



सत्यमेव जयते

File No: SEAC/ SEIAA.3979/2025

Government of India

Ministry of Environment, Forest and Climate Change

(Issued by the State Environment Impact Assessment Authority(SEIAA),  
ASSAM)

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Dated 22/01/2025



To,

Loken Gayary  
Vill. Nimua, P.O. Nimua, BARPETA, ASSAM, 781315  
lokenec24@yahoo.com

**Subject:** Grant of EC under the provision of the EIA Notification 2006-regarding.

**Sir/Madam,**

This is in reference to your application for Grant of EC under the provision of the EIA Notification 2006-regarding in respect of project Gamariguri P.P. Land Sand, Gravel, Boulder Mining Permit Area submitted to SEAC & SEIAA vide proposal number SIA/AS/MIN/515496/2024 dated 20/12/2024.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C0108AS5844589N
(ii) File No.	SEAC/ SEIAA.3979/2025
(iii) Clearance Type	EC
(iv) Category	B2
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	Gamariguri P.P. Land Sand, Gravel, Boulder Mining Permit Area
(viii) Name of Company/Organization	Loken Gayary
(ix) Location of Project (District, State)	BARPETA, ASSAM
(x) Issuing Authority	SEIAA
(xii) Applicability of General Conditions	no
(xiii) Applicability of Specific Conditions	no

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 State Expert Appraisal Committee (SEAC), Assam under the provision of EIA notification 2006 and its subsequent amendments.

The above-mentioned proposal has been considered by State Expert Appraisal Committee (SEAC) in the meeting held on 04/01/2025. The minutes of the meeting and all the Application and documents submitted (viz. Form-1 Part A and Part B) are available on PARIVESH portal which can be accessed by scanning the QR Code above.

The brief about configuration of plant/equipment, products and by products and salient features of the project along with environment settings, as submitted by the Project proponent in Form-1 (Part A and B) /presented during SEIAA are annexed to this EC as Annexure (1).

The SEIAA, in its meeting held on 17/01/2025, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of EC under the provision of EIA Notification, 2006 and as amended thereof subject to stipulation of specific and general conditions as detailed in Annexure (2).

The SEAC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after recommendations of the State Environment Impact Assessment Authority (SEIAA) hereby decided to grant EC for instant proposal of **Loken Gayary** under the provisions of EIA Notification, 2006 and as amended thereof.

The SEIAA reserves the right to stipulate additional conditions, if found necessary.

The EC 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.

This issues with the approval of the Competent Authority.

The GPS Coordinates are as follows-

26° 34' 55.59" N 90° 58' 36.81" E

26° 34' 52.87" N 90° 58' 32.18" E

26° 34' 45.83" N 90° 58' 37.15" E

26° 34' 48.84" N 90° 58' 43.12" E

EC is approved for project area allotted 4.49Ha with a quantity of 10,000cu.m of Sand, Gravel & Boulder in 1 (One) year subject to the terms and conditions laid down by SEAC and that the area in question is to be reflected in the approved DSR.

#### **Copy To**

1. The Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, MOEF&CC, Indira Paryavaran Bhawan, Jorbagh Rd, New Delhi-110003.
2. The Secretary to the Govt. of Assam, Environment & Forest Department, Dispur, Guwahati-6 Cum Member Secretary, SEIAA, Assam for favour of kind information.
3. The P.C.C.F, HoFF, Govt. of Assam, Panjabari, Guwahati-37 for favour of kind information.
4. The Member Secretary, PCB Assam for favour of kind information.
5. The Divisional Forest Officer, North Kamrup Forest Division, Rangia, Dist. Kamrup, Assam for information & necessary action.
6. The Integrated Regional Office, Ministry of Environment, Forest & Climate Change, 4<sup>th</sup> Floor, Housefed Building, G.S. Road, Rukminigaon, Guwahati-22 for kind information.
7. Office Copy.

**Annexure 1**

#### **Specific EC Conditions for (Mining Of Minerals)**

##### **1. General Conditions By Seac**

S. No	EC Conditions
1.1	This is subject to the conditions that the proponent shall have to strictly follow all terms and conditions laid down in the approved mining plan.
1.2	This is also subject to the conditions that: (a) mining shall be confined and limited to the area falling within the GPS coordinates ; (b) the active bank of the river is not disturbed / damaged because of mining operation and transportation of mining materials and (c) the Proponent shall extract / harvest the approved quantity of minerals indicated herein with maximum mining depth of up to 2 ( two) meters only from the non-mined surface (d) the DFO shall place the DSR for evaluation and appraisal by the SEAC for further approval by the SEIAA and on the basis of the approved DSR the proponent may come forward for the balance quantity remaining if found permissible for mining.

