



File No: EC/SEIAA/2026-27/5016/2026

State Environment Impact Assessment Authority (SEIAA), Jharkhand

(Constituted as per the provision of EIA Notification, 2006, as amended by the Ministry of Environment, Forest and Climate Change, Government of India)



Dated 11/08/2026

To,

NIRANJAN KUMAR SINGH
SHAMBHAVI MINING COMPANY
WARD NO. - 01, STREET - TALBANNA, SAHEBGANJ, JHARKHAND, 816109
shambhaviminingco@gmail.com

Subject: Amendment in prior EC granted to the project under the provision of the EIA Notification 2006 and as amended thereof regarding.

Sir/Madam,

This is in reference to your application submitted to Ministry vide proposal number SIA/JH/MIN/584585/2026 dated 07/07/2026 for grant of an amendment in prior 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.	EC26C0108JH5624052A
(ii) File No.	EC/SEIAA/2026-27/5016/2026
(iii) Clearance Type	Amendment in EC
(iv) Category	B2
(v) Schedule No./ Project Activity	1(a) Mining of minerals
(vi) Name of Project	HATHIDARI STONE DEPOSIT
(vii) Location of Project (District, State)	SAHEBGANJ, JHARKHAND
(viii) Issuing Authority	SEIAA
(ix) Applicability of General Conditions	No

Plot/Survey Khasra Nos.: 06(P) 09(P) 10(P) 11 12(P) 14(P) 31(P) 32(P)

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A and B) were submitted to the Ministry for an appraisal by the State Expert Appraisal Committee (SEIAA) in the Ministry 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 27/07/2026. The minutes of the

meeting and all the project documents are available on PARIVESH portal which can be accessed by scanning the QR Code above.

5. The brief about the reasons for an amendment requested and comparison table, as submitted by the Project Proponent in Form-1 (Part A and B) and presented during SEIAA are annexed to this letter as Annexure (1) and Annexure (2), respectively.
6. The SEIAA, in its meeting held on 27/07/2026, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of amendment in Terms of Reference under the provision of EIA Notification, 2006 and as amended thereof.
7. This issues with the approval of the Competent Authority

Copy To

1. The Member Secretary, CGWA, 18/11 Jamnagar House Man Singh Road, Central, Delhi, cgwa@nic.in
2. The Member Secretary, CPCB, Parivesh Bhawan Cbd-Cum-Office Complex East Arjun Nagar, East, Delhi, mscb.cpcb@nic.in
3. The Monitoring Cell MoEFCC, Compliance & Monitoring Division, Indira Paryavaran Bhawan Jor Bagh Road New Delhi, South, Delhi, moefcc-monitoring@gov.in

Annexure 1

Standard EC Conditions for (Mining of minerals)

1. Statutory Compliance

S. No	EC Conditions
1.1	This Environmental Clearance (EC) is subject to orders/ judgment of Honble Supreme Court of India, Honble High Court, Honble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
1.2	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
1.3	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area."
1.4	A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
1.5	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.

