proposed CER cost (Rs.)	1.5 Lakhs															
31.	Proposed EMP cost (Rs.)	3.30 Lakhs															
32.	No. of Trees to be Planted.	3000 Trees															
33.	Detail of CTE/CTO issued by UKPCB	Yet to be granted															

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The mining shall be done only during daytime.
- The committee further directed that mining/extraction/hand picking of minor mineral shall be carried out as per the approved mine plan.
- The committee also suggested that mine site should have well demarcated safety zone i.e. mining operation will not be carried out in the vicinity of 100 m from nearby bridges, educational institution or structures of historical importance.
- The project proponent shall construct 2 nos of bio-toilets (1 male & 1 female) in nearby school with water tank and solar lights facility and shall maintain the same on regular basis.

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- The minor mineral collection shall be carried out manually from 50 % of the total area leaving 25 % area on each side of the river bank.
- The committee further directed that mining/extraction/hand picking of minor mineral shall be carried out as per the approved mine plan.
- Maximum permissible depth in the center of the mining area will be 3.0 meter.
- The project Proponent shall ensure that where ever deployment of labor attracts mines act, the provision thereof shall be strictly followed.
- The committee also suggested that mine site should have well demarcated safety zone from nearby bridges, educational institution or structures of historical importance.
- The mining operation would provide local employment and bring economic benefit to local population.
- The Project Proponent shall obtain prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) if any, required for the project.
- Project Proponent shall provide Rs 3.0 lakh for modernizing Chemistry/Biology Lab of nearby Govt. Inter College and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall carryout impact assessment study for aquatic fauna along with mitigation measures and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall inform to SEIAA in case of change of evacuation plan.
- The committee desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 3300 plants in 3.0 Ha. will be planted in first two years followed by maintenance in the next three years & the proponent will distribute fruit bearing trees species to local villagers. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done.**
- The proponent shall provide Eco-friendly toilets for the laborers.
- The mining operation would provide local employment and bring economic benefit to local population.
- The Project Proponent shall follow Sustainable Sand Mining Management Guideline, 2016 & Enforcement and Monitoring Guideline for Sand Mining, 2020.
- Approved DSR of District Champawat is present before the SEAC. The Name of the Project Proponent is mentioned in the DSR.
- The Project Proponent has submitted a Cluster Certificate issued by Mining Department, Uttarakhand vide his letter no- 626 dated- 11.01.2024 stating that there is no another mining lease falls within 500 m radius of the lease area, whose cumulative mine lease area <5 Ha.
- The mine working will be open cast by manual method without involving drilling & blasting. The mining is confined to extraction of Sand/Bajri/Boulder(**River Bed Material**).
- The extraction of Sand/Bajri/Boulder(**River Bed Material**)shall be stopped during monsoon season.
- **The quantity of mineral to be extracted should be fixed sustainably based on replenishment study& shall be submitted to SEIAA for approval.**
- The Project Proponent shall obtain prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) if any, required for the project.
- It shall be ensured that there is no leakage of oil and grease in the river from the vehicles use for the transportation.
- Vehicular emission shall be kept under control and regularly monitored. The vehicles carrying minerals shall not be over loaded.
- Periodical medical examination of the workers engaged in the project shall be carried out and records are to be maintained.
- Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any mining activity at the site.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.

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- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The EC issued will be coterminus with the Forest Clearance issued by MoEF&CC, GOI.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to submission original ecological sensitive certificate of 10 Km radial distance from competent authority and conditions (**Annexure-1**), the committee recommended the above project for grant of Environmental Clearance.

Proposal – 2

Online proposal No.	SIA/UK/MIN/459074/2024
Site Details	Re-Appraisal of DEIAA E.C for Extraction of Soapstone at Village-Sawaar, Tehsil- Tharali, District- Chamoli.
Name & Address of Proponent	Shri Bhuwan Chandra Upadhyay (Owner) S/o Shri Nityanand Upadhyay R/o- Village- Kholi, Post- Chaunra, District- Bageshwar.
Coordinates	Latitude- 30°4'3.28"N to 30° 4'2.17"N Longitude- 79°37'6.97"E to 79°37'6.93"E
Mining Lease Area	4.547 Ha.
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006
DEIAA E.C No	7346/30-45/Soapstone(2006-2007) dated- 29.09.2016

The project which was earlier granted E.C by DEIAA has been submitted for Re-Appraisal vide proposal no SIA/UK/MIN/459074/2024 on dated 19th January, 2024 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Re-Appraisal of existing Soapstone mining in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP.

The project proponent has requested to SEAC vide his E-mail dated- 02.02.2024 to defer this proposal as the project proponent is unable to present the case due to unavoidable circumstances. Hence with the permission of the chair, the committee decided to defer the project.

Proposal – 3

Online proposal No.	SIA/UK/MIN/459283/2024
Site Details	Proposed Extraction of Sand/Bajri/Boulder at Khasra No. 370 Village - Meeng, Tehsil - Narayanbagar, District - Chamoli.
Name & Address of Proponent	Shri Ganesh Prasad (Owner) S/o Shri Maheshanand Chandola R/o- Village - Hanskoti, Tehsil - Tharali, Dist- Chamoli
Coordinates	Latitude- 30°7'30.72"N to 30°7'36.75"N Longitude- 79°23'26.97"E to 79°23'33.45"E
Mining Lease Area	0.801 Ha.
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/459283/2024 on dated 19th January, 2024 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Sand/Bajri/Boulder (**River Bed Material**) in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The proponent has applied with detailed project related information in Form 1, Pre Feasibility Report and EMP.

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During presentation, SEAC observed that the above proposal has been already considered by SEAC in its 20th meeting (Day-1) on Serial No- 9 with having same online proposal no SIA/UK/MIN/459283/2024. It seems it just a Portal error.

Proposal – 4

Online proposal No.	SIA/UK/MIN/458690/2024
Site Details	Proposed Extraction of Soapstone at Village - Bheedi & Baman Bheedi, Tehsil & District - Bageshwar
Name & Address of Proponent	M/s Maa Bhagwati Mines & Minerals (Partners -1. Shri Kishor Chandra Tiwari 2. Shri Kishan Singh Daanu 3. Shri Vikram Singh C Parihar 4. Shri Vishwa Vijay Singh) R/o - Hotel Siwark Near Taxi Stand, Pindari Road, Bageshwar.
Coordinates	Pillar Wise- 1 to 17 Latitude- 29°47'24.98"N to 29°47'21.21"N Longitude- 79°49'48.84"E to 79°49'41.55"E
Mining Lease Area	20.277 Ha
Category	B1& 1(a) enlisted in project /activity as per EIA Notification, 2006.

The project was submitted vide proposal no SIA/UK/MIN/458690/2024 on dated 20th January, 2024 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was recommended by the SEAC in its 3rd meeting dated- 15.02.2023, the ToR letter was issued vide letter No.-217/SEIAA dated-22.02.2023 and the public hearing was conducted on dated-05.10.2023. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc. **Project was prepared by Accredited consultancy firm P & M Solution and project was presented by Shri Rahul Kumar, EIA, Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description																																				
1.	Name of the Project Proponent	M/s MaaBhagwati Mines & Minerals																																				
2.	Registered Address	R/o-Village – Bheedi&BamanBheedi, Tehsil & District – Bageshwar, Uttarakhand																																				
3.	Full correspondence address of proponent and mobile no.	ShriKishan Singh Daanu S/o Shri Harish Chandra Singh (Managing Partner) R/o - Village-Aithar, Tehsil-kapkot, Distt-Bageshwar(U.K). 8445557613,9690537493																																				
4.	Name of Project	Bheedi&BamanBheediSoapstone Mining Project																																				
5.	Project Location (Plot.Khasra/Gata No.)	Village – Bheedi&BamanBheedi, Tehsil & District – Bageshwar, Uttarakhand																																				
6.	Name of Village	Bheedi&BamanBheedi																																				
7.	Tehsil	Bageshwar																																				
8.	District	Bageshwar																																				
9.	State	Uttarakhand																																				
10.	Name of Minor Mineral	Soapstone																																				
11.	Sanctioned Lease Area (in Ha.)	20.277 ha																																				
12.	Max. & Min mRL within lease area	Max- 1467.20mRL & Min-1332.50mRL																																				
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		12.	29°47'28.64"N	79°50'7.71"E
		13.	29°47'33.47"N	79°49'57.83"E
		14.	29°47'24.22"N	79°49'52.41"E
		15.	29°47'23.45"N	79°49'49.83"E
		16.	29°47'20.73"N	79°49'48.59"E
		17.	29°47'21.21"N	79°49'41.55"E
14.	Letter of Intent from State Government	1162/VII-A-1/2021/1(17)/21, Dated 25.03.2022		
15.	Mine Plan approval details	2344/Mu.Kha./Khanan/13/Soapstone/Bag./Bhu.Khani E./2020-21 Dated 23.09.2022		
16.	Validity of Mine Plan	5 years (period of mine plan will effect from date of registration of lease deed)		
17.	Total geological reserves	1186661Tonnes		
18.	Total Proposed Production (In 5 Years)	First year	35889 Tonnes	
		Second Year	38143 Tonnes	
		Third year	40730 Tonnes	
		Fourth Year	43625 Tonnes	
		Fifth Year	45731 Tonnes	
19.	Sanctioned Period of Mine lease	50 Years		
20.	Method of Mining	Open Cast Semi Mechanized Method		
21.	No. of working days	240		
22.	Working hours/day	8 Hrs		
23.	No. of workers	80 Nos.		
24.	Type of Land	State Govt. Land, Agriculture land & public use land		
25.	Ultimate Depth of Mining	In pit I, pit II & pit III-12m		
26.	Water Requirement	44.10KLD		
27.	Any litigation pending against the project or land in any court	NA		
28.	Ecological Sensitive Map/zone	Submitted		
29.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Submitted		
30.	Proposed CER cost	2.54Lakh		
31.	Proposed EMP cost	47.37 Lakh		
32.	No. of Trees to be Planted.	20750plants		
33.	Detail of CTE/CTO issued by UPPCB	Will be applied after Grant of EC		

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The committee further directed that mining/extraction of mineral and progressive mine closure should be done as per the approved mine plan.
- The committee also suggested that mine site should have well demarcated safety zone i.e. mining operation will not be carried out in the vicinity of 100 m from nearby bridges, educational institution or structures of historical importance.
- The committee desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 10000 plants in 20.0 Ha. will be planted in first two years followed by maintenance in the next three years & the proponent will distribute fruit bearing trees species to local villagers. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done.**
- The proponent shall provide Eco-friendly toilets for the labprers.
- The mining operation would provide local employment and bring economic benefit to local population.
- Approved DSR of District Bageshwar is present before the SEAC. The Name of the Project Proponent is mentioned in the DSR.
- The Project Proponent has submitted a Cluster Certificate issued by Mining Department, Uttarakhand vide his letter no-493 dated-04.02.2020 stating that there is one another mining lease falls within 500 m radius of the lease area, whose cumulative mine lease area >5 Ha.

