



सत्यमेव जयते

File No.: EC-01(175)/2024
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), UTTARAKHAND)



Dated 26/11/2024



To,

HARSHITA BISHT
HARSHITA BISHT
R/O- OFFICERS COLONEY DUBAKIA TEHSIL & DISTRICT-ALMORA, ALMORA,
UTTARAKHAND, 263601
harshitabist84@gmail.com

Subject: Grant of prior Environmental Clearance (EC) to the proposed Mining Project under the provisions of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/UK/MIN/495404/2024 dated 06/09/2024 for grant of prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C0108UK5948367N
(ii) File No.	EC-01(175)/2024
(iii) Clearance Type	Mining EC Under 5 Ha
(iv) Category	B2
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	Boulder & Stone Deposit (Area: 0.668 ha)
(ix) Location of Project (District, State)	ALMORA, UTTARAKHAND
(x) Issuing Authority	SEIAA
(xii) Applicability of General Conditions	No

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-2(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA for an appraisal by the SEIAA under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by SEIAA in the meeting held on 15/10/2024. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above. Brief description of the project is as under:

5. Details of the minerals to be mined along with production capacity and the brief on the salient features of the project as submitted by the project proponent in Form 1 (Part A and B) in the reports and as presented during SEIAA are annexed to this EC as Annexure (1).
6. The SEIAA, in its meeting held on 15/10/2024, based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of Specific and Standard EC conditions as detailed in the point below.
7. The SEIAA has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the SEIAA hereby accords Environment Clearance for the instant proposal to M/s. HARSHITA BISHT under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (2)
8. The Ministry reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
11. Validity of EC is upto 06/09/2024 from which the prior environmental clearance is granted by the regulatory authority.
12. General Instructions:
 1. The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.
 2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
 3. The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
 4. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
 5. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 6. The Regional Office of this SEIAA shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 7. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

13. This issue with an approval of the Competent Authority.

Copy To

N/A

Annexure 1

Standard EC Conditions for (Mining of minerals)

1. Statutory Compliance

S. No	EC Conditions
1.1	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

Additional EC Conditions

1- Conditions to be complied before commencing mining operations:-

1) Environment Clearance is granted to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of Uttarakhand and any other court of law, if any, as may be applicable to this project.

2) Project Proponent shall implement the Disaster Management Plan as the mine area is located in Seismic Zone IV. Project Proponent should submit the disaster plan within three months and form a committee to have check over any disaster to warn workers well before for the safety of workers. Emergency helpline number will be displayed at all levels.

3) The project proponent should advertise with basic details at least in two widely circulated local newspapers, within seven (7) days of the receipt of the clearance letter informing that the project has been accorded environmental clearance by the State Environment Impact Assessment Authority, Dehradun and a copy of the same be sent to the Regional Office of Ministry of Environment and Forest, Government of India located at 25 Subhash, Road Dehradun.

4) A display board shall be erected in Hindi at each of the following place.

- At project site
- In nearest village
- At the entrance of the village road from the main Road (ie)SH/NH etc. The information should be given in bold and visible letters.

5) A copy of the Environmental Clearance letter shall be sent by the proponent to the concerned Panchyat and the local NGO, if any from whom suggestion/representation, if any, were received while processing the proposal.

2) Conditions for operation phase

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 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

5) The maximum permissible depth for mining of Stone Boulder shall not exceed 6 meters or depth of ground water table whichever is less. During first five years of mining lease the depth of mining shall not exceed 3 meters. **Mining beyond 6 meters will be considered after site visit by SEAC.**

6) Bore core hole drilling shall be carried out upto adequate depth to ascertain the grade of material. This shall be carried out in this first year and report should be submitted to SEIAA along with six monthly compliance report.

7) Overall pit slope shall not be more than 30° and bench slope shall not exceed 68°.

8) Gradient of haul road shall be 1:16.

9) 10 mt barrier zone should be done on both side of nalla, depression passing through the area and shall be restricted zone for mining.

10) Gravity retaining wall width 1.5 m and 1.0 mt height shall also be erected at the base of back field pit and at the base and side of dump and all along the nalla to control siltation into nallah.