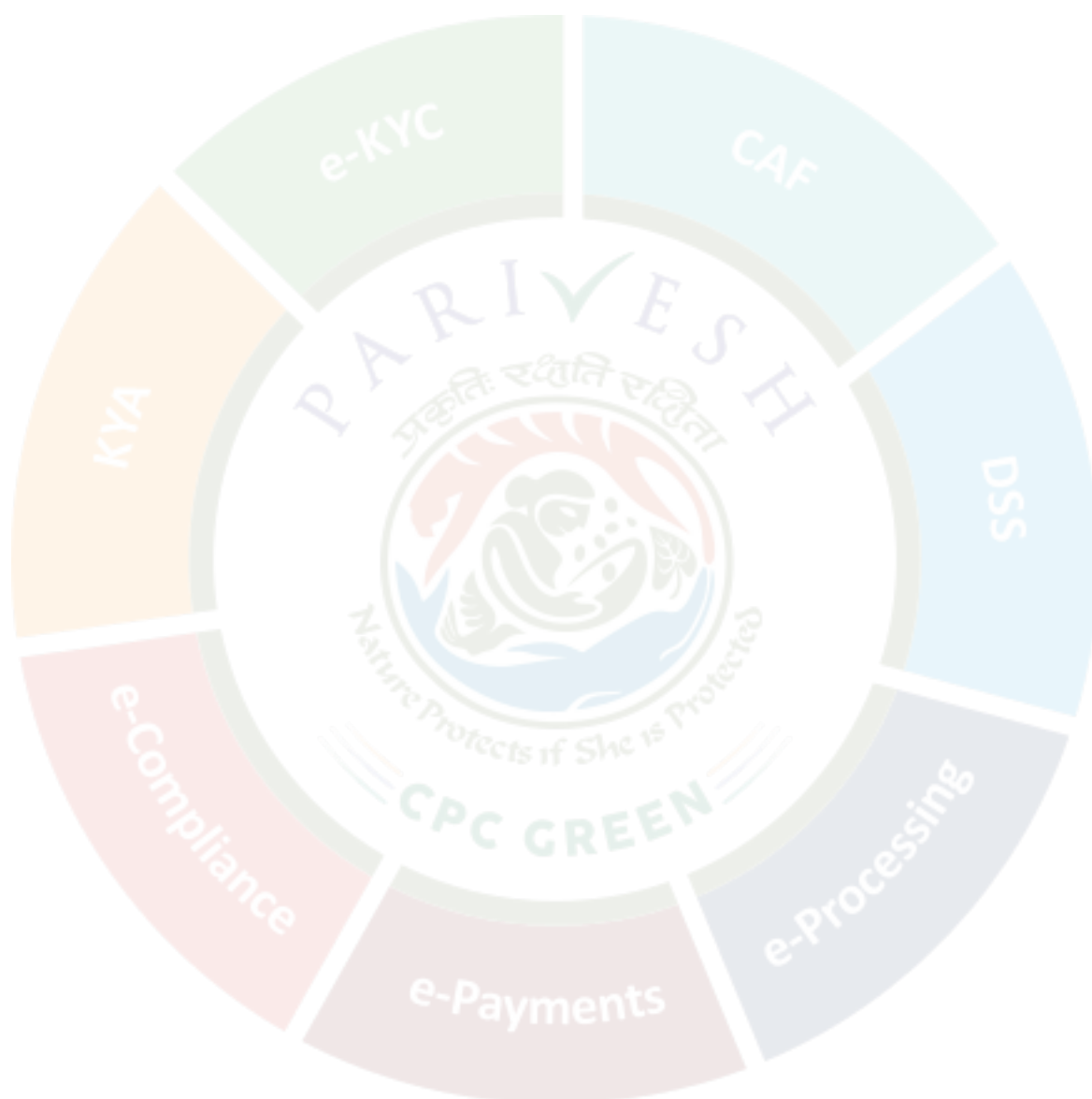
Additional EC Conditions

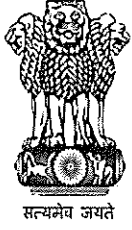
N/A

Annexure 2

Amendment Logs

Description	Reference	Existing	Proposed / Amendment	Reason
NA	NA	NA	NA	NA





State Level Environment Impact Assessment Authority, Jharkhand

Nursery Complex, Near Dhurwa Bus Stand, P.O+P.S-Dhurwa, Ranchi, Jharkhand-834 004

E-mail: msseiaa.jhk@gmail.com / website: www.jseiaa.in

Letter No.- EC/SEIAA/2025-26/5016/2025/

Ranchi, Date :

To: M/s Shambhavi Mining Company,
1. Shri Niranjan Kumar Singh 2. Shri Prakash Chandra
3. Shri Shivji Sah 4. Shri Amit Kumar
5. Shri SujitKumar 6. Shri Rajesh Kumar Singh,
At - Ward No. : 21, Farangaha, Near Durga Sthan,
P.S. : Ratanpur, P.O. + District : Begusarai, Bihar.

Amendment

Sub: Amendment in Environmental Clearance for the project “Hathidari Stone Deposit of M/s Shambhavi Mining Company, Mouza : Hathidari, Anchal : Jirwabari, Distt. : Sahibganj, Jharkhand (2.934 Ha). (Proposal no.: SIA/JH/MIN/584585/2026) – regarding.

Ref: Your application no. Nil, dated – 07.07.2026.

1. This is in continuation of Environmental Clearance (EC) issued by the State Level Environment Impact Assessment Authority (SEIAA) vide Letter No. EC/SEIAA/2018-19/2199/2019/630, dated : 04.11.2019 in favour of “Hathidari Stone Deposit of M/s Shambavi Mining Company (Prop. : Sri Sujeet Kumar) at Khata No. -07, 08, 10, 14, 16, 17, 19 & Plot No.– 11, 6 (P), 31 (P), 9 (P), 14 (P), 32 (P), 12 (P), 10 (P) at Vill : Hathidari, P.S. : Jirwabadi, Dist : Sahebganj, Jharkhand (4.45 Ha).” (Proposal No. SIA/JH/MIN/43567/2019)”.

2. Further you have applied online application no. : SIA/JH/MIN/584585/2026 requesting for amendment of EC in terms of change in Mining Lease Area: from 11.00 Acres (4.45 ha) to 7.25 Acres (2.934 ha) and Annual Production Capacity: from 356,756 TPA to 243,213 TPA to the above mentioned project proposal.

3. Your request has been examined by the State Level Expert Appraisal Committee (SEAC), Jharkhand in its 133rd meeting held on 08th, 09th, 10th, 11th and 12th July, 2026, based on the information furnished/provided and discussion held, the State Level Expert Appraisal Committee, (SEAC) recommended to issue amendment of earlier Environmental Clearance issued vide Letter No. EC/SEIAA/2018-19/2199/2019/630, dated 04.11.2019, as the following:

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“This is an amendment project which has been taken for appraisal on 11.07.2026.