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- The Project Proponent has submitted a certificate issued by CCF, I.T Cell of Forest Department, Uttarakhand vide his letter no 3201-2D/3/2023-I.T.Forest Dept. dated-09.11.2023 stating that the proposed mining area is falling within 10 KM of Binsar Wildlife Sanctuary. Therefore the Project Proponent shall obtain Wildlife Clearance from National Board of Wildlife (NBWL)
- The Project Proponent has submitted approved conservation plan certified by DFO, Bageshwar.
- The project proponent shall submit authentic list of flora & fauna along with six monthly compliance report.
- The Project Proponent shall ensure that the issues/concerns raised during public consultation are addressed amicably.
- The Project Proponent shall submit a detail of the socio-economic status of the villages falling within 10.0 Km radius of the project area.
- Project Proponent shall provide Rs 3.0 lakh for modernizing Chemistry/Biology Lab of nearby Govt. Inter College and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall carryout impact assessment study for aquatic fauna along with mitigation measures and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall inform to SEIAA in case of change of evacuation plan.
- The project proponent shall submit quarterly reports pertaining to ambient air quality, ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- All the vehicles being used for transportation from the mine site should have a valid pollution under control certificate.
- The Proponent shall ensure installation of water sprinklers within the premises to prevent dust hazards.
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The project proponent shall ensure proper collection, treatment and disposal of mule excrete.
- The project proponent shall undertake suitable measures to avoid spillage of over burden and inter burden. During monsoon stocked over burden shall be covered so that it will not spill into nearby water bodies.
- The project Proponent shall ensure the reclamation of mining area as per mine closure plan at his own cost.
- The project proponent shall undertake all the activities agreed during public consultation.
- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The EC issued will be coterminus with the Forest Clearance issued by MoEF&CC, GOI.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to conditions (Annexure-2), the committee recommended the above project for grant of Environmental Clearance.

Proposal – 5

Online proposal No.	SIA/UK/MIN/458725/2024
Site Details	Proposed Extraction of Soapstone at Village - Simkhet/Gairtoli, Tehsil & District - Bageshwar
Name & Address of Proponent	Shri Kanti Lal Sah S/o Shri Girdhari Lal Sah R/o - Pindari Road, Tehsil & District - Bageshwar
Coordinates	Pillar Wise- 1 to 52 Latitude- 29°49'38.87"N to 29°49'36.64"N

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	Longitude- 79°50'55.46"E to 79°50'55.25"E
Mining Lease Area	8.303 Ha
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006.

The project was submitted vide proposal no SIA/UK/MIN/458725/2024 on dated 20th January, 2024 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was recommended by the SEAC in its meeting dated- 09.07.2021, the ToR letter was issued vide letter No.-232/SEAC dated-15.07.2021 and the public hearing was conducted on dated-16.02.2023. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc.

The project proponent has requested to SEAC vide his E-mail dated- 31.01.2024 to defer this proposal as the project proponent is unable to present the case due to unavoidable circumstances. Hence with the permission of the chair, the committee decided to defer the project.

Proposal – 6

Online proposal No.	SIA/UK/MIN/458706/2024
Site Details	Proposed Extraction of Soapstone at Village - Adhyali, Tehsil - Kanda, District-Bageshwar
Name & Address of Proponent	M/s Harunath Mines & Minerals (Partners- Shri Kundan Singh Bisht, Smt. Shobha Pande, Shri Umesh Chandra Pande & Shri Ramesh Chandra Pande)
Coordinates	Pillar Wise- 1 to 18 Latitude- 29°50'48.37"N to 29°50'45.80"N Longitude- 79°55'18.83"E to 79°55'25.45"E
Mining Lease Area	6.507 Ha
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006.

The project was submitted vide proposal no SIA/UK/MIN/458706/2024 on dated 20th January, 2024 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was recommended by the SEAC in its 4th meeting dated- 02.03.2023, the ToR letter was issued vide letter No.-246/SEIAA dated-09.03.2023 and the public hearing was conducted on dated-16.09.2023. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc. **Project was prepared by Accredited consultancy firm P & M Solution and project was presented by Shri Rahul Kumar, EIA, Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description												
1.	Name of the Project Proponent	MM/s Harunath Mines & Minerals												
2.	Registered Address	R/o-Village – Adhyali, Tehsil-Kanda& District – Bageshwar, Uttarakhand												
3.	Full correspondence address of proponent and mobile no.	ShriKundan Singh Bisht S/o ShriPuran Singh Bisht (Partner) R/o-Village-Katarmal, Tehsil &Distt-Bageshwar (U.K). 9557266377												
4.	Name of Project	AdhyaliSoapstone Mining Project												
5.	Project Location (Plot.Khasra/Gata No.)	Village – Adhyali, Tehsil-Kanda & District – Bageshwar, Uttarakhand												
6.	Name of Village	Adhyali												
7.	Tehsil	Bageshwar												
8.	District	Bageshwar												
9.	State	Uttarakhand												
10.	Name of Minor Mineral	Soapstone												
11.	Sanctioned Lease Area (in Ha.)	6.507 ha												
12.	Max. & Min mRL within lease area	Max- 1554mRL & Min-1467mRL												
13.	Pillar Coordinates (Verified by DMO)	<table> <tr> <th>Pillar No</th><th>N</th><th>E</th></tr> <tr> <td>1.</td><td>29°50'48.37"N</td><td>79°55'18.83"E</td></tr> <tr> <td>2.</td><td>29°50'50.78"N</td><td>79°55'19.26"E</td></tr> <tr> <td>3.</td><td>29°50'51.91"N</td><td>79°55'17.23"E</td></tr> </table>	Pillar No	N	E	1.	29°50'48.37"N	79°55'18.83"E	2.	29°50'50.78"N	79°55'19.26"E	3.	29°50'51.91"N	79°55'17.23"E
Pillar No	N	E												
1.	29°50'48.37"N	79°55'18.83"E												
2.	29°50'50.78"N	79°55'19.26"E												
3.	29°50'51.91"N	79°55'17.23"E												

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		4.	29°50'51.45"N	79°55'15.23"E
		5.	29°50'49.39"N	79°55'16.24"E
		6.	29°50'48.74"N	79°55'14.79"E
		7.	29°50'57.41"N	79°55'11.55"E
		8.	29°50'56.35"N	79°55'17.17"E
		9.	29°50'56.79"N	79°55'19.90"E
		10.	29°50'53.66"N	79°55'18.70"E
		11.	29°50'50.65"N	79°55'21.61"E
		12.	29°50'49.24"N	79°55'20.63"E
		13.	29°50'48.12"N	79°55'23.78"E
		14.	29°50'49.17"N	79°55'27.51"E
		15.	29°50'41.74"N	79°55'30.60"E
		16.	29°50'41.83"N	79°55'27.50"E
		17.	29°50'44.69"N	79°55'24.99"E
		18.	29°50'45.80"N	79°55'25.45"E
14.	Letter of Intent from State Government	1498/VII-A-1/2021-01(36)/2021, Dated -01.10.2021		
15.	Mine Plan approval details	4083/Mu.Kha./Khanan/17/Soapstone/Bag./Bhu.Khani E./2020-21 Dated 12.01.2023		
16.	Validity of Mine Plan	5 years (period of mine plan will effect from date of registration of lease deed)		
17.	Total geological reserves	113256Tonnes		
18.	Total Proposed Production (In 5 Years)	First year	8193 Tonnes	
		Second Year	10352Tonnes	
		Third year	11707Tonnes	
		Fourth Year	13994Tonnes	
		Fifth Year	15178Tonnes	
19.	Sanctioned Period of Mine lease	50 Years		
20.	Method of Mining	Open Cast Semi Mechanized Method		
21.	No. of working days	240		
22.	Working hours/day	8 Hrs		
23.	No. of workers	29 Nos.		
24.	Type of Land	State Govt. Land, Agriculture land & public use land		
25.	Ultimate Depth of Mining	15m		
26.	Water Requirement	15.0KLD		
27.	Any litigation pending against the project or land in any court	NA		
28.	Ecological Sensitive Map/zone	Submitted		
29.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Submitted		
30.	Proposed CER cost	3.3085 Lakh		
31.	Proposed EMP cost	19.695 Lakh		
32.	No. of Trees to be Planted.	7000plants		
33.	Detail of CTE/CTO issued by UPPCB	Will be applied after Grant of EC		

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The committee further directed that mining/extraction of mineral and progressive mine closure should be done as per the approved mine plan.
- The committee also suggested that mine site should have well demarcated safety zone i.e. mining operation will not be carried out in the vicinity of 100 m from nearby bridges, educational institution or structures of historical importance.
- The committee desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 3000 plants in 6.0 Ha. will be planted in first two years followed by maintenance in the next three years & the proponent will distribute fruit bearing trees species to local villagers. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done.**
- The proponent shall provide Eco-friendly toilets for the laborers.
- The mining operation would provide local employment and bring economic benefit to local population.

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- Approved DSR of District Bageshwar is present before the SEAC. The Name of the Project Proponent is mentioned in the DSR.
- The Project Proponent has submitted a Cluster Certificate issued by Mining Department, Uttarakhand vide his letter no-20 dated-15.04.2023 stating that there are six another mining lease falls within 500 m radius of the lease area, whose cumulative mine lease area >5 Ha.
- The Project Proponent has submitted a certificate issued by CCF, I.T Cell of Forest Department, Uttarakhand vide his letter no 192/32-(EoDB) dated-04.08.2023 stating that the proposed area for mining does not lies within 10 KM of any National Park/Sanctuary.
- The Project Proponent has submitted approved conservation plan certified by DFO, Bageshwar.
- The project proponent shall submit authentic list of flora & fauna along with six monthly compliance report.
- The Project Proponent shall ensure that the issues/concerns raised during public consultation are addressed amicably.
- The Project Proponent shall submit a detail of the socio-economic status of the villages falling within 10.0 Km radius of the project area.
- Project Proponent shall provide Rs 3.0 lakh for modernizing Chemistry/Biology Lab of nearby Govt. Inter College and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall carryout impact assessment study for aquatic fauna along with mitigation measures and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall inform to SEIAA in case of change of evacuation plan.
- The project proponent shall submit quarterly reports pertaining to ambient air quality, ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- All the vehicles being used for transportation from the mine site should have a valid pollution under control certificate.
- The Proponent shall ensure installation of water sprinklers within the premises to prevent dust hazards.
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The project proponent shall ensure proper collection, treatment and disposal of mule excrete.
- The project proponent shall undertake suitable measures to avoid spillage of over burden and inter burden. During monsoon stocked over burden shall be covered so that it will not spill into nearby water bodies.
- The project Proponent shall ensure the reclamation of mining area as per mine closure plan at his own cost.
- The project proponent shall undertake all the activities agreed during public consultation.
- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The EC issued will be coterminus with the Forest Clearance issued by MoEF&CC, GOI.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to conditions (**Annexure-2**), the committee recommended the above project for grant of Environmental Clearance.