11) Maintenance and cleaning of check dam shall be carried out regularly.'

12) The over burder/inter burden will be dumped separately towards slope of working pit secured with gravity

retaining wall.

13) Hanging of loose boulders shall be removed from mine faces.

14) The storage of mined material should be done in the leased area only. The mined material should be covered by tarpauline.

15) The mule dung should be cleared and shall be put in separate pits and should be covered a layer of soil. Care shall be taken that there shall be no leaching from this site.

16) 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.

17) Stone Boulder 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.

18) 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 3.00 mt and ultimate pit slope shall be kept as per the approved mining plan.

19) The project proponent shall construct 2 nos of toilets (1 male & 1 female) in nearby school with water tank and solar lights facility and shall maintain the same on regular basis.

20) The project Proponent shall ensure that where ever deployment of labor attracts mines act, the provision thereof shall be strictly followed.

21) The mining operation would provide local employment and bring economic benefit to local population.

22) 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.

23) The proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 1000 plants in 1.0 Ha. will be planted in first two years followed by maintenance in the next three years. In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done under the tree plantation campaign "Ek Ped Ma Ke Naam" launched by Hon'ble Prime Minister of India.

24) Project Proponent shall provide Rs3.0 lakh for modernizing Chemistry/Biology Lab of nearby Govt. Inter College and submit documentary evidence to SEIAA along with six monthly compliance report.

25) Project Proponent shall inform to SEIAA in case of change of evacuation plan.

26) Project Proponent shall submit numbers of vehicles used per day for transportation of mined minerals to and fro.

27) The extraction of Stone Boulder shall be stopped during monsoon season.

28) The quantity of mineral to be extracted should be fixed sustainably based on replenishment study.

29) 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.

30) Vehicular emission shall be kept under control and regularly monitored. The vehicles carrying minerals shall not be over loaded.

31) Periodical medical examination of the workers engaged in the project shall be carried out and records are to be maintained.

32) Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.

33) 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.

34) 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.

35) 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.

36) 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.

37) The mining/extraction of mineral and progressive mine closure should be done as per the approved mine plan. The mine plan should have validity till the mining period

38) The project area shall be strictly used for the activities permitted. The workers will be strictly instructed to not to enter in the adjoining forest and not to harm any wildlife and existing vegetation for their various needs. No work shall be carried out after sunset

39) The overall manpower will be restricted to bare minimum. Though mostly local labour will be deployed, but for the

essential manpower staying at site, fuel wood will be provide for their cooking purpose

40) Sufficient numbers of dustbins will be provided to labourers for collection of their daily use garbage, Bio-degradable & solid garbage will be collected in separated bins & proper disposal of these garbage will be ascertained.

41) At no stage mining shall be carried out after exhausting extraction of the estimated mineable quantity as stated above.

42) The mining operation would provide local employment and bring economic benefits to local population.

43) Wild Animals being sensitive to noise, no project activities shall be carried out at night (sunset to sunrise) time.

44) All workers shall be imparted basic knowledge regarding the Do's and Don'ts of working within Forest Areas.

45) Photography of the proposed mining site (preferably using Drone) should be done and submitted to SEIAA along with half-yearly compliance report.

46) Extraction of minor mineral is permitted 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.

47) 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 as per rules.

48) 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 per standard norms of Central Government/State Government/Hon'ble Courts from time to time.

49) 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.

50) 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.

51) 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.

52) 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.

53) 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.

54) Link Road from mining site to main Road shall be maintained by the project-proponent.

55) The topsoil if any shall be stacked at earmarked site only and shall be used for reclamation.

56) Mineral handling, loading and unloading areas including all the transfer points should have efficient dust control arrangements. These should be properly maintained & operated.

57) 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 should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

58) Project proponent will strictly comply with provisions of EMP

59) Project proponent will have to submit EMP/EIA report to Mining Department (Lessee) and Pollution Control Board before getting work order/Consent to Establish or Operate.