Project Sector: 1(a) Mining of Minerals, Category: B2.

Application for amendment Environmental Clearance (EC).

EC Application for: Proposed Capacity – 90079 Cum per year or 243213 Tonnes per year.

The Hathidari Stone Deposit, located at Village Hathidari, Anchal Mandro, District Sahibganj, Jharkhand, in the name of M/s Shambhavi Mining Company, was initially granted a Letter of Intent (LOI) by the District Mining Officer (DMO), Sahibganj, vide Letter No. 62/M dated 06.01.2018, for an area of 11.00 acres (4.45 ha). Based on the LOI, the Mining Plan was approved, and Environmental Clearance (EC) for the said area of 11.00 acres (4.45 ha) was granted by the State Environment Impact Assessment Authority (SEIAA), Jharkhand, vide Letter No. EC/SEIAA/2018-19/2019/630 dated 04.11.2019.

Subsequently, in accordance with the provisions of the Jharkhand Minor Minerals Concession Rules, 2019, which stipulate that the maximum area for a stone mining lease shall not exceed 3.00 hectares in tenancy / revenue land, the mining plan & lease area was revised accordingly. Therefore, lease granted order issued by DMO, Sahebganj vide its Letter No. 1106/M dated 09.10.2024 & the mining lease was executed on 18.03.2025 for an area of 7.25 acres (2.934 ha) for a period of 10 years, valid up to 17.03.2035.

Details of Amendment Sought

Particulars	Existing EC	Proposed amendment
Area	4.45 Ha. / 11 Acres	2.934 Ha. / 7.25 Acres
Production	356756 TPA	243213 TPA

The present proposal is submitted for amendment of the Environmental Clearance to align the EC with the executed Mining Lease. No change is proposed in the mining method, technology, mining machinery, mineral, or other environmental safeguards. The amendment is limited to the reduction in lease area and the corresponding reduction in annual production capacity.

The amendment has become necessary due to the execution of the mining lease over 7.25 acres instead of the originally proposed 11.00 acres, in compliance with the provisions of the Jharkhand Minor Minerals Concession Rules, 2019, which restrict the maximum permissible lease area for stone mining on raiyati land to 3.00 hectares in tenancy / revenue land. Consequently, the production capacity has been revised proportionately from 356,756 TPA to 243,213 TPA.

Since the lease area has been reduced, there will be a corresponding reduction in mining operations and associated environmental impacts. All other data stipulated in the Environmental Clearance shall remain unchanged.

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In view of the above, M/s Shambhavi Mining Company requested to the SEAC, Jharkhand to amend the Environmental Clearance dated 04.11.2019 issued vide Letter No. EC/SEIAA/2018-19/2019/630 by revising:

2. Mining Lease Area: from 11.00 Acres (4.45 ha) to 7.25 Acres (2.934 ha); and

3. Annual Production Capacity: from 356,756 TPA to 243,213 TPA.

All other terms & conditions stipulated in the Environmental Clearance shall remain unchanged.

Project and Location Details:

Sl	Parameter	Details
1	Project Name	: Hathidari Stone Deposit
2	Lessee:	: M/S Shambhavi Mining Company- 1. Sri Niranjan Kumar Singh, 2. Sri Prakash Chandra, 3. Sri Shivji Sah, 4. Sri Amit Kumar, 5. Sri SujitKumar, 6. Sri Rajesh Kumar Singh
3	Lessee Address	: At- Ward No.- 21, Farangaha, Near Durga Sthan, P.S.- Ratanpur, P.O.+ District – Begusarai, Bihar
4	Lease Area	: 2.934 ha 7.25 acres
5	Type of Land	: Non-Forest Raiyati Land
6	Project Cost	: Capital : Rs. 2278300.00
7	EMP Budget	: Capital : Rs. 643800.00 Recurring : Rs . 840740.00 per year
8	New or Expansion	: Reappraisal
9	Mineable Reserves	: 773823 cum 2089321 tonnes
10	Mine Life	: Up to the lease period i.e. 18.03.2025 to 17.03.2035.
11	Man power	: 22
12	Water Requirement	: 19.62 KLD
13	Water Source	: By authorised hired water tankers
14	DG Set / power	: -
15	Crusher	: Not Proposed
16	Nearest Water Body	: Ganga river at a distance of 5.0km from lease area on northern side
17	Nearest Habitation	: Saharpur Village 0.584 Km(S)
18	Nearest Rail Station	: Nearest railway stations is Sahibganj railway station which is about 5.0 Km from the applied lease area.
19	Nearest Air Port	: Deoghar Airport (179Km)
20	Nearest Forest	: Divisional Forest Officer, Sahibganj certified that the distance of

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			reserved / protected forest is more than 560 meter from proposed project site.
21	Nearest Wildlife Sanctuary	:	The project location is at approx. 4.08 KM from the nearest Udhwa wildlife sanctuary.
21	Road & Highways	:	NH-33- Sahibganj-Bhagalpur Road at about 3.0 Km
23	Approach Road	:	At a distance of 100 metres.