Proposal – 7

Online proposal No.	SIA/UK/MIN/458687/2024
Site Details	Proposed Extraction of Soapstone at Village- Kularangchaura(Tok Rang Chaum), Tehsil & Distt- Bageshwar

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Name & Address of Proponent	M/s Shri Shakti Mines & Minerals Partners- (Shri Kishan Singh Daanu, Shri Vikram Singh Parihar, Shri Vishwa Vijay Singh, Shri Ravindra Singh Bankoti & Shri Ravindra Singh)
Coordinates	Pillar Wise- 1 to 14 Latitude- 29°46'19.73"N to 29°46'17.05"N Longitude- 79°51'54.43"E to 79°51'53.97"E
Mining Lease Area	8.883 Ha.
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006.

The project was submitted vide proposal no SIA/UK/MIN/458687/2024 on dated 20th January, 2024 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was recommended by the SEAC in its 3rd meeting dated- 15.02.2023, the ToR letter was issued vide letter No.-216/SEIAA dated-22.02.2023 and the public hearing was conducted on dated-06.10.2023. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc. **Project was prepared by Accredited consultancy firm P & M Solution and project was presented by Shri Rahul Kumar, EIA, Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description																																													
34.	Name of the Project Proponent	M/s Shri Shakti Mines & Minerals																																													
35.	Registered Address	R/o-Village – Kularangchaura (TokRang Chaura), Tehsil & District – Bageshwar, Uttarakhand																																													
36.	Full correspondence address of proponent and mobile no.	Shri Kishan Singh Daanu S/o Shri Harish Chandra Singh (Managing Partner) R/o - Village-Aithar, Tehsil-kapkot, Distt-Bageshwar(U.K). 8445557613, 9690537493																																													
37.	Name of Project	Kularangchaura (TokRang Chaura), Soapstone Mining Project																																													
38.	Project Location (Plot.Khasra/Gata No.)	Village – Kularangchaura (TokRang Chaura),, Tehsil & District – Bageshwar, Uttarakhand																																													
39.	Name of Village	Kularangchaura (TokRang Chaura),																																													
40.	Tehsil	Bageshwar																																													
41.	District	Bageshwar																																													
42.	State	Uttarakhand																																													
43.	Name of Minor Mineral	Soapstone																																													
44.	Sanctioned Lease Area (in Ha.)	8.883 ha																																													
45.	Max. & Min mRL within lease area	Max- 1275.80mRL & Min-1153.50mRL																																													
46.	Pillar Coordinates (Verified by DMO)	<table> <tr> <th>Pillar No</th><th>N</th><th>E</th></tr> <tr><td>18.</td><td>29°46'19.73"N</td><td>79°51'54.43"E</td></tr> <tr><td>19.</td><td>29°46'19.73"N</td><td>79°51'52.40"E</td></tr> <tr><td>20.</td><td>29°46'17.10"N</td><td>79°51'52.70"E</td></tr> <tr><td>21.</td><td>29°46'17.30"N</td><td>79°51'47.11"E</td></tr> <tr><td>22.</td><td>29°46'21.30"N</td><td>79°51'51.90"E</td></tr> <tr><td>23.</td><td>29°46'21.08"N</td><td>79°51'58.14"E</td></tr> <tr><td>24.</td><td>29°46'23.98"N</td><td>79°51'57.89"E</td></tr> <tr><td>25.</td><td>29°46'24.03"N</td><td>79°52'4.12"E</td></tr> <tr><td>26.</td><td>29°46'26.18"N</td><td>79°52'4.22"E</td></tr> <tr><td>27.</td><td>29°46'26.70"N</td><td>79°52'5.12"E</td></tr> <tr><td>28.</td><td>29°46'19.20"N</td><td>79°52'8.19"E</td></tr> <tr><td>29.</td><td>29°46'14.94"N</td><td>79°52'7.71"E</td></tr> <tr><td>30.</td><td>29°46'17.23"N</td><td>79°52'0.24"E</td></tr> <tr><td>31.</td><td>29°46'17.05"N</td><td>79°51'53.97"E</td></tr> </table>	Pillar No	N	E	18.	29°46'19.73"N	79°51'54.43"E	19.	29°46'19.73"N	79°51'52.40"E	20.	29°46'17.10"N	79°51'52.70"E	21.	29°46'17.30"N	79°51'47.11"E	22.	29°46'21.30"N	79°51'51.90"E	23.	29°46'21.08"N	79°51'58.14"E	24.	29°46'23.98"N	79°51'57.89"E	25.	29°46'24.03"N	79°52'4.12"E	26.	29°46'26.18"N	79°52'4.22"E	27.	29°46'26.70"N	79°52'5.12"E	28.	29°46'19.20"N	79°52'8.19"E	29.	29°46'14.94"N	79°52'7.71"E	30.	29°46'17.23"N	79°52'0.24"E	31.	29°46'17.05"N	79°51'53.97"E
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31.	29°46'17.05"N	79°51'53.97"E																																													
47.	Letter of Intent from State Government	1161/VII-A-1/2021/-01 (16)/2021, Dated 25.03.2022																																													
48.	Mine Plan approval details	2346/Mu.Kha./Khanan/14/Soapstone/Bag./Bhu.Khani E./2020-21 Dated 23.09.2022																																													
49.	Validity of Mine Plan	5 years (period of mine plan will effect from date of registration of lease deed)																																													

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50.	Total geological reserves	425100Tonnes	
51.	Total Proposed Production (In 5 Years)	First year	23056 Tonnes
		Second Year	26742 Tonnes
		Third year	28815 Tonnes
		Fourth Year	30862 Tonnes
		Fifth Year	35072 Tonnes
52.	Sanctioned Period of Mine lease	50 Years	
53.	Method of Mining	Open Cast Semi Mechanized Method	
54.	No. of working days	240	
55.	Working hours/day	8 Hrs	
56.	No. of workers	62 Nos.	
57.	Type of Land	State Govt. Land, Agriculture land & public use land	
58.	Ultimate Depth of Mining	In pit I 24m&in pit II 12m	
59.	Water Requirement	44.10KLD	
60.	Any litigation pending against the project or land in any court	NA	
61.	Ecological Sensitive Map/zone	Submitted	
62.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Submitted	
63.	Proposed CER cost	2.50Lakh	
64.	Proposed EMP cost	22.42 Lakh	
65.	No. of Trees to be Planted.	9000plants	
66.	Detail of CTE/CTO issued by UPPCB	Will be applied after Grant of EC	

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The committee further directed that mining/extraction of mineral and progressive mine closure should be done as per the approved mine plan.
- The committee also suggested that mine site should have well demarcated safety zone i.e. mining operation will not be carried out in the vicinity of 100 m from nearby bridges, educational institution or structures of historical importance.
- The committee desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 4000 plants in 8.0 Ha. will be planted in first two years followed by maintenance in the next three years & the proponent will distribute fruit bearing trees species to local villagers. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done.**
- The proponent shall provide Eco-friendly toilets for the laborers.
- The mining operation would provide local employment and bring economic benefit to local population.
- Approved DSR of District Bageshwar is present before the SEAC. The Name of the Project Proponent is mentioned in the DSR.
- The Project Proponent has submitted a Cluster Certificate issued by Mining Department, Uttarakhand vide his letter no-494 dated-04.11.2023 stating that there is one another mining lease falls within 500 m radius of the lease area, whose cumulative mine lease area >5 Ha.
- The Project Proponent has submitted a certificate issued by CCF, I.T Cell of Forest Department, Uttarakhand vide his letter no 3201-2D/3/2023-I.T.Forest Dept. dated-09.11.2023 stating that the proposed mining area is falling within 10 KM of Binsar Wildlife Sanctuary. Therefore the Project Proponent shall obtain Wildlife Clearance from National Board of Wildlife (NBWL).
- The Project Proponent has submitted approved conservation plan certified by DFO, Bageshwar.
- **The project proponent shall submit authentic list of flora & fauna along with six monthly compliance report.**
- **The Project Proponent shall ensure that the issues/concerns raised during public consultation are addressed amicably.**
- **The Project Proponent shall submit a detail of the socio-economic status of the villages falling within 10.0 Km radius of the project area.**

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- Project Proponent shall provide Rs 3.0 lakh for modernizing Chemistry/Biology Lab of nearby Govt. Inter College and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall carryout impact assessment study for aquatic fauna along with mitigation measures and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall inform to SEIAA in case of change of evacuation plan.
- The project proponent shall submit quarterly reports pertaining to ambient air quality, ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- All the vehicles being used for transportation from the mine site should have a valid pollution under control certificate.
- The Proponent shall ensure installation of water sprinklers within the premises to prevent dust hazards.
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The project proponent shall ensure proper collection, treatment and disposal of mule excrete.
- The project proponent shall undertake suitable measures to avoid spillage of over burden and inter burden. During monsoon stocked over burden shall be covered so that it will not spill into nearby water bodies.
- The project Proponent shall ensure the reclamation of mining area as per mine closure plan at his own cost.
- The project proponent shall undertake all the activities agreed during public consultation.
- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The EC issued will be coterminus with the Forest Clearance issued by MoEF&CC, GOI.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to conditions (**Annexure-2**), the committee recommended the above project for grant of Environmental Clearance.

Proposal – 8

Online proposal No.	SIA/UK/MIN/458742/2024
Site Details	Proposed Extraction of Soapstone at Village-Karuli, Tehsil & District-Bageshwar.
Name & Address of Proponent	M/s Khetwal Mines Karuli Address- Village-Karuli, Tehsil & District-Bageshwar.
Coordinates	Pillar Wise- 1 to 19 Latitude- 29°52'3.41"N to 29°52'3.49"N Longitude-79°49'36.23"E to 79°49'39.38"E
Mining Lease Area	4.116 Ha.
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006.