60) 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

61) The project proponent shall submit half yearly compliance report of stipulated conditions of Environment Clearance in soft copy through PARIVESH PORTAL given link: <https://parivesh.nic.in>. The compliance report shall also be e mailed to the Regional Office in Dehradun in moef.ddn@gov.in

3) Conditions for entire life of the project

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) 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.

3) The project proponent shall use dust suppression equipment for sprinkling near by the mine site, so the PP was directed to leave 25 % area from the river bank sides.

4) 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 Department of mines/District Administration from time to time.

- 5) 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 per standard norms of Central Government/State Government/Hon'ble Courts from time to time.
- 6) If the ownership is transferred then fresh Environment Clearance will be obtained under EIA notification dated 14.09.2006. However, no activity shall be undertaken till the Environment Clearance is transferred in his name and he is lawfully bound to comply with the conditions of the Environmental Clearance.
- 7) The project proponent shall set up Environment Management Cell which will also coordinate with general public, regulatory authorities and local administration to appraise environmental performance of the mining activity.
- 8) If it is found that if conditions laid down by the Authority are violated, the Authority may suspend or cancel this Environmental Clearance.
- 9) 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.
- 10) The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
- 11) Any appeal against this Environment Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section of the National Green Tribunal Act, 2010.
- 4) Specific Conditions:- (To be followed by Director Industry, Geology and Mining Unit, Govt. of Uttarakhand).**
- 1) Mining and Geology department of the State Government should recalculate the maximum production levels and inform the Authority accordingly.