## 2. Specific Conditions By Seac

S. No	EC Conditions
2.1	Consent to Establish (CTE) and Consent to Operate (CTO) are to be obtained from the PCBA in terms of the guidelines circulated by the CPCB / MoEF & CC for non manual extraction which need to be adhered to by the concerned DFO.
2.2	The Divisional Forest Officer shall ensure due vigilance in the mining area to avert any kind of irregularities / illegalities during the mining period.
2.3	The Proponent shall extract the mineral manually only and semi mechanized device could be used as may be allowed by the concerned DFO only for loading of mineral.
2.4	The DFO shall also ensure marking the boundary of the mining site on the ground fixing permanent concrete pillars, painted yellow with the Geo-coordinates depicted there in on the pillars / posts, following the GPS coordinates mentioned in the approved mining plan before allowing mining.
2.5	CSR activities shall be carried out / undertaken by the Proponent and 2% of the total project cost Rs 1.00 Lakh (One Lakh) only shall be earmarked for the purposes. Necessary drinking water facilities, toilets and provision for solar lights shall be made in the nearby village under due consultation of the DFO concerned. The DFO shall identify the activities adequately, prepare a budget for the purposes and get the same executed / implemented within 1st year of allowing mining in the area and shall upload the reports in PARIVESH portal which shall form part of the Half Yearly Compliance Report.
2.6	Plantation activities shall be carried out / undertaken in any Educational institution or Govt lands involving local NGOs, School / College students and an amount of Rs 1.00 (One) Lakh shall be earmarked for the purposes. Efforts shall be made to selectively use the saplings of aesthetic, medicinal value, evergreen nature with the consultation of the DFO and label the plant species for the benefits of the villagers, common people and specially the school students.
2.7	The recommended species of plants in the locality could be of species like Bakul ( <i>Mimosops elengi</i> ), Amlokhi ( <i>Phyllanthus emblica</i> ), Hilikha ( <i>Terminalia chebula</i> ), Asoca ( <i>Saraca asoca</i> ), Bael ( <i>Aegle marmelos</i> ), Bokphul ( <i>Sesbania grandiflora</i> ), Mohaneem ( <i>Azadirachta indica</i> ), Jamun ( <i>Syzygium cuminii</i> ), Arjun ( <i>Terminalia arjuna</i> ), Jack fruit ( <i>Artocarpus integrifolia</i> ), Ow Tenga ( <i>Dillenia indica</i> ), Thekera ( <i>Garcinia spp</i> ) etc etc.

S. No	EC Conditions
2.8	Compliance of the same shall duly be uploaded by the Proponent in the PARIVESH portal.

**Standard EC Conditions for (Mining of minerals)**

**1. Statutory Compliance**

S. No	EC Conditions
1.1	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
1.2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.3	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
1.4	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.
1.5	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
1.6	The Project proponent complies with all the statutory requirements and 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 before commencing the mining operations.
1.7	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.
1.8	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."
1.9	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.
1.10	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.

**2. Air Quality Monitoring And Preservation**

S. No	EC Conditions
2.1	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.
2.2	Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.
2.3	The project proponent use leak proof trucks/dumpers carrying ore and other raw materials and cover them with tarpaulin.
2.4	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
2.5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.

### 3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
3.2	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
3.3	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post-monsoon

S. No	EC Conditions
	(November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.

#### 4. Noise And Vibration Monitoring And Prevention

S. No	EC Conditions
4.1	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
4.2	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.

#### 5. Noise Monitoring And Prevention

S. No	EC Conditions
5.1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

#### 6. Mining Plan

S. No	EC Conditions
6.1	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.
6.2	The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, over burden, inter burden and top soil etc.); mining technology; lease area; scope of working ( method of mining, overburden & dump management, O.B& dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life; etc.).

#### 7. Land Reclamation

S. No	EC Conditions
7.1	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.
7.2	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geo textiles/ geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.
7.3	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.

## 8. Waste Management

S. No	EC Conditions
8.1	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
8.2	Kitchen waste shall be composted or converted to biogas for further use.(to be decided on case to case basis depending on type and size of plant)

## 9. Transportation

S. No	EC Conditions
9.1	No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].

## 10. Green Belt And Emp

S. No	EC Conditions
10.1	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

## 11. Public Hearing And Human Health Issues

S. No	EC Conditions
11.1	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
11.2	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
11.3	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

## 12. Green Belt

S. No	EC Conditions
12.1	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.

## 13. Corporate Environment Responsibility

S. No	EC Conditions
13.1	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
13.2	The Project Proponent shall submit the time- bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017-IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.
13.3	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to

S. No	EC Conditions
	be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
13.4	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Mineral Beneficiation plants shall be implemented.

#### 14. Miscellaneous

S. No	EC Conditions
14.1	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
14.2	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
14.3	Any appeal against this environmental clearance 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.
14.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
14.5	44) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
14.6	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
14.7	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
14.8	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
14.9	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
14.10	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

S. No	EC Conditions
14.11	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.
14.12	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
14.13	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.
14.14	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14.15	In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Honble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
14.16	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.
14.17	Any appeal against this environmental clearance 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.