The project was submitted vide proposal no SIA/UK/MIN/458742/2024 on dated 22nd January, 2024 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was recommended by the SEAC in its 8th meeting dated- 25.05.2023, the ToR letter was issued vide letter No.-283/SEIAA dated-03.06.2023 and the public hearing was conducted on dated-05.12.2023. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc. **Project was prepared**

M. Kumar

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by Accredited consultancy firm Cognizance Research India Pvt. Ltd. and project was presented by Shri Ankur Sharma, Managing Director & EIA Coordinator. The details of the project are as follows:-

S.No	Parameters	Description																																																												
1.	Name of the Project Proponent	M/s Khetwal Mines Karuli																																																												
2.	Registered Address	R/o, Village- Karuli, Tehsil & District- Bageshwar, State- Uttarakhand																																																												
3.	Full correspondence address of proponent and mobile no.	R/o, Village- Karuli, Tehsil & District- Bageshwar, State- Uttarakhand																																																												
4.	Name of Project	Karuli Soapstone Mining Project																																																												
5.	Project Location (Plot.Khasra/Gata No.)	-																																																												
6.	Name of Village	Karuli																																																												
7.	Tehsil	Bageshwar																																																												
8.	District	Bageshwar																																																												
9.	State	Uttarakhand																																																												
10.	Name of Minor Mineral	Soapstone																																																												
11.	Sanctioned Lease Area (in Ha.)	4.116 ha																																																												
12.	Max. & Min mRL within lease area	Max- 1131.10 mRL & 1099.50 mRL																																																												
13.	Pillar Coordinates (Verified by DMO)	<table> <tr> <th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr> <tr><td>1</td><td>29°52'3.41"N</td><td>79°49'36.23"E</td></tr> <tr><td>2</td><td>29°52'1.38"N</td><td>79°49'39.18"E</td></tr> <tr><td>3</td><td>29°52'1.83"N</td><td>79°49'41.65"E</td></tr> <tr><td>4</td><td>29°52'0.85"N</td><td>79°49'41.44"E</td></tr> <tr><td>5</td><td>29°52'0.86"N</td><td>79°49'42.19"E</td></tr> <tr><td>6</td><td>29°52'2.06"N</td><td>79°49'42.98"E</td></tr> <tr><td>7</td><td>29°52'2.66"N</td><td>79°49'46.20"E</td></tr> <tr><td>8</td><td>29°52'0.87"N</td><td>79°49'47.73"E</td></tr> <tr><td>9</td><td>29°52'0.79"N</td><td>79°49'52.92"E</td></tr> <tr><td>10</td><td>29°52'2.29"N</td><td>79°49'53.07"E</td></tr> <tr><td>11</td><td>29°52'2.37"N</td><td>79°49'50.77"E</td></tr> <tr><td>12</td><td>29°52'2.70"N</td><td>79°49'50.71"E</td></tr> <tr><td>13</td><td>29°52'2.97"N</td><td>79°49'51.22"E</td></tr> <tr><td>14</td><td>29°52'4.66"N</td><td>79°49'50.66"E</td></tr> <tr><td>15</td><td>29°52'5.04"N</td><td>79°49'49.93"E</td></tr> <tr><td>16</td><td>29°52'6.89"N</td><td>79°49'50.24"E</td></tr> <tr><td>17</td><td>29°52'8.02"N</td><td>79°49'47.94"E</td></tr> <tr><td>18</td><td>29°52'5.10"N</td><td>79°49'45.91"E</td></tr> <tr><td>19</td><td>29°52'3.49"N</td><td>79°49'39.38"E</td></tr> </table>	Pillar No.	Latitude	Longitude	1	29°52'3.41"N	79°49'36.23"E	2	29°52'1.38"N	79°49'39.18"E	3	29°52'1.83"N	79°49'41.65"E	4	29°52'0.85"N	79°49'41.44"E	5	29°52'0.86"N	79°49'42.19"E	6	29°52'2.06"N	79°49'42.98"E	7	29°52'2.66"N	79°49'46.20"E	8	29°52'0.87"N	79°49'47.73"E	9	29°52'0.79"N	79°49'52.92"E	10	29°52'2.29"N	79°49'53.07"E	11	29°52'2.37"N	79°49'50.77"E	12	29°52'2.70"N	79°49'50.71"E	13	29°52'2.97"N	79°49'51.22"E	14	29°52'4.66"N	79°49'50.66"E	15	29°52'5.04"N	79°49'49.93"E	16	29°52'6.89"N	79°49'50.24"E	17	29°52'8.02"N	79°49'47.94"E	18	29°52'5.10"N	79°49'45.91"E	19	29°52'3.49"N	79°49'39.38"E
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14.	Letter of Intent	2222/VII-A-1/2021-01(46)/2021 dated 06.01.2022																																																												
15.	Mine Plan approval details	341/Mu.Kha/khanan/07/Soapstone/Bageshwar/Bhu.k hani.ie/2021-22, Dated 26April 2023																																																												
16.	Validity of Mine Plan	05 years																																																												
17.	Total geological reserves	451751 Tonnes																																																												
18.	Total mineable reserves	184392 Tonnes																																																												
19.	Total Proposed Production (In 5 Years)	69711 Tonnes																																																												
20.	Total Proposed Production/Year	<table> <tr> <th>S.No.</th><th>Year</th><th>Production (Tonnes)</th></tr> <tr><td>1.</td><td>1st Year</td><td>8944</td></tr> <tr><td>2.</td><td>2nd Year</td><td>11159</td></tr> <tr><td>3.</td><td>3rd Year</td><td>14680</td></tr> <tr><td>4.</td><td>4th Year</td><td>16068</td></tr> <tr><td>5.</td><td>5th Year</td><td>18860</td></tr> </table>	S.No.	Year	Production (Tonnes)	1.	1 st Year	8944	2.	2 nd Year	11159	3.	3 rd Year	14680	4.	4 th Year	16068	5.	5 th Year	18860																																										
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21.	Sanctioned Period of Mine lease	25 years																																																												
22.	Method of Mining	Open Cast Semi Mechanized Method																																																												
23.	No. of working days	240																																																												
24.	Working hours/day	8 Hrs																																																												
25.	No. of workers	35																																																												
26.	Type of Land	Agricultural Land																																																												
27.	Ultimate Depth of Mining	18																																																												
28.	Water Requirement	7.70 KLD																																																												
29.	Any litigation pending against the	No																																																												

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	project or land in any court	
30.	Ecological Sensitive Map/zone	No
31.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	440/Khanan/Cluster/Dist. Bageshwar/2022-23 Dated 29.08.2022
32.	Proposed CER cost	1.30 Lakh
33.	Proposed EMP cost	4.50 Lakh
34.	No. of Trees to be Planted.	2000
35.	Detail of CTE/CTO issued by UPPCB	NA

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The committee further directed that mining/extraction of mineral and progressive mine closure should be done as per the approved mine plan.
- The committee also suggested that mine site should have well demarcated safety zone i.e. mining operation will not be carried out in the vicinity of 100 m from nearby bridges, educational institution or structures of historical importance.
- The committee desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 2000 plants in 4.0 Ha. will be planted in first two years followed by maintenance in the next three years & the proponent will distribute fruit bearing trees species to local villagers. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done.**
- The proponent shall provide Eco-friendly toilets for the laborers.
- The mining operation would provide local employment and bring economic benefit to local population.
- Approved DSR of District Bageshwar is present before the SEAC. The Name of the Project Proponent is mentioned in the DSR.
- The Project Proponent has submitted a Cluster Certificate issued by Mining Department, Uttarakhand vide his letter no-440 dated-29.08.2022 stating that there are five another mining lease falls within 500 m radius of the lease area, whose cumulative mine lease area >5 Ha.
- The Project Proponent has submitted a certificate issued by CCF, I.T Cell of Forest Department, Uttarakhand vide his letter no 3201-2D/3/2023-I.T.Forest Dept. dated-06.10.2023 stating that the proposed area for mining does not lies within 10 KM of any National Park/Sanctuary.
- The Project Proponent has submitted approved conservation plan certified by DFO, Bageshwar.
- The project proponent shall submit authentic list of flora & fauna along with six monthly compliance report.
- The Project Proponent shall ensure that the issues/concerns raised during public consultation are addressed amicably.
- The Project Proponent shall submit a detail of the socio-economic status of the villages falling within 10.0 Km radius of the project area.
- Project Proponent shall provide Rs 3.0 lakh for modernizing Chemistry/Biology Lab of nearby Govt. Inter College and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall carryout impact assessment study for aquatic fauna along with mitigation measures and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall inform to SEIAA in case of change of evacuation plan.
- The project proponent shall submit quarterly reports pertaining to ambient air quality, ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- All the vehicles being used for transportation from the mine site should have a valid pollution under control certificate.
- The Proponent shall ensure installation of water sprinklers within the premises to prevent dust hazards.
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The project proponent shall ensure proper collection, treatment and disposal of mule excrete.











- The project proponent shall undertake suitable measures to avoid spillage of over burden and inter burden. During monsoon stocked over burden shall be covered so that it will not spill into nearby water bodies.
- The project Proponent shall ensure the reclamation of mining area as per mine closure plan at his own cost.
- The project proponent shall undertake all the activities agreed during public consultation.
- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The EC issued will be coterminus with the Forest Clearance issued by MoEF&CC, GOI.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

Based on above observations and subject to conditions (**Annexure-2**), the committee recommended the above project for grant of Environmental Clearance.

Proposal – 9

Online proposal No.	SIA/UK/MIN/438153/2023
Site Details	Proposed Extraction of Soapstone at Village - Toli, Tehsil - Kapkot, District- Bageshwar.
Name & Address of Proponent	Smt Khashti Danu W/o Shri Tej Singh Danu Address: Village - Karmitoli, Karmi, Tehsil - Kopkot, Dist - Bageshwar.
Coordinates	Pillar Wise- 1 to 28 Latitude- 30°03'04.4555"N to 30°03'02.4894"N Longitude- 79°52'36.5551"E to 79°52'35.3183"E
Mining Lease Area	15.283 Ha.
Category	B1& 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/438153/2023 on dated 6th December, 2023 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was recommended by the SEAC in its meeting dated- 8.11.2021, the ToR letter was issued vide letter No.-254/SEAC dated-11.11.2021 and the public hearing was conducted on dated-09.06.2022. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc.

The project proponent has requested to SEAC vide his E-mail dated- 02.02.2024 to defer this proposal as the project proponent is unable to present the case due to unavoidable circumstances. Hence with the permission of the chair, the committee decided to defer the project.

Proposal – 10

Online proposal No.	SIA/UK/MIN/413812/2023
Site Details	Proposed Extraction of Soapstone at Khand No. A, B, C, D, E, F, G, H, I, J, K, L, Village- Malladesh, Tehsil- Kapkot, District- Bageshwar.
Name & Address of Proponent	M/s New Prakateshwar Minerals by Shri Vivek Kumar Sah R/o- Tehsil- Haldwani, Dist- Nainital.
Coordinates	Khand Wise- A to L Latitude- 29°57'59.71"N to 29°58'12.86"N Longitude- 79°57'24.28"E to 79°56'55.87"E
Mining Lease Area	15.713 Ha.
Category	B1 & 1(a) enlisted in project /activity as per EIA Notification, 2006

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The project was submitted vide proposal no SIA/UK/MIN/413812/2023 on dated 7th December, 2023 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The committee observed that the ToR was recommended by the SEAC in the meeting dated- 9.11.2021, the ToR letter was issued vide letter No.-253/SEAC dated-11.11.2021 and the public hearing was conducted on dated-07.06.2022. The project proponent has now submitted final EIA report consisting of chapters including description of environment, anticipated environmental impact and mitigation majors, environmental monitoring programme, project benefits, Disclosure of Consultants Engaged EMP etc.

The project proponent has requested to SEAC vide his E-mail dated- 02.02.2024 to defer this proposal as the project proponent is unable to present the case due to unavoidable circumstances. Hence with the permission of the chair, the committee decided to defer the project.