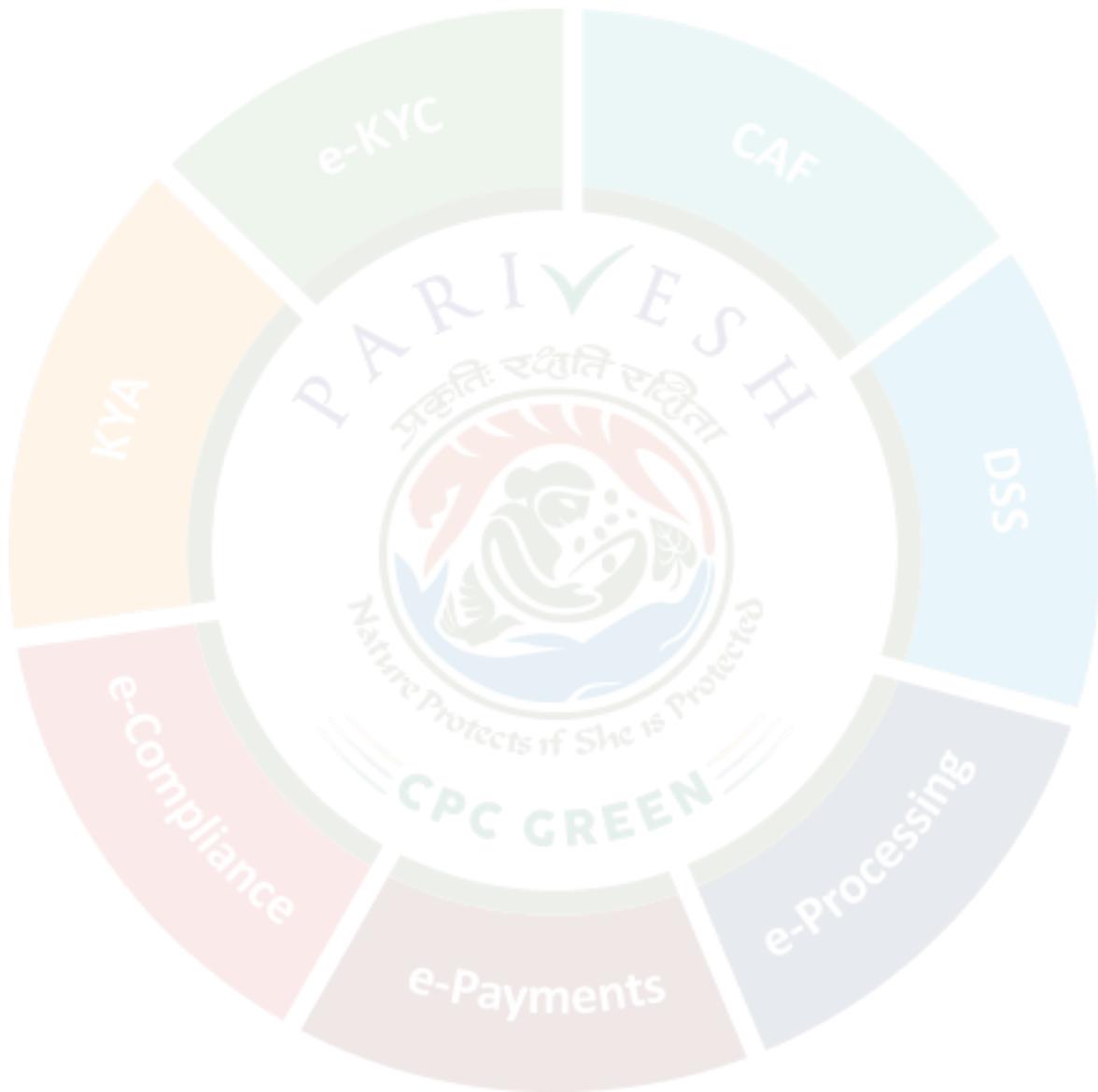
Annexure 2

Details of the Project

S. No.	Particulars	Details	
a.	Details of the Project	Boulder & Stone Deposit (Area: 0.668 ha)	
b.	Latitude and Longitude of the project site	29.62482429505878,79.70860696175323 29.62632777880114,79.70996020097733	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	0
		Forest Land (B)	
		Total Land (A+B)	0.668
d.	Date of Public Consultation	Public consultation for the project was held on	
e.	Rehabilitation and Resettlement (R&R) involvement	NO	
f.	Project Cost (in lacs)	50	
g.	EMP Cost (in lacs)		
h.	Employment Details		

Details of Minerals Products & By-products

Name of the Mineral to be mined	Classification of mineral [Major/Minor]	Production capacity in MTPA	Remarks
Boulder & Stone	Minor	10000.0	10,000 TPA



राज्य स्तर पर्यावरण समाघात निर्धारण प्राधिकरण, उत्तराखण्ड, "गौरादेवी पर्यावरण भवन, तृतीय तल, 46-बी, आई.टी. पार्क, सहस्रधारा रोड, देहरादून"
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार, नई दिल्ली द्वारा गठित)
दूरभाष: 0135-2976159
ईमेल: seiaa.seac.uk@gmail.com



State Level Environment Impact Assessment Authority, "Gauradevi Paryavaran Bhawan, Third Floor, 46-B I.T. Park, Sahasradhara Road, Dehradun"
(Constituted by Ministry of Environment, Forests and Climate Change Government of India.)
Phone No-0135-2976159
Email- seiaa.seac.uk@gmail.com

E.C.No- 301 01(175)/2024

Dated- 13-10-2024

To,

M/s Dhairya Mines And Minerals by Smt. Harshita Bisht W/o Shri Bhupesh Bisht, R/o- Officers Colone Dubakia Tehsil & District- Almora.

Sub: Environmental Clearance under EIA notification dated 14.09.2006 for Extraction of Stone/Boulder at Village - Munyoli, Tehsil & District – Almora, Khasra No. 1209 to 1218, 1288, 1290, 1297 to 1307, 1309, 1313 to 1315, 1317 to 1320, 1327 to 1331, 1336. (Area-0.668 ha.).

Sir,

Kindly take reference to your online proposal No SIA/UK/MIN/495404/2024 submitted to SEIAA Uttarakhand regarding aforementioned subject. The details about the project site and proposal for EC as per the documents submitted by the project proponent is as under:-