CO-ORDINATES

Sl.No.	LATITUDE	LONGITUDE
P1	25°13'27.1856"	87°35'08.5641"
P2	25°13'27.0096"	87°35'09.2145"
P3	25°13'25.4789"	87°35'11.8801"
P4	25°13'24.2758"	87°35'14.2540"
P5	25°13'23.4400"	87°35'16.5615"
P6	25°13'23.1982"	87°35'18.2415"
P7	25°13'22.7078"	87°35'18.4489"
P8	25°13'22.1207"	87°35'18.5611"
P9	25°13'21.5583"	87°35'18.5053"
P10	25°13'20.5523"	87°35'18.1360"
P11	25°13'20.0853"	87°35'17.8087"
P12	25°13'19.8419"	87°35'16.5928"
P13	25°13'19.6847"	87°35'14.8012"
P14	25°13'19.6609"	87°35'11.2862"
P15	25°13'20'4043"	87°35'11.5687"
P16	25°13'21.7348"	87°35'11.6527"
P17	25°13'22.4559"	87°35'11.5500"
P18	25°13'23.4502"	87°35'11.0990"
P19	25°13'24.5020"	87°35'10.5038"
P20	25°13'25.5104"	87°35'09.8137"
P21	25°13'26.2433"	87°35'09.2369"
P22	25°13'26.7981"	87°35'08.7111"

LAND DETAILS

Khata no.	Plot no.	Area	
		Acre	Decimal
08	06 (P)	00	10
10	09 (P)	01	50

19	10 (P)	00	60
07	11	00	12
17	12 (P)	00	20
14	14 (P)	03	90
08	31 (P)	00	50
16	32 (P)	00	33
		Total	7.25

STATUTORY CLEARANCES

1	LOI / Lease docs	:	i. The Letter of Intent (LoI) has been issued by District Mining Officer, Sahibganj vide letter no. 62/M, dated 06.01.2018. ii. Lease deed : 18.03.2025 to 17.03.2035.
2	CO	:	The CO, Mandro vide memo no. 255/Ra., dated 12.03.2019 has mentioned the plot no. of the project is not recorded as "Jungle-Jhari" in R.S. Khatiyon & Register II.
3	DMO Cluster	:	DMO, Sahibganj vide memo no. 61/M, dated 06.01.2018 certified that no other mining lease area exists within 500 meters radius from proposed project site.
4	DFO Wild Life	:	DFO, Wildlife Division, Hazaribag vide letter no. 1545, dated 03.08.2019 certified that the proposed project site is outside Eco Sensitive Zone of Udhwa Lake Bird Sanctuary.
5	DFO Territorial	:	Divisional Forest Officer, Sahibganj Forest Division vide memo no. 2176, dated 27.11.2017 certified that the distance of forest is 560 meters from proposed project site.
6	DSR	:	The village Hathidari has been made part of the Potential Zone for stone mining in the approved DSR of Sahibganj District (Page no. 185)
7	Gram Sabha	:	Gram Sabha conducted on 07.12.2017.
8	Mine Plan Approval	:	Modified mining plan approved by District Mining Officer, Sahibganj vide Letter No. 852/M, dated 16.06.2026.
9	Grid Certificate	:	DMO, Sahibganj vide memo no. 715/M, dated 08.05.2026 certified that said project falls under grid no. 13 and production is within the over all permissible production limit. The DMO also stated that

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			<i>this certificate is issued in the light of order passed by Hon'ble NGT on 22.12.2021 in OA No. 23/2017/EZ, O.A. no. 776/2018 and O.A. no. 373/2019. It also states this certificate is issued in compliance of report of Expert Committee.</i>
10	<i>Previous Environmental Clearance (EC)</i>	:	<i>Previous EC granted by SEIAA, Jharkhand vide letter no. EC/SEIAA/2018-19/2199/2019/630, dated 04.11.2019.</i>
11	<i>Qualified Person</i>	:	<i>Shri Vidya Bhushan Mishra was present in the meeting and affirmed that the mine plan has been prepared by him.</i>

Working Details

1	<i>Mining Method</i>	:	<i>Semi-mechanized "OTFM" Method</i>
2	<i>Quarry Area</i>	:	<i>2.329 Ha.</i>
3	<i>Waste Generation</i>	:	<i>25025 cum</i>
4	<i>Stripping Ratio</i>	:	<i>1:0.03</i>
5	<i>Working Days</i>	:	<i>300</i>
6	<i>Bench: size & No</i>	:	<i>6m to 6m and 12 in numbers</i>
7	<i>Elevation of Mine</i>	:	<i>259 m AMSL to 234 m AMSL</i>
8	<i>Ground Level Elevation</i>	:	<i>234 m AMSL</i>
9	<i>Ultimate Working Depth</i>	:	<i>179 m AML</i>
10	<i>Water Table</i>	:	<i>160 m AMSL</i>
11	<i>Topography of Mine</i>	:	<i>The applied lease area represents a small hillock</i>
12	<i>Explosive Requirement</i>	:	<i>101 kg/day</i>
13	<i>Diesel/Fuel requirement</i>	:	<i>487 litre/day</i>