Proposal – 11

Online proposal No.	SIA/UK/MIN/459518/2024
Site Details	Proposed Extraction of Sand/Bajri/Boulder at Khasra No- 6340, 6361 Village- Riyasibaman-1 Tehsil & District- Champawat
Name & Address of Proponent	Shri Vivek Kumar Mishra S/o Shri Rambabu Mishra, R/o- ward No. 06, Subhashnagar, Lal Kuan, Tehsil- Lal Kuan, Distt- Nainital
Coordinates	Latitude- 29°12'12.3"N to 29°11'58.3"N Longitude- 80°14'18.2"E to 80°13'54.2"E
Mining Lease Area	3.00 Ha.
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/459518/2024 on dated 22nd January, 2024 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Sand/Bajri/Boulder (**River Bed Material**) in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). The proponent has applied with detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Cognizance Research India Pvt. Ltd. and project was presented by Shri Ankur Sharma, Managing Director & EIA Coordinator.** The details of the project are as follows:-

S.No	Parameters	Description															
1.	Name of the Project Proponent	Shri Vivek Kumar Mishra															
2.	Registered Address	R/o-Ward No. 06, Subhash Nagar Lal Kuan Tehsil- Lal Kuan, Distt- Nainital (U.K)															
3.	Full correspondence address of proponent and mobile no.	R/o- Ward No. 06, Subhash Nagar Lal Kuan Tehsil- Lal Kuan, Distt- Nainital (U.K)															
4.	Name of Project	Riyasibaman-I Sand, Bajri and Boulders Mining in Ladhiya River															
5.	Project Location (Plot.Khasra/Gata No.)	Khasra no 6340, 6361															
6.	Name of Village	Riyasibaman-I															
7.	Tehsil	Champawat															
8.	District	Champawat															
9.	State	Uttarakhand															
10.	Name of Minor Mineral	Sand, Bajri and Boulders (RBM)															
11.	Sanctioned Lease Area (in Ha.)	3.0 ha															
12.	Max. & Min mRL within lease area	Max- 377.50 mRL &Min 375.90 mRL															
13.	Pillar Coordinates (Verified by DMO)	<table> <tr> <th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr> <tr> <td>P-1</td><td>29°12'0.5"N</td><td>80°14'0.6"E</td></tr> <tr> <td>P-2</td><td>29°11'58.1"N</td><td>80°14'05.4"E</td></tr> <tr> <td>P-3</td><td>29°11'55.5"N</td><td>80°13'54.8"E</td></tr> <tr> <td>P-4</td><td>29°11'58.3"N</td><td>80°13'54.2"E</td></tr> </table>	Pillar No.	Latitude	Longitude	P-1	29°12'0.5"N	80°14'0.6"E	P-2	29°11'58.1"N	80°14'05.4"E	P-3	29°11'55.5"N	80°13'54.8"E	P-4	29°11'58.3"N	80°13'54.2"E
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P-4	29°11'58.3"N	80°13'54.2"E															
14.	Letter of Intent	4415/Khanan/ भूखनिनि0/इ0नीला0-08/2023-24 Dated 21 Nov 2023															
15.	Mine Plan approval details	5575/30ख0/भूखनिनि0/इ-निविदा/मा0 प्लान/ 2023-24 Dated 20Jan 2024															
16.	Validity of Mine Plan	05 years															
17.	Total geological reserves	270000 Tonnes															
18.	Total mineable reserves	162000Tonnes															
19.	Total Proposed Production (In 5 Years)	810000 Tonnes															

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20.	Total Proposed Production/Year	162000 Tonnes/Year
21.	Sanctioned Period of Mine lease	05 years
22.	Method of Mining	Open Cast Manual Method
23.	No. of working days	250
24.	Working hours/day	8 Hrs
25.	No. of workers	68
26.	Type of Land	River Bed
27.	Ultimate Depth of Mining	3.0 mtr
28.	Water Requirement	9.82 KLD
29.	Any litigation pending against the project or land in any court	No
30.	Ecological Sensitive Map/zone	No
31.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	1013/भूखनि०वि०चम्पा०/उप०भण्डा/2023 -24 Dated 10 .01 .2024
32.	Proposed CER cost	2.50 Lakh
33.	Proposed EMP cost	11.0 Lakh
34.	No. of Trees to be Planted.	1500
35.	Detail of CTE/CTO issued by UPPCB	NA

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The mining shall be done only during daytime.
- The committee further directed that mining/extraction/hand picking of minor mineral shall be carried out as per the approved mine plan.
- The committee also suggested that mine site should have well demarcated safety zone i.e. mining operation will not be carried out in the vicinity of 100 m from nearby bridges, educational institution or structures of historical importance.
- The project proponent shall construct 2 nos of bio-toilets (1 male & 1 female) in nearby school with water tank and solar lights facility and shall maintain the same on regular basis.
- The minor mineral collection shall be carried out manually from 50 % of the total area leaving 25 % area on each side of the river bank.
- The committee further directed that mining/extraction/hand picking of minor mineral shall be carried out as per the approved mine plan.
- Maximum permissible depth in the center of the mining area will be 3.0 meter.
- The project Proponent shall ensure that where ever deployment of labor attracts mines act, the provision thereof shall be strictly followed.
- The committee also suggested that mine site should have well demarcated safety zone from nearby bridges, educational institution or structures of historical importance.
- The mining operation would provide local employment and bring economic benefit to local population.
- The Project Proponent shall obtain prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) if any, required for the project.
- Project Proponent shall provide Rs 3.0 lakh for modernizing Chemistry/Biology Lab of nearby Govt. Inter College and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall carryout impact assessment study for aquatic fauna along with mitigation measures and submit documentary evidence to SEIAA along with six monthly compliance report.
- Project Proponent shall inform to SEIAA in case of change of evacuation plan.
- The committee desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 2000 plants in 3.0 Ha. will be planted in first two years followed by maintenance in the next three years & the proponent will distribute fruit bearing trees species to local villagers. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done.**
- The proponent shall provide Eco-friendly toilets for the laborers.
- The mining operation would provide local employment and bring economic benefit to local population.
- The Project Proponent shall follow Sustainable Sand Mining Management Guideline, 2016 & Enforcement and Monitoring Guideline for Sand Mining, 2020.

Munna

Sharma

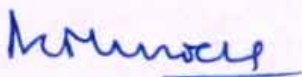
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- Approved DSR of District Champawat is present before the SEAC. The Name of the Project Proponent is mentioned in the DSR.
- The Project Proponent has submitted a Cluster Certificate issued by Mining Department, Uttarakhand vide his letter no- 1013 dated- 10.01.2024 stating that there is no another mining lease falls within 500 m radius of the lease area, whose cumulative mine lease area <5 Ha.
- The Project Proponent has submitted a certificate issued by CCF, I.T Cell of Forest Department, Uttarakhand vide his letter no 3201-2D/5/2024-I.T.Forest Dept. dated- 31.01.2024 stating that the proposed area for mining does not lies within 10 KM of any National Park/Sanctuary.
- The mine working will be open cast by manual method without involving drilling & blasting. The mining is confined to extraction of Sand/Bajri/Boulder(River Bed Material).
- The extraction of Sand/Bajri/Boulder(River Bed Material)shall be stopped during monsoon season.
- **The quantity of mineral to be extracted should be fixed sustainably based on replenishment study& shall be submitted to SEIAA for approval.**
- The Project Proponent shall obtain prior permission of the competent authorities for drawl of requisite quantity of water (surface water and ground water) if any, required for the project.
- It shall be ensured that there is no leakage of oil and grease in the river from the vehicles use for the transportation.
- Vehicular emission shall be kept under control and regularly monitored. The vehicles carrying minerals shall not be over loaded.
- Periodical medical examination of the workers engaged in the project shall be carried out and records are to be maintained.
- Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- Consent to Establish shall be obtained from Uttarakhand Pollution Control Board under relevant provisions of Central Air Act and Central Water Act before starting up of any mining activity at the site.
- Regular health checkup of workers by recognized medical practitioners shall be ensured by the Project proponent and shall submit report to SEIAA along with six monthly compliance report.
- The project proponent will submit reports pertaining to ambient air quality, report pertaining to ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- This Environmental Clearance (E.C.) is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The EC issued will be coterminus with the Forest Clearance issued by MoEF&CC, GOI.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

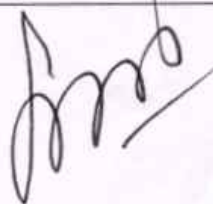
Based on above observations and subject to conditions (**Annexure-1**), the committee recommended the above project for grant of Environmental Clearance.

Proposal – 12

Online proposal No.	SIA/UK/INFRA2/459651/2024
Name of the Project	Construction of Satellite Centre comprising of 280 Bedded Multispecialty Hospital, Sr. Hostel, Nurses Hostel, Type-4 Qtrs, Ancillary Non-Residential Buildings e.t.c for AIIMS, Rishikesh at Village-Khurpia Farm, Tehsil- Kichha, Dist- Udham Singh Nagar
Name & Address of Proponent	M/s All India Institute Of Medical Sciences (AIIMS), Rishikesh, Dist- Dehradun











Whether Project	New/Expansion New
Total Plot Area	404686.00 m ²
Total Built up Area	48900.61 m ²
Project Category	8(a) as enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/INFRA2/459651/2024 on dated 23rd January, 2024 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Construction of Satellite Centre comprising of 280 Bedded Multispecialty Hospital, Sr. Hostel, Nurses Hostel, Type-4 Qtrs, Ancillary Non-Residential Buildings e.t.c for AIIMS, Rishikesh. The proponent has submitted detailed project related information in Form 1, Form 1-A, Conceptual Plan. **Project was prepared by Accredited consultancy firm AGS Environmental Services Pvt. Ltd. and project was presented by Shri Ashish Tripathi, Managing Director.**

The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The Project proponent has not submitted an approved layout plan for Construction of Satellite Centre comprising of 280 Bedded Multispecialty Hospital, Sr. Hostel, Nurses Hostel, Type-4 Qtrs, Ancillary Non-Residential Buildings e.t.c for AIIMS, Rishikesh at Village- Khurpia Farm, Tehsil- Kichha, Dist- Udham Singh Nagar from competent authority.

Since the project proponent has neither submitted map/layout approved by competent authority nor it has submitted the copy of the layout plan sent for approval to competent authority. Thus the committee is of the view that this project shall be deferred till the submission of requisite documents by the project proponent.

Proposals as Uploaded on PARIVESH 1.0

Consideration/Reconsideration of Proposals For Environmental Clearance (E.C.)