S.No	Parameters	Description																																																
1.	Name of the Project Proponent	Smt. Harshita Bisht W/o Shri Bhupesh Bisht(M/s Dhairya Mines And Minerals)																																																
2.	Registered Address	R/o- Officers ColoneyDubakiaTehsil & District- Almora (U.K.)																																																
3.	Full correspondence address of proponent and mobile no.	R/o- Officers ColoneyDubakiaTehsil & District- Almora (U.K.)																																																
4.	Name of Project	Munyoli Boulder & Stone Deposit																																																
5.	Project Location (Plot. Khasra/Gata No.)	Village - Munyoli, Tehsil & District – Almora, State-UttarakhandKhasra No. 1209 to 1218, 1288, 1290, 1297 to 1307, 1309, 1313 to 1315, 1317 to 1320, 1327 to 1331, 1336																																																
6.	Name of Village	Munyoli																																																
7.	Tehsil	Almora																																																
8.	District	Almora																																																
9.	State	(Uttarakhand)																																																
10.	Name of Minor Mineral	Boulder & Stone																																																
11.	Sanctioned Lease Area (in Ha.)	0.668 Ha																																																
12.	Max. & Min mRL within lease area	The highest level is 1412.0mRL towards West direction while lowest level is 1392.0mRL towards SE direction																																																
13.	Pillar Coordinates (Verified by DMO)	<table border="1"> <thead> <tr> <th>Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr><td>1</td><td>29° 37' 33.88" N</td><td>79° 42' 33.77" E</td></tr> <tr><td>2</td><td>29° 37' 32.67" N</td><td>79° 42' 33.82" E</td></tr> <tr><td>3</td><td>29° 37' 32.91" N</td><td>79° 42' 33.59" E</td></tr> <tr><td>4</td><td>29° 37' 31.91" N</td><td>79° 42' 33.13" E</td></tr> <tr><td>5</td><td>29° 37' 31.69" N</td><td>79° 42' 33.35" E</td></tr> <tr><td>6</td><td>29° 37' 31.25" N</td><td>79° 42' 32.54" E</td></tr> <tr><td>7</td><td>29° 37' 31.22" N</td><td>79° 42' 32.00" E</td></tr> <tr><td>8</td><td>29° 37' 30.23" N</td><td>79° 42' 30.99" E</td></tr> <tr><td>9</td><td>29° 37' 29.37" N</td><td>79° 42' 31.63" E</td></tr> <tr><td>10</td><td>29° 37' 30.32" N</td><td>79° 42' 32.00" E</td></tr> <tr><td>11</td><td>29° 37' 30.84" N</td><td>79° 42' 32.93" E</td></tr> <tr><td>12</td><td>29° 37' 30.68" N</td><td>79° 42' 34.89" E</td></tr> <tr><td>13</td><td>29° 37' 32.06" N</td><td>79° 42' 35.75" E</td></tr> <tr><td>14</td><td>29° 37' 32.82" N</td><td>79° 42' 35.85" E</td></tr> <tr><td>15</td><td>29° 37' 32.80" N</td><td>79° 42' 35.61" E</td></tr> </tbody> </table>	Point	Latitude	Longitude	1	29° 37' 33.88" N	79° 42' 33.77" E	2	29° 37' 32.67" N	79° 42' 33.82" E	3	29° 37' 32.91" N	79° 42' 33.59" E	4	29° 37' 31.91" N	79° 42' 33.13" E	5	29° 37' 31.69" N	79° 42' 33.35" E	6	29° 37' 31.25" N	79° 42' 32.54" E	7	29° 37' 31.22" N	79° 42' 32.00" E	8	29° 37' 30.23" N	79° 42' 30.99" E	9	29° 37' 29.37" N	79° 42' 31.63" E	10	29° 37' 30.32" N	79° 42' 32.00" E	11	29° 37' 30.84" N	79° 42' 32.93" E	12	29° 37' 30.68" N	79° 42' 34.89" E	13	29° 37' 32.06" N	79° 42' 35.75" E	14	29° 37' 32.82" N	79° 42' 35.85" E	15	29° 37' 32.80" N	79° 42' 35.61" E
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		16	29° 37' 32.58" N	79° 42' 35.65" E
		17	29° 37' 32.57" N	79° 42' 35.47" E
		18	29° 37' 34.33" N	79° 42' 35.76" E
		19	29° 37' 34.77" N	79° 42' 35.10" E
		20	29° 37' 34.16" N	79° 42' 35.10" E
		21	29° 37' 34.15" N	79° 42' 35.27" E
		22	29° 37' 33.27" N	79° 42' 35.12" E
		23	29° 37' 33.25" N	79° 42' 34.41" E
		24	29° 37' 33.83" N	79° 42' 34.31" E
14.	Letter of Intent	Vide letter No. 572(1)/VII-A-1/2024-05(15)/2024, Dehradun, dated 15.07.2024 for a period of 5 years		
15.	Mine Plan approval details	Mining Plan approval letter- 3445 / उपखण्ड(निजी)-IV / मूखनि०नि० / मा०प्लान / 2024-25 दिनांक-30 अगस्त 2024		
16.	Validity of Mine Plan	5 year		
17.	Total geological reserves	86013 TPA		
18.	Total mineable reserves	57020 TPA		
19.	Total Proposed Production (In 5 Years)	50,000 ton (in 5 years)		
20.	Total Proposed Production/Year	10,000TPA		
21.	Sanctioned Period of Mine lease	10 year		
22.	Method of Mining	Open cast Manual Mining		
23.	No. of working days	240		
24.	Working hours/day	8 hours/day		
25.	No. of workers	31 workers		
26.	No. of Trucks	33		
27.	Type of Land	Waste land		
28.	Ultimate Depth of Mining	12 m		
29.	Water Requirement	3.4 KLD		
30.	Any litigation pending against the project or land in any court	No		
31.	Ecological Sensitive Map/zone	No		
32.	Details of 500 m Cluster certificate & Map Verified by Mining Officer	Submitted		
33.	Proposed CER cost	2.50 Lakh		
34.	Proposed EMP cost	3.30Lakh		
35.	No. of Trees to be Planted.	650(in 5 year)		
36.	Detail of CTE/CTO issued by UPPCB	This is fresh grant case of Mining lease CTE/CTO will be obtained before commencement of Mining operations.		