Production Details

<i>Year</i>	<i>Production of stone in Cum</i>	<i>Production of stone in Tonnes</i>	<i>Overburden in Cum</i>	<i>Intercalated waste in Cum</i>	<i>Total Waste in Cum</i>
<i>2nd Year</i>	<i>82555</i>	<i>222899</i>	<i>4730</i>	<i>4345</i>	<i>9075</i>
<i>3rd Year</i>	<i>84541</i>	<i>228259</i>	<i>2200</i>	<i>4450</i>	<i>6650</i>
<i>4th Year</i>	<i>86631</i>	<i>233902</i>	<i>0</i>	<i>4560</i>	<i>4560</i>
<i>5th Year</i>	<i>90079</i>	<i>243213</i>	<i>0</i>	<i>4741</i>	<i>4741</i>
<i>Total</i>	<i>343805</i>	<i>928274</i>	<i>6930</i>	<i>18095</i>	<i>25025</i>

Production & Waste/OBR Table

Land Use

Land Utilization	Existing Land use (Ha)	At the end of plan period (Ha)	At Conceptual period (Ha)
Quarry	Nil	1.467	2.329 (0.029 ha area shall be Backfilled, 1.634 ha area shall be converted in to water reservoir & 0.667 ha left as dead benches)
Waste Dump	Nil	0.217	Nil (comes under quarry)
Road	Nil	0.005	Nil (comes under quarry)
Safety Zone Plantation	Nil	0.605	0.605
Total	0.000	2.294	2.934
Unused Area	2.934	0.640	0.0
Total Lease Area	2.934		

ENVIRONMENT MANAGEMENT

Green Belt Development

Plantation				
Location	Area (Ha.) or Length (m)	No. of tree	Calculation	Timeline
Safety Zone	0.605	968	1600 tree per hectare	1st Year
Approach Road	100	200	2m X 2m spacing	1st year
Dead Bench	0.667	1068	1600 tree per hectare	End of Mine
Backfilled area (level upto surface)	0.029	47	1600 tree per hectare	End of Mine
TOTAL		2283		
Species: Neem, Peepal, Arjun, Ashoka, Gulmohar, Banyan, Bamboo: - Bombas, Nutans, Toolda, Strictus & other Native Species				

- Gabion Plantation work in the safety zone (7.5 m width around the proposed lease boundary) and on either side of approach road in two rows with the spacing of 3x3 m with suitable species such as timber & fruit bearing etc. will be done in first year of operation. Maintenance work such as h/w, mortality replacement, protection and watering shall be undertaken for the life of mine as per norms and schedule issued by PCCF, Development, Department of Forest, Environment & Climate Change, Govt. of Jharkhand. Records of same to be maintained and will be submitted with compliance report.

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Cost Estimates

The mining plan for the project has estimated the requirement of equipments needed for mining operations. The capital cost has been estimated on basis of this provision. Estimated capital cost on plants & machineries are given below :

Particulars			Capital	Recurring
Land			0.00	181251.52
Infrastructure			700000.00	0.00
Mining Equipment			0.00	9200000.00
Equipment	Quantity	Rent per year		
Dumper	3	2000000		
Compressor	1	1000000		
Water Sprinkler	1	600000		
Rock Breaker	1	800000		
Excavator	1	800000		
Water Facility for Domestic Purpose "0.88" KLD (Annual Water Demand "264"KL @4L per Tanker, total number of tanker required ("66") and per tanker cost @Rs. 500)			0.00	33000.00
Statutory Clearances			500000.00	0.00
Mine Closure Cost for Plantation of "1115" number of tree @Rs.300 per tree for plant & @Rs. 50 per tree for maintenance			334500.00	0.00
Mine Closure Cost for fencing around mine			100000.00	0.00
Environment Management Plan (EMP) Cost			643800.00	840740.00
Total			2278300.00	10254991.52

Environment Management Budget

Budgetary Provision (in Lakhs) of Environment Management Plan (EMP)		
Particulars	Capital	Recurring
Plantation of "1168" number of trees @Rs.300 per tree for plant & @Rs. 50 per tree for maintenance	350400.00	58400.00
Water Facility for Horticulture "7.008" KLD & Dust Suppression "11.736" KLD (Annual Water Demand "5623.2"KL @4L per Tanker, total number of tanker required ("1406") and per tanker cost @Rs. 500)	0.00	703000.00
Garland Drain & Desiltation Pond	293400.00	29340.00

<i>Environment Monitoring & Compliance</i>	<i>0.00</i>	<i>50000.00</i>
Total	643800.00	840740.00

Environment Monitoring Plan (post operation)