Proposal – 13

Online proposal No.	SIA/UK/MIN/448370/2023
Site Details	Proposed Extraction of Soapstoneat Pokhari Urf Pokhari Tehsil - Joshimath, District- Chamoli.
Name & Address of Proponent	Shri Sandeep Singh S/o Shri Narendra Singh 213, Pokhari, Pokhari Nagnath, Chamoli, DistrictChamoli, Uttarakhand
Coordinates	Latitude- 30°28'22.9"N to 30°28'22.7"N Longitude- 79°26'11.7"E to 79°26'10.3"E
Mining Lease Area	4.494 Ha.
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006

The project was submitted vide proposal no SIA/UK/MIN/448370/2023 on dated 19th December, 2023 by the project proponent. The committee observed that proponents seek Environmental Clearance for extraction of Soapstone in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a).The proponent has applied with detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Eco Laboratories & Consultants Pvt. Ltd. and project was presented by Shri Bhuwan Joshi, EIA Coordinator.** The details of the project are as follows:-

S.No.	Parameters	Description
1.	Name of the Project Proponent	Sandeep Singh S/o Sh. Narendra Singh,
2.	Registered Address	213, Pokhari, Pokhari Nagnath, District- Chamoli, Uttarakhand.
3.	Full correspondence address of proponent and mobile no.	213, Pokhari, Pokhari Nagnath, District- Chamoli, Uttarakhand.
4.	Name of Project	Pokhari Urf Pokhani Soapstone Mining Project
5.	Project Location (Plot. Khasra/Gata No.)	1427, 1428, 1429, 1430, 1431eetc.
6.	Name of Village	Pokhari Urf Pokhani
7.	Tehsil	Joshimath,
8.	District	Chamoli
9.	State	Uttarakhand

M. M. M. M. M.

Shri Bhuwan Joshi

Shri Sandeep Singh

20

Shri Ashish Tripathi

10.	Name of Minor Mineral	Soapstone																																																																		
11.	Sanctioned Lease Area (in Ha.)	4.494Hectare																																																																		
12.	Max. & Min mRL within lease area	1247m to 1097m																																																																		
13.	Pillar Coordinates (Verified by DMO)	<div>Total 21 Number of Pillar Coordinates</div> <table><tr><th>Pillar No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>1</td><td>30°28'22.90"N</td><td>79°26'11.70"E</td></tr><tr><td>2</td><td>30°28'17.50"N</td><td>79°26'13.10"E</td></tr><tr><td>3</td><td>30°28'16.30"N</td><td>79°26'15.30"E</td></tr><tr><td>4</td><td>30°28'15.20"N</td><td>79°26'15.60"E</td></tr><tr><td>5</td><td>30°28'14.40"N</td><td>79°26'16.60"E</td></tr><tr><td>6</td><td>30°28'13.90"N</td><td>79°26'16.00"E</td></tr><tr><td>7</td><td>30°28'14.40"N</td><td>79°26'15.20"E</td></tr><tr><td>8</td><td>30°28'13.40"N</td><td>79°26'15.90"E</td></tr><tr><td>9</td><td>30°28'13.40"N</td><td>79°26'14.90"E</td></tr><tr><td>10</td><td>30°28'14.50"N</td><td>79°26'13.90"E</td></tr><tr><td>11</td><td>30°28'13.60"N</td><td>79°26'12.30"E</td></tr><tr><td>12</td><td>30°28'15.10"N</td><td>79°26'09.70"E</td></tr><tr><td>13</td><td>30°28'13.90"N</td><td>79°26'09.20"E</td></tr><tr><td>14</td><td>30°28'13.20"N</td><td>79°26'07.70"E</td></tr><tr><td>15</td><td>30°28'13.30"N</td><td>79°26'04.50"E</td></tr><tr><td>16</td><td>30°28'12.50"N</td><td>79°26'03.30"E</td></tr><tr><td>17</td><td>30°28'13.90"N</td><td>79°26'03.40"E</td></tr><tr><td>18</td><td>30°28'16.60"N</td><td>79°26'07.30"E</td></tr><tr><td>19</td><td>30°28'19.00"N</td><td>79°26'08.70"E</td></tr><tr><td>20</td><td>30°28'21.90"N</td><td>79°26'09.30"E</td></tr><tr><td>21</td><td>30°28'22.70"N</td><td>79°26'10.30"E</td></tr></table>	Pillar No.	Latitude	Longitude	1	30°28'22.90"N	79°26'11.70"E	2	30°28'17.50"N	79°26'13.10"E	3	30°28'16.30"N	79°26'15.30"E	4	30°28'15.20"N	79°26'15.60"E	5	30°28'14.40"N	79°26'16.60"E	6	30°28'13.90"N	79°26'16.00"E	7	30°28'14.40"N	79°26'15.20"E	8	30°28'13.40"N	79°26'15.90"E	9	30°28'13.40"N	79°26'14.90"E	10	30°28'14.50"N	79°26'13.90"E	11	30°28'13.60"N	79°26'12.30"E	12	30°28'15.10"N	79°26'09.70"E	13	30°28'13.90"N	79°26'09.20"E	14	30°28'13.20"N	79°26'07.70"E	15	30°28'13.30"N	79°26'04.50"E	16	30°28'12.50"N	79°26'03.30"E	17	30°28'13.90"N	79°26'03.40"E	18	30°28'16.60"N	79°26'07.30"E	19	30°28'19.00"N	79°26'08.70"E	20	30°28'21.90"N	79°26'09.30"E	21	30°28'22.70"N	79°26'10.30"E
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14.	Letter of Intent	Letter of Intent (Lol) No. 1729/VII-1/2014/31-Soapstone/2016, Dated 29-12-2016 , for a period of Twenty-Five (25) years.																																																																		
15.	Mine Plan approval details	Letter No. 74 / गौणखनिज / स्की0आ0मा0-109 / भू0खनि0ई0 / 2017-18,दिनांक:-09/04/2018																																																																		
16.	Validity of Mine Plan	For First 5 Years																																																																		
17.	Total geological Reserves	4,74,583.00Tonnes																																																																		
18.	Total Proposed Production/Year	<table><tr><td>First Year</td><td>6322</td></tr><tr><td>Second Year</td><td>7169</td></tr><tr><td>Third Year</td><td>8631</td></tr><tr><td>Fourth Year</td><td>10,345</td></tr><tr><td>Fifth Year</td><td>15,209</td></tr></table>	First Year	6322	Second Year	7169	Third Year	8631	Fourth Year	10,345	Fifth Year	15,209																																																								
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19.	Sanctioned Period of Mine lease	Twenty-Five (25) Years																																																																		
20.	Method of Mining	Opencast Semi-mechanized																																																																		
21.	No. of working days	240																																																																		
22.	Working hours/day	10 hr/day																																																																		
23.	No. of workers	82																																																																		
24.	Type of Land	Agriculture private land																																																																		
25.	Ultimate Depth of Mining	12m																																																																		
26.	Water Requirement	4.0 KLD																																																																		
27.	Any litigation pending against the project or land in any court	None																																																																		
28.	Ecological Sensitive Map/zone	Kedarnath wildlife sanctuary is about 2.5kms away from the proposed project (for exact distance, certificate is awaited from IT Cell, Forest Department)																																																																		
29.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	There are no existing mines yet within the 500m buffer zone of the proposed lease area, (Cluster Certificate submitted).																																																																		
30.	Proposed CER cost (Rs.)	3.50 Lakhs																																																																		
31.	Proposed EMP cost (Rs.)	7.20 Lakhs																																																																		
32.	No. of Trees to be Planted.	5000 Trees																																																																		
33.	Detail of CTE/CTO issued by UKPCB	Yet to be granted																																																																		

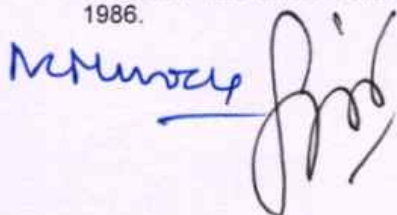
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The Committee after examining the original proposal and after going through the presentation done by the consultant has made the following observations-

- The committee further directed that mining/extraction of mineral and progressive mine closure should be done as per the approved mine plan.
- The committee also suggested that mine site should have well demarcated safety zone i.e. mining operation will not be carried out in the vicinity of 100 m from nearby bridges, educational institution or structures of historical importance.
- The committee desired that proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 3300 plants in 3.0 Ha. will be planted in first two years followed by maintenance in the next three years & the proponent will distribute fruit bearing trees species to local villagers. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done.**
- The proponent shall provide Eco-friendly toilets for the laborers.
- The mining operation would provide local employment and bring economic benefit to local population.
- Approved DSR of District Chamoli is present before the SEAC. The Name of the Project Proponent is mentioned in the DSR.
- The Project Proponent has submitted a Cluster Certificate issued by Mining Department, Uttarakhand vide his letter no-390 dated-02.02.2019 stating that there is no mining lease falls within 500 m radius of the lease area, whose cumulative mine lease area >5 Ha.
- **The project proponent shall submit authentic list of flora & fauna along with six monthly compliance report.**
- **The Project Proponent shall submit a detail of the socio-economic status of the villages falling within 10.0 Km radius of the project area.**
- **Project Proponent shall provide Rs 3.0 lakh for modernizing Chemistry/Biology Lab of nearby Govt. Inter College and submit documentary evidence to SEIAA along with six monthly compliance report.**
- **Project Proponent shall carryout impact assessment study for aquatic fauna along with mitigation measures and submit documentary evidence to SEIAA along with six monthly compliance report.**
- The project proponent shall submit quarterly reports pertaining to ambient air quality, ground water quality and noise. These reports should be monitored and generated by a NABL approved laboratory having scope of it.
- All the vehicles being used for transportation from the mine site should have a valid pollution under control certificate.
- The Proponent shall ensure installation of water sprinklers within the premises to prevent dust hazards.
- Adequate drinking water and sanitation facility shall be provided on site for the workforce. Provision shall be made for supply of domestic fuel to the workforce so that they do not remain dependent on adjoining forest areas for fuel wood.
- The project proponent shall ensure proper collection, treatment and disposal of mule excrete.
- The project proponent shall undertake suitable measures to avoid spillage of over burden and inter burden. During monsoon stocked over burden shall be covered so that it will not spill into nearby water bodies.
- The project Proponent shall ensure the reclamation of mining area as per mine closure plan at his own cost.
- The project proponent shall undertake all the activities agreed during public consultation.
- The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project.
- The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.
- The EC issued will be coterminus with the Forest Clearance issued by MoEF&CC, GOI.
- The ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of Environment Protection.
- Concealing factual data or submission of false/fabricated information/data and failure to comply with of any conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.



Based on above observations and subject to submission original ecological sensitive certificate of 10 Km radial distance from competent authority and conditions (**Annexure-2**), the committee recommended the above project for grant of Environmental Clearance. A sub-committee may visit the project site on mutually agreed date.