The SEAC during its meeting held on 19th September, 2024 had undertaken appraisal of the above project. It has been found that the proposal is classified under Category B2 of EIA Notification 2006. The proponent has submitted PFR, EMP and other relevant documents as desired. After due examination of the relevant documents/certificates submitted by the project proponent and additional clarification furnished in response to its observations earlier, SEAC has recommended the grant of Environmental Clearance for the above project, subject to compliance of the EMP and other stipulated conditions SEIAA during its meeting dated 15th October 2024 considered the above proposal based on the recommendation of SEAC and agreed with the condition mentioned above by SEAC. After due examination and deliberation, the **SEIAA Uttarakhand hereby accords Environmental Clearance** for the above project under category B-2 of EIA notification 2006 (as amended from time to time) subject to the strict compliance with the General, Specific and other conditions mentioned below:-

1- Conditions to be complied before commencing mining operations:-

- 1) Environment Clearance is granted to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court of Uttarakhand and any other court of law, if any, as may be applicable to this project.

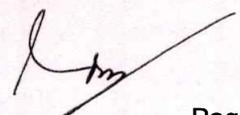
- 2) Project Proponent shall implement the Disaster Management Plan as the mine area is located in Seismic Zone IV. Project Proponent should submit the disaster plan within three months and form a committee to have check over any disaster to warn workers well before for the safety of workers. Emergency helpline number will be displayed at all levels.
 - 3) The project proponent should advertise with basic details at least in two widely circulated local newspapers, within seven (7) days of the receipt of the clearance letter informing that the project has been accorded environmental clearance by the State Environment Impact Assessment Authority, Dehradun and a copy of the same be sent to the Regional Office of Ministry of Environment and Forest, Government of India located at 25 Subhash, Road Dehradun.
 - 4) A display board shall be erected in Hindi at each of the following place.
 - At project site
 - In nearest village
 - At the entrance of the village road from the main Road (ie)SH/NH etc. The information should be given in bold and visible letters.
 - 5) A copy of the Environmental Clearance letter shall be sent by the proponent to the concerned Panchyat and the local NGO, if any from whom suggestion/representation, if any, were received while processing the proposal.
- 2) **Conditions for operation phase**
- 1) The SEIAA further directed that mining/extraction/hand picking of minor mineral shall be carried out as per the approved mine plan.
 - 2) The mining/extraction of Stone Boulder 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 SEIAA 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.
 - 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 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
 - 5) The maximum permissible depth for mining of Stone Boulder shall not exceed 6 meters or depth of ground water table whichever is less. During first five years of mining lease the depth of mining shall not exceed 3 meters. **Mining beyond 6 meters will be considered after site visit by SEAC.**
 - 6) Bore core hole drilling shall be carried out upto adequate depth to ascertain the grade of material. This shall be carried out in this first year and report should be submitted to SEIAA along with six monthly compliance report.
 - 7) **Overall pit slope shall not be more than 30° and bench slope shall not exceed 68°.**
 - 8) **Gradient of haul road shall be 1:16.**
 - 9) **10 mt barrier zone should be done on both side of nalla, depression passing through the area and shall be restricted zone for mining.**
 - 10) **Gravity retaining wall width 1.5 m and 1.0 mt height shall also be erected at the base of back field pit and at the base and side of dump and all along the nalla to control siltation into nallah.**
 - 11) **Maintenance and cleaning of check dam shall be carried out regularly.'**
 - 12) **The over burder/inter burden will be dumped separately towards slope of working pit secured with gravity retaining wall.**
 - 13) **Hanging of loose boulders shall be removed from mine faces.**
 - 14) The storage of mined material should be done in the leased area only. The mined material should be covered by tarpauline.
 - 15) The mule dung should be cleared and shall be put in separate pits and should be covered a layer of soil. Care shall be taken that there shall be no leaching from this site.
 - 16) 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.
 - 17) Stone Boulder 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.

- 18) 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 3.00 mt and ultimate pit slope shall be kept as per the approved mining plan.
- 19) The project proponent shall construct 2 nos of toilets (1 male & 1 female) in nearby school with water tank and solar lights facility and shall maintain the same on regular basis.
- 20) The project Proponent shall ensure that where ever deployment of labor attracts mines act, the provision thereof shall be strictly followed.
- 21) The mining operation would provide local employment and bring economic benefit to local population.
- 22) 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.
- 23) The proponent should undertake afforestation activities in the buffer zone as well as in the nearby project site. Minimum 1000 plants in 1.0 Ha. will be planted in first two years followed by maintenance in the next three years. **In case of Plantation outside of the buffer zone/project site MoU with local Gram Panchayat/Van Panchayat should be done under the tree plantation campaign "Ek Ped Ma Ke Naam" launched by Hon'ble Prime Minister of India.**
- 24) **Project Proponent shall provide Rs3.0 lakh for modernizing Chemistry/Biology Lab of nearby Govt. Inter College and submit documentary evidence to SEIAA along with six monthly compliance report.**
- 25) **Project Proponent shall inform to SEIAA in case of change of evacuation plan.**
- 26) **Project Proponent shall submit numbers of vehicles used per day for transportation of mined minerals to and fro.**
- 27) The extraction of Stone Boulder shall be stopped during monsoon season.
- 28) The quantity of mineral to be extracted should be fixed sustainably based on replenishment study.
- 29) 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.
- 30) Vehicular emission shall be kept under control and regularly monitored. The vehicles carrying minerals shall not be over loaded.
- 31) Periodical medical examination of the workers engaged in the project shall be carried out and records are to be maintained.
- 32) Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- 33) 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.
- 34) 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.
- 35) 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.
- 36) 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.
- 37) The mining/extraction of mineral and progressive mine closure should be done as per the approved mine plan. The mine plan should have validity till the mining period
- 38) The project area shall be strictly used for the activities permitted. The workers will be strictly instructed to not to enter in the adjoining forest and not to harm any wildlife and existing vegetation for their various needs. No work shall be carried out after sunset
- 39) The overall manpower will be restricted to bare minimum. Though mostly local labour will be deployed, but for the essential manpower staying at site, fuel wood will be provide for their cooking purpose
- 40) Sufficient numbers of dustbins will be provided to labourers for collection of their daily use garbage, Bio-degradable & solid garbage will be collected in separated bins & proper disposal of these garbage will be ascertained.