Monitoring Parameters and Frequency of Monitoring

<i>S. no</i>	<i>Monitoring Parameters</i>	<i>No. of Locations</i>	<i>Frequency of Monitoring</i>
<i>1</i>	<i>Ambient Air: Ambient Air Quality at appropriate location for PM10, PM2.5, SO2, NOx in the vicinity of the mine area. In the surrounding area covering project site only.</i>	<i>3 Stations</i>	<i>Six Monthly</i>
<i>2</i>	<i>Water: Surface water sample in the vicinity of the Project area.</i>	<i>2 Surface water 2 Ground water</i>	<i>Six Monthly</i>
<i>3</i>	<i>Noise: Day & Night level Noise Monitoring.</i>	<i>4 stations</i>	<i>Six Monthly</i>
<i>4</i>	<i>Soil: Soil Monitoring, Qualitative and quantitative testing/analysis to check the soil fertility, porosity, texture, water holding capacity, etc.</i>	<i>2 station</i>	<i>Six Monthly</i>

Environment Management Practices to be followed:

<i>Aspect</i>	<i>Mitigation Measures / Control Measures</i>
<i>Solid Waste Management</i>	<i>During plan period, a total of 25025 cum of solid waste will be generated. This solid waste will be stored in external dump on south side of lease area. At the conceptual stage, all solid waste generated during mining operation will be backfilled.</i>
<i>Air Quality Management</i>	<i>Wet drilling and use of sharp drill bits to minimize dust generation.</i> <i>Controlled blasting using optimum explosive charge during favorable weather conditions.</i> <i>Regular maintenance of diesel equipment and vehicles to reduce emissions.</i> <i>Water sprinkling on haul roads, loading/unloading points, and working areas.</i> <i>All transport vehicles will have valid PUC certificates.</i> <i>Greenbelt and roadside plantation to act as dust and noise barriers.</i>
<i>Water Quality Management</i>	<i>Mining will be confined only above the Ground Water Table (GWT).</i> <i>Rainwater accumulated in the pit will be collected and pumped out regularly during monsoon.</i>

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	• Settling sump will be provided to desilt pumped out of mine-pit and collected through garland drain before discharge into natural drainage. • Garland and foot drains will be constructed around the quarry to control surface runoff. • Sewage from rest shelters will be treated through septic tank–soak pit systems. • Foot drain would be provided around the external dump, if any.
Noise Quality Management	• Mining activities will be restricted to daytime and carried out with controlled blasting techniques. • Acoustic enclosures and mufflers will be provided for drilling and DG set operations. • Regular maintenance of mining machinery to minimize vibration and noise. • Greenbelt development around the lease boundary to attenuate noise propagation. • Use of delayed blasting technique to minimize the adverse impact of vibration.
Soil Quality Management	• Topsoil will be carefully removed and stored separately for future use in plantation and reclamation. • Garland drains and retaining walls will prevent soil erosion and siltation. • Spillage of oil or fuel will be avoided; impervious flooring and oil traps provided near storage areas • Post-mining, the area will be rehabilitated using stored topsoil and native vegetation
Flora & Fauna management	• No tree felling will be undertaken without obtaining permission from the competent authority. • Greenbelt and plantation will be developed using native species along approach roads and lease periphery (7.5m Safety Zone). • Dust suppression measures will minimize impact on surrounding vegetation
Socio Economy:	• Priority employment to local people in mining and ancillary activities. • Community development initiatives such as tree plantation drives, road maintenance, and local infrastructure support. • Awareness programs on safety, hygiene, and environmental protection
Monitoring & Reporting:	• Periodic monitoring of air, water (ground & surface), noise, and soil quality as per CPCB and SPCB guidelines. • All monitoring reports will be submitted to statutory authorities as per the compliance schedule.

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	• <i>Corrective measures</i> will be taken immediately if any deviation from standards is observed.
<i>Risk & Hazard</i>	<i>Activities which are likely to create risk are:</i> <i>Temporary Storage of Explosives, Charging of Explosives, Blasting, Drilling, Bench Formation, Loading / Unloading, Transportation</i> <i>Proposed Preventive measures:</i> ▪ Overall slope angles of benches will be maintained at 45°. ▪ Unmanageable heights are not created. ▪ Loose sides are properly dressed. ▪ No loose stone or debris will be permitted to remain on the top of the bench or side of any excavation (Regulation 106(4) of MMR 1961). ▪ No undercutting of any face or sides will be permitted so as to cause any overhanging (Regulation 106(5) of MMR 1961) ▪ It will be ensured that the drilling equipment is suitable for the job. ▪ The person in charge of the drilling machine is competent to carry out the drilling operation; part of the training includes instructions to always face towards the open edge of the bench so that any inadvertent backward step is away from the edge. ▪ Provision of portable rail fencing between the drilling operations and the edge of the bench ▪ Provision to attach a safety line to the drilling rig and provide a harness for the driller to wear. ▪ Restricted access to the area to all persons except those necessary for the drilling operation. ▪ Wet drilling will be carried out by constantly injecting a jet of water at the drill bit inside the hole, which prevents dust generation. ▪ In case due to any reason, wet drilling is not possible (due to non-availability of water), exhaust/ vacuum system will be provided which removes the dust from the drill hole continuously and discharges the same in a dust collector specially provided for the purpose. ▪ Drilling machine shall be fitted with dust suppression, collection and disposal arrangement.
<i>Blasting & Handling of Explosives</i>	▪ Blast hole geometry shall be properly designed. ▪ Blast site shall be wetted before and after blasting operations are completed. ▪ Only optimum quantity of permissible explosives shall be used so that the vibrations do not damage the structures/houses if the quarrying operations are close to human habitation. ▪ Blasting shall be conducted only during favourable weather conditions and only during the day time and permissible hours. ▪ While carrying out blasting operations near habitations, wide

