



## Chorbedi (Composite) Limestone Mine

### KEY ENVIRONMENTAL PARAMETERS

(Period: April – June 2024)

|     |                                    |                                                                                        |
|-----|------------------------------------|----------------------------------------------------------------------------------------|
| 1.0 | STATIC INFORMATION (Physical Data) |                                                                                        |
| 1.1 | ML No.                             | MCR-1579 (D-30) 4107-CHH Dtd. 01.06.1983<br>MCR-1582 (D-111) 3104- CHH Dtd. 18.06.1983 |
| 1.2 | Area                               | 275.12 Hectares                                                                        |
| 1.3 | Lease Duration                     | 50 years till 06.11.2033                                                               |
| 1.4 | Date of Commissioning              | 01.02.1984                                                                             |
| 1.5 | Production                         | 136338.860 MT                                                                          |

|                          |                                                      |                          |      |                              |                   |            |      |
|--------------------------|------------------------------------------------------|--------------------------|------|------------------------------|-------------------|------------|------|
| 2.0                      | DYNAMIC PARAMETERS                                   |                          |      |                              |                   |            |      |
| 2.1                      | Ambient Air Quality                                  |                          |      |                              |                   |            |      |
| Parameters               | Permissible Limit                                    | AAQ Monitoring Locations |      |                              |                   |            |      |
|                          |                                                      | Near Loading place       |      |                              | Near weigh Bridge |            |      |
|                          |                                                      | Min.                     | Max. | Avg.                         | Min               | Max.       | Avg. |
| PM 2.5                   | 60 µg/m3                                             | 22                       | 29   | 26                           | 22                | 28         | 26   |
| PM 10                    | 100 µg/m3                                            | 49                       | 54   | 52                           | 50                | 57         | 52   |
| SO2                      | 80 µg/m3                                             | 10                       | 14   | 12                           | 10                | 13         | 12   |
| NO2                      | 80 µg/m3                                             | 19                       | 25   | 22                           | 19                | 25         | 22   |
|                          |                                                      |                          |      |                              |                   |            |      |
| 2.2                      | Vibration Due to Blasting (Max Value of the quarter) |                          |      |                              |                   |            |      |
|                          | Peak Particle Velocity at 300 metres:                |                          |      | NIL; (No Blasting performed) |                   |            |      |
|                          |                                                      |                          |      |                              |                   |            |      |
| 2.3                      | Quality of Discharged Water                          |                          |      |                              |                   |            |      |
|                          | No Discharge from Mining Lease Area                  |                          |      |                              |                   |            |      |
|                          |                                                      |                          |      |                              |                   |            |      |
| 2.4                      | Green belt / Plantation Development                  |                          |      |                              |                   |            |      |
| Year                     |                                                      |                          |      | Year 2024-25<br>(Till Q. 1)  |                   | Cumulative |      |
| Numbers of Trees planted |                                                      |                          |      | 0                            |                   | 48575      |      |
| Area covered in Hectares |                                                      |                          |      | 0                            |                   | 21.45      |      |