Consideration/Reconsideration of Proposals For Terms of Reference (ToR)

Proposal – 14

Online proposal No.	SIA/UK/MIN/433736/2023
Site Details	Re-Appraisal of existing Soapstone mining at Vill- Bhingari, Tehsil- Gangolihat, District- Pithoragarh.
Name & Address of Proponent	Shri Manoj Kumar Joshi S/o Shri Gireesh Chandra Joshi R/o- Vill- Bhingari, Tehsil- Gangolihat, District- Pithoragarh
Coordinates	Latitude- 29°45'29.13"N to 29°45'24.35"N Longitude- 79°57'00.35"E to 79°56'59.48"E
Mining Lease Area	4.463 Ha
Category	B2 & 1(a) enlisted in project /activity as per EIA Notification, 2006. But as per O.M No- F.No.L-11011/175/2018-IA-II(M) dated-12-12-2018, the project has been screened in to category B1 (cluster formation of >5 Ha with in 500 meter periphery of concerned mine).
DEIAA E.C No	06/DEIAA/ 2017-18 dated- 28.02.2018

The project which was earlier granted E.C by DEIAA has been submitted for Re-Appraisal vide proposal no SIA/UK/MIN/433736/2023 on dated 19th June, 2023 by the project proponent. The committee observed that the proponent is seeking Environmental Clearance for Re-Appraisal of existing Soapstone mining in accordance with the provisions of EIA Notification, 2006 as enlisted in Schedule 1(a). As per the MoEF&CC No- 3181 dated- 14-08-2018 the project fall in B2. But according to latest O.M of MoEF&CC Impact Assessment Division's O.M No- F.No.L-11011/175/2018-IA-II(M) dated-12-12-2018 the following mining project is falling in B1 category because there are other mine leases which are within the aerial distance of 500 meter of the above mining site. The proponent has submitted detailed project related information in Form 1, Pre Feasibility Report and EMP. **Project was prepared by Accredited consultancy firm Eco Laboratories & Consultants Pvt. Ltd. and project was presented by Shri Bhuwan Joshi, EIA Coordinator.**

Hence, committee agreed to recommend **ToR (Annexure-3)** to the proponent for preparation of EIA report. The Project Proponent shall obtain clearance under the Wildlife (Protection) Act, 1972 from the competent Authority as may be applicable to this project. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court. The Project Proponent shall carry out geological stability study along with detailed flora and fauna investigation by subject specialist. The Project Proponent shall submit mitigation plan for avoiding the runoff and leaching of debris during the monsoon. The project proponent shall submit the compliance pertaining to the checklist provided in Govt. of India, MoEF&CC O.M. No- IA3-22/11/2023-IA.III(E-208230) dated- 28.04.2023. The Project Proponent shall submit a list of flora and fauna of the mine lease area duly verified by concerned DFO. The Project Proponent shall submit a detail of the socio-economic status of the villages falling within 10.0 Km radius of the project area.

(Shri S.S. Bist)
Chairman, SEAC

(Dr. A.K. Minocha)
Member, SEAC

(Dr. Ashutosh Gautam)
Member, SEAC

(Dr. B.P. Purohit)
Member, SEAC

(Shri Nitish Mani Tripathi)
Member Secretary, SEAC

- 1) Legal status of the mining lease area shall remain unchanged and the Environmental Clearance shall remain coterminous with the lease period. The mined lease area shall not be used for any purpose other than that specified in the proposal
- 2) In case of flash flood and river changing its meandering course, then fresh proposal has to be submitted for grant of Environmental Clearance
- 3) The project proponent shall formulate a transparent and unbiased procedure for engagement of labourers for sustainable extraction of the minor minerals from the mining lease area
- 4) The boundary of the mined lease area shall be demarcated on ground by erecting pillars, each inscribed with its serial number, DGPS coordinates, forward and back bearing, and distance from adjoin pillars etc. This demarcation will be ensured by the Revenue Department. A bench mark will be established to monitor depth of the mining
- 5) Extraction of minor minerals shall be restricted to middle half of the width of river bed/mining site after leaving intact the one-fourth of width of the river bed/mining site along its each bank. Breaking of boulders shall not be permitted in the mining lease area
- 6) The collection of minor minerals during a working season shall start from centre of the river/mining site width and shall gradually extend to the boundary of the permissible area so as to ensure maintenance of river geometry. The maximum permissible depth for collection of minor minerals at centre of the river/mining site width shall be fixed at 1.5 meter or up to ground water level whichever is less
- 7) Extraction of minor mineral shall be permissible from 1st October of every year to 15th June of the subsequent year. It shall be ensured that no mining activity is carried out during the monsoon season. Workers should be advised and protected against flash flood during 1st June to 15th June and 1st Oct to 31st Oct during which there may be rains in the hills
- 8) The project proponent has to regulate and maintain record of the quantity of minor minerals extracted during a season. The monitoring shall be ensured by Mines Department/District Administration from time to time
- 9) The extraction of sand, bajri and boulder shall be carried out in open cast manual method as per the approved mine plan.
- 10) The collection time of RBM shall be from sun-rise to sun-set
- 11) The project proponent shall strictly adhere to the norms of Transport Department in refraining from use of polluting and less fuel efficient vehicles for transporting extracted minor minerals. There shall be no over loading of vehicles as against standard norms fixed by Central Government/State Government/Hon'ble Courts from time to time
- 12) There shall be no labour camp in the mining lease area for the labour engaged in collection of the minor minerals. The labour engaged in collection/extraction work shall be provided free fuel wood/alternate source of energy to avoid any pressure on adjoining forest land.
- 13) The proponent shall erect eco friendly mobile toilets for the workforce at site and shall ensure disposal of solid waste as per the existing provisions/rules/guidelines
- 14) The Geology and Mining department shall ensure site specific river training works at the work site to ensure bank protection. A Corpus fund for this purpose will be set up and kept at the disposal of District Magistrate
- 15) The Geology and Mining department should identify an agency for regular/periodical monitoring of quality of ground water of existing hand pumps and tube wells in the vicinity of the mining site
- 16) The project proponent shall ensure that maximum local labour be engaged and hence employment opportunity provided. The project proponent shall follow all safety measures for labour force engaged in accordance with respected Acts/Rules
- 17) The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the Rules prescribed in this regard thereby clearly delineating the **No Work Zone** in the mine lease area i.e. the distance from the bank of river/mine site to be left un-worked (Non mining area), distance from the bridges etc. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard
- 18) The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area are not affected.

Mr. Minoo

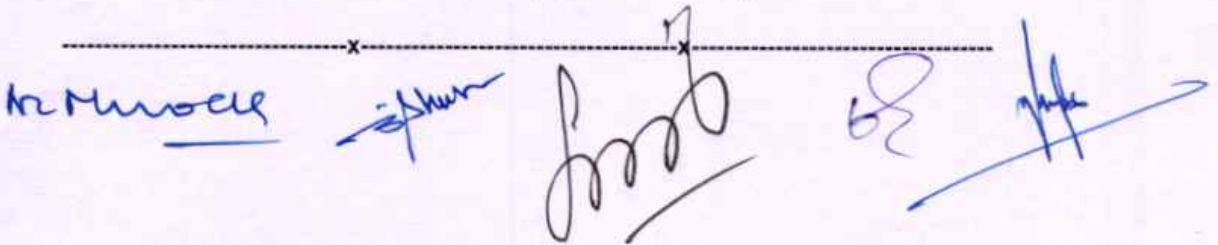
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- 19) The project proponent shall ensure refraining from leaving behind clothes, personal belongings of labour engaged, polythene, plastic bottles, carton etc or any other solid waste in work site at the end of working season
- 20) The project proponent will provide protective respiratory devices to workers working in dusty areas and they shall also be provided with adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
- 21) Photography of the proposed mining site as well as the plantation sites undertaken by the project proponent showing GPS coordinates should be done (preferably using Drone) and submitted to SEIAA and regional office of MoEF&CC, Govt of India at Dehradun along with half-yearly compliance report.
- 22) The project proponent should plant as suggested by SEAC in first 2 years and followed by maintainance in the last 3 years. The plants should be planted in the buffer zone of the mining site and in the blank area near by van panchayats/gram sabha land.
- 23) The above environmental safeguards shall be implemented in letter and spirit. The project proponent shall establish Environment Monitoring Cell and also submit six monthly compliance reports to this Authority and regional office of MoEF&CC, Govt of India at Dehradun
- 24) The project proponent shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project

-----x-----x-----



1. The legal status of the mining lease area shall remain unchanged and the Environment Clearance shall remain coterminus with lease period. The mined lease area shall not be used for any purpose other than that specified in the proposal
2. The mining/extraction of soapstone shall not be done without approved mine plan from designated authority. The mine plan should be revised every 5 years and no fresh mine plan shall be prepared without site inspection by designated authority
3. The boundary of the mined lease area shall be demarcated on ground by erecting pillars, each inscribed with its serial number, DGPS coordinates, forward and back bearing, and distance from adjoining pillars etc. This demarcation will be ensured by the Revenue Department. A bench mark will be established to monitor depth of the mining. A safety zone of 7.5 mt (surrounding the mine site) shall be left free from mining
4. The mining shall be carried out **as per approved mine plan** without adopting drilling and blasting operation. The use of hand held mechanically driven equipment is permitted. The use of any electrically driven machinery shall be remain prohibited and only hand held tools shall be used for extraction of the mineral
5. Soapstone mining shall be carried out during sunrise to sunset period only. It shall not involve felling of trees and clearance of vegetation. There shall be no permanent construction at the site except temporary erection of first aid room, office, store, drinking water shed, rest shelter etc.
6. The process of mining and quantity of extractable mineral and subsequently progressive mine closure shall be as per the approved mine plan. The mining operation shall be carried out from formation of benching pattern. The maximum height of benches shall not exceed 1.5 mt and ultimate pit slope shall be kept as per the approved mining plan.
7. The maximum permissible depth for mining of soapstone shall not exceed 6 meter or depth of ground water table whichever is less. During first five years of mining lease the depth of mining shall not exceed 3 meter. Mining beyond 6 meter shall be granted after site visit by SEAC
8. Mining shall be permissible from 1st October of every year to 15th June of the subsequent year. It shall be ensured that no mining activity is carried out during the monsoon season
9. Reclamation of the mine lease area shall be through back filling, stabilization and cultivation. The waste and top soil generated during mining shall be temporarily stacked in external dump which will be subsequently vacated and back filled in mined out pits. The waste generated in the area will be backfilled during rains and land made suitable for cultivation. Back filling shall be done in a retreating manner as per the approved mine plan. Mining activity and back filling shall be done simultaneously once space is available
10. No disturbance to natural drainage system around the mining lease area shall be done. No mixing of wastes is allowed. The dump site shall be kept away from the nearby nallahs/water bodies and maintained at a distance of at least 100 meters. The external dump shall be protected against slide/slip by adopting suitable mechanical and vegetative measures. Proponent should construct a retaining wall, along the nallah side, with suitable height to protect soil erosion. The construction of toe wall, check dam and planting of grass species/soil binding dwarf species in dump yard shall be done
11. The project proponent shall undertake transportation of mineral from pit head to read head manually or by mule. Further it shall strictly adhere to the norms of Transport Department in refraining from use of polluting and less fuel efficient vehicles for transporting extracted minerals to final destination. There shall be no over loading of vehicles as against standard norms fixed by Central Government/State Government/Hon'ble Courts from time to time
12. The project proponent shall regulate and maintain record of the quantity of soapstone extracted during a season. The monitoring shall be ensured by Mines Department/District Administration from time to time.
13. There shall be no labour camp in the mining lease area for the labour engaged in mining of soapstone. The labour engaged in mining shall be provided free fuel wood/alternate source of energy to avoid any pressure on adjoining forest land
14. Proponent should submit surface water quality and ambient air quality monitoring report as committed in EMP, with suitable parameters
15. Under corporate social responsibility proponent should develop community services such as drinking water, education, housing, sanitation, health, safety and medical facilities, public transportation and communication, social welfare etc.
16. The proponent shall erect eco friendly mobile toilets for the workforce at site and shall ensure disposal of solid waste as per the existing provisions/rules/guidelines
17. Afforestation shall be carried out in nearby Van Panchayat. The species selection shall be site specific and cater to the demand of the Van Panchayat. The concerned district official of State Forest Department shall ensure the compliance.
18. The Geology and Mining department shall identify an agency for regular/periodical monitoring of quality of ground water of existing hand pumps and tube wells in the vicinity of the mining site




