

Brief summary on the proposed Bohra Kathra lime Project baseline collection

The proposed project is a lime stone Mining Project over an area of 135.9 Ha. The mining methodology shall be mechanized mining by opencast method. The Mining Plan for mining of lime stone @ 1600000 TPA ROM has been approved by Indian Bureau of Mines (Vide Letter No. RAN/ROH/BXT/MP-1/2025-26 dated 24.04.2025) as Category “A” Project. As per EIA Notification 2006 the present Project falls under 1(a) of the Schedule of EIA Notification -2006 Notification. The Project shall be appraised by Expert Appraisal Committee of MoEF&CC, GoI, New Delhi for grant of Environment Clearance.

Baseline data collection on ambient air quality, ambient noise quality, soil, surface & ground water parameters will be collected in pre-monsoon season (April 2025 to June 2025) as per CPCB guidelines. The numbers of monitoring location is as follows:

S. No.	Baseline Monitoring Parameters	No. of locations
1	Ambient air quality	7
2	Ambient noise quality	7
3	Soil	7
4	Surface water	6
5	Ground water	6

For ecology and biodiversity

In the present study on the floral assessment for the proposed project activity will be based on extensive field survey of the area. Detailed survey is made in the pre-monsoon season for collection of baseline data on floral aspects. The sampling locations i.e. natural vegetation, roads side plantation, agricultural field, barren area, forest area and major affected area will be covered in baseline data collection. Inventory of species will be prepared on Tree, Shrub, Herb, Climber, Sedge and Grasses with their local name, botanical name and family. Besides the plant species, information was also collected with vernacular names of plant species made by local inhabitants.

To prepare a detailed report on the status of faunal diversity within 10 km radial area (Study Area) and to assess the impacts due to proposed activity and suggesting suitable mitigation measures to protect and conserve wildlife biodiversity, following components were studied:

- a) Wildlife Survey (diversity)
- b) Habitat Study (feeding, breeding and roosting areas)
- c) Distribution of birds

d) Rare & Endangered species of fauna

e) Specific local characteristics of biodiversity in study area