- 41) At no stage mining shall be carried out after exhausting extraction of the estimated mineable quantity as stated above.
- 42) The mining operation would provide local employment and bring economic benefits to local population.
- 43) Wild Animals being sensitive to noise, no project activities shall be carried out at night (sunset to sunrise) time.
- 44) All workers shall be imparted basic knowledge regarding the Do's and Don'ts of working within Forest Areas.
- 45) Photography of the proposed mining site (preferably using Drone) should be done and submitted to SEIAA along with half-yearly compliance report.
- 46) **Extraction of minor mineral is permitted 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.**
- 47) 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 as per rules.
- 48) 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 per standard norms of Central Government/State Government/Hon'ble Courts from time to time.
- 49) 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.
- 50) 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.
- 51) 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.
- 52) 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.
- 53) 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.
- 54) Link Road from mining site to main Road shall be maintained by the project-proponent.
- 55) The topsoil if any shall be stacked at earmarked site only and shall be used for reclamation.
- 56) Mineral handling, loading and unloading areas including all the transfer points should have efficient dust control arrangements. These should be properly maintained & operated.
- 57) 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 should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
- 58) Project proponent will strictly comply with provisions of EMP
- 59) Project proponent will have to submit EMP/EIA report to Mining Department (Lessee) and Pollution Control Board before getting work order/Consent to Establish or Operate.
- 60) 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
- 61) The project proponent shall submit half yearly compliance report of stipulated conditions of Environment Clearance in soft copy through PARIVESH PORTAL given link: <https://parivesh.nic.in>. The compliance report shall also be e mailed to the Regional Office in Dehradun in moef.ddn@gov.in

3) **Conditions for entire life of the project**

- 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) 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.
 - 3) The project proponent shall use dust suppression equipment for sprinkling near by the mine site, so the PP was directed to leave 25 % area from the river bank sides.
 - 4) 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 Department of mines/District Administration from time to time.
 - 5) 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 per standard norms of Central Government/State Government/Hon'ble Courts from time to time.
 - 6) If the ownership is transferred then fresh Environment Clearance will be obtained under EIA notification dated 14.09.2006. However, no activity shall be undertaken till the Environment Clearance is transferred in his name and he is lawfully bound to comply with the conditions of the Environmental Clearance.
 - 7) The project proponent shall set up Environment Management Cell which will also coordinate with general public, regulatory authorities and local administration to appraise environmental performance of the mining activity.
 - 8) If it is found that if conditions laid down by the Authority are violated, the Authority may suspend or cancel this Environmental Clearance.
 - 9) 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.
 - 10) The Project Proponent shall follow all relevant directions/orders issued by Hon'ble High Court/NGT/ Supreme Court.
 - 11) Any appeal against this Environment Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section of the National Green Tribunal Act, 2010.
- 4) **Specific Conditions:- (To be followed by Director Industry, Geology and Mining Unit, Govt. of Uttarakhand).**
- 1) Mining and Geology department of the State Government should recalculate the maximum production levels and inform the Authority accordingly.
 - 2) The Geology and Mining unit of Industry 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.
 - 3) Digital processing of the entire lease area using remote sensing technique should be done by Geology and Mining department regularly and report should be submitted to the Ministry of Environment and Forests, Regional office at Dehradun and SEIAA, Uttarakhand.

Your's Faithfully

(Dr. S.P. Subudhi)
Member Secretary,
SEIAA, Uttarakhand

No-30 | 01(175)/2024 dated- as above
Copy to:-

1. APCCF, Regional office (Central) MoEFCC Govt of India, 25 Subhash Road, Dehradun for information and necessary action.
2. Principal Chief Secretary, Forests & Environment, Government of Uttarakhand, Dehradun for information.
3. Director Industries, Geology & Mining Unit Govt of Uttarakhand Dehradun for information and necessary action.
4. District Magistrate, **Alomora** for information and necessary action.
5. Member Secretary, UKPCB, IT Park Dehradun for information and necessary action.
6. DFO, **Alomora**.
7. Guard File for uploading in Parivesh Website.

(Dr. S.P. Subudhi)
Member Secretary,
SEIAA, Uttarakhand