19. The project proponent shall formulate a transparent and unbiased procedure for engagement of laborers for sustainable extraction of the minerals from the mining lease area. The project proponent shall ensure that maximum local labour be engaged and hence employment opportunity provided. The project proponent shall follow all safety measures for labour force engaged in accordance with relevant Acts/Rules
20. The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the Rules prescribed in this regard thereby clearly delineating the No Work Zone in the mine lease area i.e. at least 100mt distance from Nallahs/Water Bodies, bridges, educational institution or structures of historical importance.
21. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. It shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard
22. The project proponent shall provide protective respiratory devices to workers working in dusty areas and they shall also be provided with adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained
23. The proponent shall erect eco friendly mobile toilets for the workforce at site and shall ensure disposal of solid waste as per the existing provisions/rules/guidelines
24. The project proponent shall ensure compliance to provisions of the all Acts, Rules, Regulations and Guidelines, for the time being in force, as applicable to the project
25. The project proponent should plant as suggest by SEAC in first 2 years and followed by maintenance in the last 3 years. The plants should be planted in the buffer zone of the mining site and in the blank area near by van panchayats/gram sabha land.
26. Photography of the proposed mining site as well as the plantation sites undertaken by the project proponent showing GPS coordinates should be done (preferably using Drone) and submitted to SEIAA and regional office of MoEF&CC, Govt of India at Dehradun along with half-yearly compliance report.
27. The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
28. The above environmental safeguards shall be implemented in letter and spirit. The project proponent shall establish Environment Monitoring Cell and also submit six monthly reports on the status of the compliance of the stipulated E.C conditions including results of monitored data to this Authority and Integrated regional office of MoEF&CC, Govt of India at Dehradun.

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Mr. Anand S. Kumar Shri. D. D. Shri. D. D.

Terms of Reference (ToR)

Terms of Reference (TOR) for preparation of Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) for "Mining of Minerals" as per the EIA Notification, 2006 has been devised to improve the quality of the reports and facilitate decision-making transparent and easy. TOR will help the project proponents to prepare report with relevant project specific data and easily interpretable information. TOR for mining of minerals is expected to cover all environmental related features.

Mining of minerals plays a positive role in the process of country's economic development. In addition to the contribution towards economic growth, mining can also be a major source of degradation of physical as well as social environment, unless it is properly managed. Environmental impacts can arise during all activities of the mining process. Minimizing the damage due to mining operations depends on sound environmental practices in a framework of balanced environmental legislation. The potential adverse effects of mining activities include air pollution, surface and groundwater pollution, noise and vibration, damage to local ecology, natural topography and drainage, depletion of water resources etc. All these environmental components are required to be considered while selecting a proper methodology of mining, mitigation measures to reduce pollution load, conservation of natural resources etc.

The projects of mining of minerals as stated in the schedule require prior environment clearance under the EIA notification, 2006. Category 'A' Projects are handled in the MoEF&CC and Category 'B' projects are being handled by the respective State Environment Impact Assessment Authorities (SEIAAs) notified by MoEF&CC and following the procedure prescribed under the EIA Notification, 2006. As per this Notification, as amended, the projects of mining of minerals with mining lease area equal to or greater than 50 hectare are to be handled at the level of the MoEF&CC for grant of EC. Such projects with mining lease area less than 50 hectare are to be handled by the respective State Environment Impact Assessment Authority (SEIAA).

1(a):STANDARD TERMS OF REFERENCE FOR CONDUCTING ENVIRONMENT IMPACT ASSESSMENT STUDY FOR NON-COAL MINING PROJECTS AND INFORMATION TO BE INCLUDED IN EIA/EMP REPORT

- 1) Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification 1994 came into force, w.r.t. the highest production achieved prior to 1994.
- 2) A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
- 3) All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee. The above reports should also match with the latest District Survey Report (DSR) notification dated 25th July, 2018. **Data obtained from this DSR should be incorporated in the EIA Report for Impact Identification, Interpretation, Prediction, Carrying Capacity and Mitigation.**
- 4) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/toposheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
- 5) Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.
- 6) Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.
- 7) It should be clearly stated whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in the EIA Report.

- 8) Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.
- 9) The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.
- 10) Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.
- 11) Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.
- 12) A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.
- 13) Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.
- 14) Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.
- 15) The vegetation in the RF / PF areas in the study area, with necessary details, should be given.
- 16) A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.
- 17) Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.
- 18) A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease)] shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan alongwith budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.
- 19) Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.
- 20) Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).
- 21) R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not. The issues relating to

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shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.

- 22) One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM₁₀, particularly for free silica, should be given.
- 23) Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.
- 24) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
- 25) Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
- 26) Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.
- 27) Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.
- 28) Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia, shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.
- 29) Details of any stream, seasonal or otherwise, passing through the lease area and modification/diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
- 30) Information on site elevation, working depth, groundwater table etc. Should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.
- 31) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
- 32) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
- 33) Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.
- 34) Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.
- 35) Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.

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- 36) Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.
- 37) Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.
- 38) Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.
- 39) Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.
- 40) Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.
- 41) The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.
- 42) A Disaster management Plan shall be prepared and included in the EIA/EMP Report.
- 43) Benefits of the Project if the Project is implemented should be spelt out. The benefits of the Project shall clearly indicate environmental, social, economic, employment potential, etc.

44) Besides the above, the below mentioned general points are also to be followed:-

- a) Executive Summary of the EIA/EMP Report
- b) All documents to be properly referenced with index and continuous page numbering.
- c) Where data are presented in the Report especially in Tables, the period in which the data were collected and the sources should be indicated.
- d) Project Proponent shall enclose all the analysis/testing reports of water, air, soil, noise etc. using the MoEF&CC/NABL accredited laboratories. All the original analysis/testing reports should be available during appraisal of the Project.
- e) Where the documents provided are in a language other than English, an English translation should be provided.
- f) The Questionnaire for environmental appraisal of mining projects as devised earlier by the Ministry shall also be filled and submitted.
- g) While preparing the EIA report, the instructions for the Proponents and instructions for the Consultants issued by MoEF&CC vide O.M. No. J-11013/41/2006-IA.II(I) dated 4th August, 2009, which are available on the website of this Ministry, should be followed.
- h) Changes, if any made in the basic scope and project parameters (as submitted in Form-I and the PFR for securing the TOR) should be brought to the attention of MoEF&CC with reasons for such changes and permission should be sought, as the TOR may also have to be altered. Post Public Hearing changes in structure and content of the draft EIA/EMP (other than modifications arising out of the P.H. process) will entail conducting the PH again with the revised documentation.
- i) As per the circular no. J-11011/618/2010-IA.II(I) dated 30.5.2012, certified report of the status of compliance of the conditions stipulated in the environment clearance for the existing operations of the project, should be obtained from the Regional Office of Ministry of Environment, Forest and Climate Change, as may be applicable.
- j) The EIA report should also include (i) surface plan of the area indicating contours of main topographic features, drainage and mining area, (ii) geological maps and sections and (iii) sections of the mine pit and external dumps, if any, clearly showing the land features of the adjoining area.

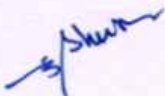
Note: 1) The study area shall comprise of radial distance of 10 KM from the project site and the study period is three months. The impact on each of the above parameter as a result of mining shall be assessed through appropriate modeling and prediction methods considering base line data.

2) District Survey Report should be submitted as per the latest notification issued by MoEF&CC.

Additional TOR:

1. Project Proponent shall carry out detailed stability study of the project area as it is falling near to natural disaster prone Joshimath area.
2. Project Proponent shall carry out detailed investigation on impact of the mining activity on the tourist activity and the aquatic bio-diversity.











3. To ensure proper monitoring, the project proponent/consultant should provide evidence in for of (A) Raw Data (B) Logbook of their site visit along with activities carried out during monitoring (C) Real time photographs showing monitoring machine, public, lab person etc. Proprietor/proprietor representative should be present at the time of monitoring and monitoring should be conducted as per CPCB SOP/NABET/QCI guidelines. Lab responsible person should be present at the time of EIA presentation.
4. EIA coordinator & FAE should give a photo affidavit during EIA presentation that they have personally visited the site & they have also taken all the mitigating measures for any critical issues involved in the project.
5. The project proponent will have to inform the schedule of monitoring/data collection programme to the SEIAA, Uttarakhand before start of data collection. In case of failure, the collected baseline monitoring data will be treated as null and void.
6. The details of equipment used for baseline monitoring alongwith its photograph mentioning date, time and geo coordinates for preparation of EIA report should be clearly displayed to the people present during public hearing and the complete details related to monitoring period must be mentioned in the minutes of public hearing.
7. Original lab analysis report of the project proposal along with EIA report should be uploaded on Parivesh Portal.
8. Combined KML of all mines in a cluster should be submitted at the time of EIA.
9. The project proponent/Consultant should identify the core & buffer zone (2.5 km) of the mining site.
10. Agreement/ Consent between project proponent and competent authority/ landowner for haulage road from lease site to link road to be submitted at the time of EIA presentation.
11. Proponent/ Consultant should submit the plan/information along with technology (photographs of water sprinklers/ tankers) to be implemented for mitigating dust at source points in lease area and haulage road during operation activity/vehicular movement. Technology should be displayed at the time of EIA presentation.
12. Proposed plantation plan with area specific plant species, number of plants to be planted and place of plantation along with a proper map to be submitted at the time of EIA presentation.
13. Water requirement details along with source of water and the permission/ agreement with the concerning authority/ person to be submitted at the time of EIA presentation.
14. Proponent/consultant shall present TOR specific/additional conditions compliance, observation/suggestions raised during the public hearing and commitment made by the project proponent in a tabular form with a time bound plan at the time of EIA presentation.
15. Corporate Social Responsibility (CSR) to be prepared as per the MoEF&CC guidelines and present it at the time of EIA presentation.

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