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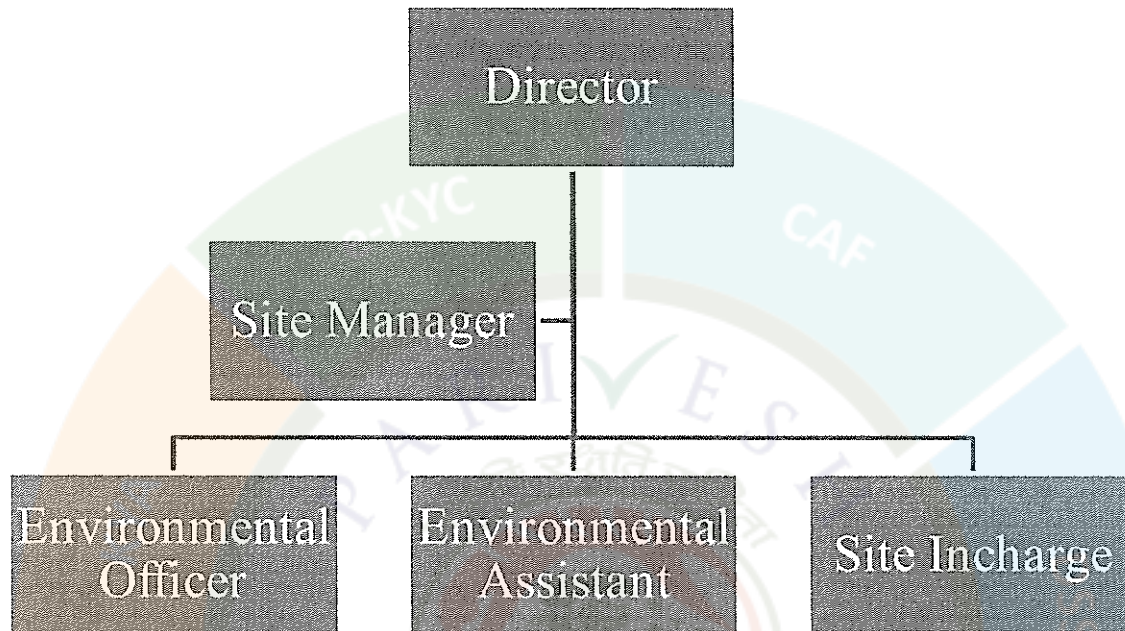
	publicity will be given in the local area through announcement and other available media so that local people become aware of the blasting activities being undertaken in the area and take appropriate precautions. ▪ The vibrations should be monitored periodically in consultation with the local Mining authorities. ▪ Use of explosives is specialist work. Planning for a round of shots is necessary to ensure that the face is properly surveyed, holes correctly drilled, direction logged, the weight of explosive suitable for good fragmentation and the continuity of the initiator are but a few of the steps necessary to ensure its safe use. ▪ Proper and safe storage of explosives in approved and Licensed Magazine. ▪ Proper security system to prevent theft/ pilferage, unauthorized entry into Magazine area and checking authorized persons to prevent carrying of match box, lights, mobile phones, cigarette or Bidi etc. will be put in place. ▪ Explosives shall be conveyed in special containers. ▪ Explosives and detonators shall not be carried in the same container. ▪ The holes which have been charged with explosives will not be left unattended till blasting is completed.
Health Hazards	Health hazards should be interpreted as being harmful dust and noise which is emitted during surface mining operations. All suitable steps and precautions will be undertaken to ensure minimum health hazard. Provision of use of Personal Protective Equipment (PPE) will be kept. The PPE shall be of good make and quality, wherever possible ISI certified, suitable for the hazard e.g. a dust respirator fitted with the correct filter to capture the particulate hazardous dust and maintained to recommended standards. As personal protective equipment only affords limited protection it will only be used as a last resort and as an interim arrangement until other steps are taken to reduce the risk of personal injury to an acceptable level
Accident Prevention	▪ Mine road shall be made smooth regularly with a road roller. ▪ Mine road will be made sufficiently wide to keep two-way traffic. Regular water sprinkling will be done on mine road and haul road to avoid suspension of dust. ▪ All transportation within the mine lease area should be carried out directly under the supervision and control of management. ▪ The vehicles will be maintained in good working condition and checked thoroughly at least once a month by the competent person authorized for the purpose by the management.

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	- Navigation signs will be provided at each and every turning point up to the main road (wherever required). - To avoid danger while reversing the vehicles especially at working place/loading points, stopper should be posted to properly guide reversing/spotting operating.
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EMP Cell structure

The EMP Cell is committed to ensuring environmental sustainability and compliance with regulatory requirements for the Stone Mining Project. With a clear structure, roles, and responsibilities, the EMP Cell is equipped to manage environmental impacts and promote sustainable practices.

Undertaking submitted affirming:

- Ground water will be used only for domestic purpose and not be used for any mining activities or any other use.
- The District Survey Report has been prepared by a competent authority. Project Authorities will abide by any directives issued by any court of law in future.
- If any changes are noticed in future regarding the contiguous / cluster area report issued by the mines department, then the applicable laws / rules will be binding on the Project Authorities and all necessary steps will be taken in this regard
- The Boundary Pillars of the proposed mine lease area will be maintained properly.
- One day post monsoon baseline data related to environment monitoring will be submitted with the first compliance report.
- The plantation work will be completed within the first year of operation. Thereafter the same will be maintained up to the Conceptual stage of the Mine.

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- g. Sufficient water spray using water tankers will be done for effective dust suppression within the mine lease area and on haul roads.
- h. All the mining machineries / equipment and transport vehicles should be maintained in good condition and annually tested for fitness and PUC and records to be maintained.
- i. If any tree felling than necessary permission shall be taken from the competent authority.
- j. Slope of the Water bodies to be stabilized using gabion plantation created at the end of life of the mine.
- k. Suitable safety protection measures shall be taken around the water bodies to prevent any human or animals falling in to the water bodies created at the end of life of the mine.
- l. Personal protective equipments such as clothing, helmet, goggles or other garments or equipments designed to protect from injury or infection will be provided to working personnel.

Based on the presentation made and information provided, the Committee decided that the proposal for Hathidari Stone Deposit of M/s Shambhavi Mining Company, Mouza : Hathidari, Anchal : Jirwabari, Distt. : Sahibganj, Jharkhand (2.934 Ha.) is recommended for grant of amended EC. All other terms and conditions of the earlier EC letter no. EC/SEIAA/2018-19/2199/2019/630, dated 04.11.2019 shall remain the same."

4. The recommendation of SEAC, Jharkhand in this regard has been examined by the State Level Environment Impact Assessment Authority, Jharkhand in its 133rd meeting held on 27th, 28th & 29th July, 2026 and accordingly issue **amendment of Environmental Clearance** to the said project proposal as recommended by SEAC alongwith all other terms and conditions of earlier EC Letter No. EC/SEIAA/2018-19/2199/2019/630, dated 04.11.2019 shall remain the same and alongwith following specific conditions.

- i. In compliance of OM no.F.No. IA3-22/3/2024-IA.III (E-241594) dated 24.07.2024 of MoEF&CC, Govt. of India plantation of saplings shall be carried out in the earmarked green belt area as the part of tree plantation campaign "Ek Ped Ma Ke Naam" and the details of the same shall be uploaded in the MeriLiFE Portal (<https://merilife.nic.in>). 10% of the total green belt proposed shall be allocated under this clause.
- ii. In compliance of OM File No. Q-15012/2/2022-CPW-Part(1)/e-240741, dated 14.01.2025 and File No. Q-15012/2/2022-CPW9Part-I)/e-231973, dated 08.10.2025, the PAs will mandatorily obtain the Environmental Safeguard to be implemented or CTE from Jharkhand State Pollution Control Board, whichever is applicable.

5. This letter has been issued with SEIAA, Approval.

Sd/-
Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand

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Copy to:

1. Secretary, Department of Forests, Environment & Climate Change, Govt. of Jharkhand.
2. Deputy Commissioner, District – Sahibganj, Jharkhand.
3. Divisional Forest Officer, Sahibganj Forest Division, Sahibganj, Jharkhand.
4. Divisional Forest Officer, Wildlife Division, Hazaribag, Jharkhand.
5. Director IA Division, Monitoring Cell, MoEF and Climate Change, Indira Paryavaran Bhavan, Jorbag Road, Aliganj, New Delhi – 110003.
6. Regional Office, Ministry of Environment, Forest and Climate Change, Govt. of India, 2nd Floor, Jharkhand State Housing Board (HQ), Harmu Chowk, Ranchi, Jharkhand – 834002.
7. District Mining Officer, District - Sahibganj, Jharkhand.
8. Member Secretary, Jharkhand State Pollution Control Board, Ranchi.
9. Member Secretary, Jharkhand State Expert Appraisal Committee, Ranchi.
10. Website.
11. Guard file.


Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand

