



**By E-mail**

Gop/MoEF/HYC/C/302/2555

Date- 27-11-2021

The Director (S),  
Ministry of Environment & Forests and Climate Change,  
Regional Office, Western Region,  
Government of India,  
Kendriya Paryavaran Bhavan,  
Link Road No.3. E-5 Ravi Shankar Nagar,  
Bhopal 462 016 (MP)

**Subject:** Submission of Compliance Report of the conditions as laid down in the Environmental Clearance letter no. J-11015/47/2005-IA. II (M) dated 07.10.05- in respect of **Gop (Composite) Limestone Mines** for the half year period **April-2021 to September 2021**

Respected Sir,

As required, we are submitting herewith Pointwise compliance status to various stipulations, as laid-down in Environmental Clearance letter No. J-11015/47/2005-IA. II(M) dated 07.10.2005 with supporting documents, is enclosed with the following Annexure: -

|    |                                              |   |            |
|----|----------------------------------------------|---|------------|
| a. | Environment Statement in Form V for the year | : | Annexure A |
| b. | Ambient Air Quality Reports                  | : | Annexure B |
| c. | Noise Level                                  | : | Annexure C |
| d. | Environment Yearly Expenses Statement        | : | Annexure D |

We hope that you will find the above submission in order

Thanking you,

Yours faithfully,  
**For SHREE DIGVIJAY CEMENT CO. LTD.**

  
**Shyam Narayan Singh**  
**Sr. Manager (Mines)**

Enclosures - As Above

Copy To:  
1.The Environmental Engineer, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector 10A, Gandhinagar -382010

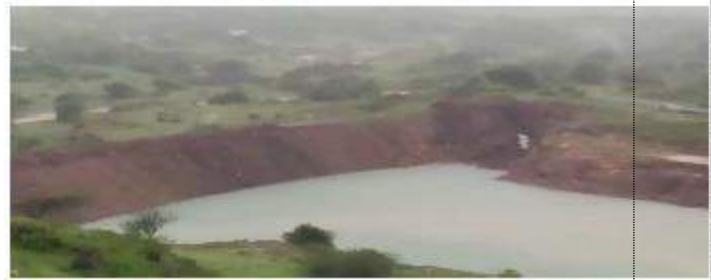
# SHREE DIGVIJAY CEMENT CO. LTD.

## GOP (COMPOSITE) LIMESTONE MINE

### SIX MONTHLY COMPLIANCE STATUS

April-2021 to September-2021

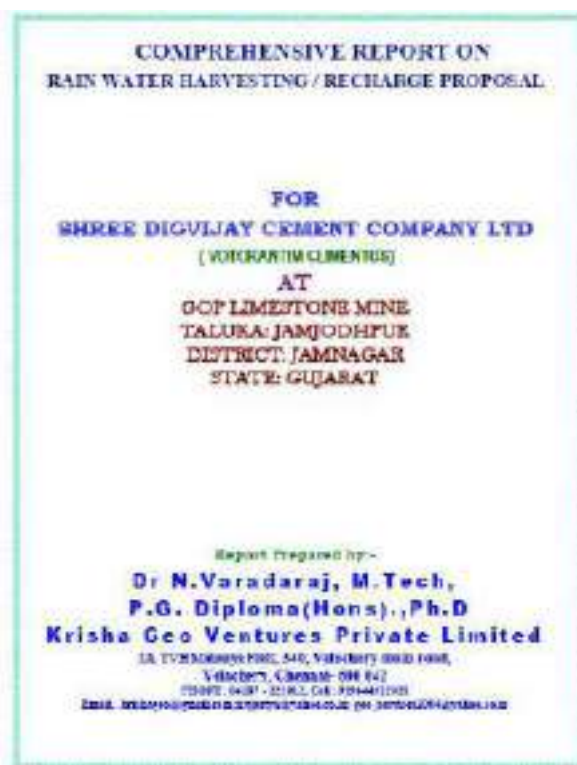
| S. NO.                 | CONDITIONS                                                                                                                                                                                                                                                                                                                                            | COMPLIANCE STATUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |
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| A. Specific Conditions |                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |
| (i)                    | The production capacity of this mine shall not exceed 0.25 MTPA with a capping of production of limestone to a capacity of 2.2 MTPA from all 5 Mines, namely Gop, Pachhtar, Mokhana, Chorbedi and Bhogat Limestone mines put together subject to the individual mines obtaining environmental clearance individually.                                 | <p>Production during <b>April 21 to September 21</b> is <b>0.00 MT</b> from Gop (Composite) Limestone Mine.</p> <p>04 Mines viz. Gop, Chorbedi, Pachhtar and Mokhana Mines have obtained EC individually as detailed below:</p> <p><b>Gop Mines</b> – J-11015/47/2005-IA.II (M) dated 7th October 2005.</p> <p><b>Chorbedi Mines</b> – J-11015/47/2005-IA.II (M) dated 7th October 2005.</p> <p><b>Pachhtar Mines</b> - J-11015/49/2005-IA.II (M) dated 7th October 2005.</p> <p><b>Mokhana Mines</b> - J-11015/48/2005-IA.II (M) dated 7th October 2005.</p> <p>Production of all 05 Limestone Mines during <b>April 21 to September 21</b> and its capacities are as under-</p> <table><tr><th>Name of Mine</th><th>EC Capacity in Million Tons</th><th>Production in Million Tons</th><th>Remarks</th></tr><tr><td>Gop</td><td>0.25</td><td>0.000</td><td rowspan="5">With Limited</td></tr><tr><td>Pachhtar</td><td>1.00</td><td>0.552</td></tr><tr><td>Chorbedi</td><td>0.90</td><td>0.168</td></tr><tr><td>Mokhana</td><td>0.70</td><td>0.000</td></tr><tr><td>Bhogat</td><td>EC not granted</td><td>0.000</td></tr><tr><td><b>Total</b></td><td><b>2.85</b><br/>(Limited to 2.20)</td><td><b>0.720</b></td><td></td></tr></table> <p><b>Mokhana Mines:</b> Whole lease area of Mokhana Mines was under Forest Land for which Possession taken over by Forest Department on 07.08.2004. The operations were stopped since 05.08.2004.</p> <p><b>Bhogat Mines:</b> The area covered under CRZ and EC for this mine is rejected vide MoEF letter 09.10.2006. There is no production from Bhogat Mines Since 21.10.2004.</p> | Name of Mine | EC Capacity in Million Tons | Production in Million Tons | Remarks | Gop | 0.25 | 0.000 | With Limited | Pachhtar | 1.00 | 0.552 | Chorbedi | 0.90 | 0.168 | Mokhana | 0.70 | 0.000 | Bhogat | EC not granted | 0.000 | <b>Total</b> | <b>2.85</b><br>(Limited to 2.20) | <b>0.720</b> |  |
| Name of Mine           | EC Capacity in Million Tons                                                                                                                                                                                                                                                                                                                           | Production in Million Tons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Remarks      |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |
| Gop                    | 0.25                                                                                                                                                                                                                                                                                                                                                  | 0.000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | With Limited |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |
| Pachhtar               | 1.00                                                                                                                                                                                                                                                                                                                                                  | 0.552                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |
| Chorbedi               | 0.90                                                                                                                                                                                                                                                                                                                                                  | 0.168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |
| Mokhana                | 0.70                                                                                                                                                                                                                                                                                                                                                  | 0.000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |
| Bhogat                 | EC not granted                                                                                                                                                                                                                                                                                                                                        | 0.000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |
| <b>Total</b>           | <b>2.85</b><br>(Limited to 2.20)                                                                                                                                                                                                                                                                                                                      | <b>0.720</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |
| (ii)                   | The recommendations of the Expert Committee on Historical Religious Monuments constituted under the District Collector shall be complied with to ensure that the mining does not have adverse impacts on the Sun temple and Gop Nath temple. The compliance report shall be submitted regularly to the MOEF Regional Office, Bhopal and to the GSPCB. | As per the recommendation of Expert committee on Historical Religious Monuments <b>No blasting</b> within 1km of Sun Temple and within 500m of Gopnath Temple is performed. At present there is No Blasting in the Mine at all since 2015. The Compliance reports are being submitted Half Yearly to MOEF Regional Office, Bhopal and to the GPCB.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |
| (iii)                  | A study to be carried out by a specialized agency such as the CMRI shall be commissioned to determine the ground vibrations during blasting operations and the precautionary and safety measures recommended shall be implemented for the safety of the monuments located in the buffer zone.                                                         | <p>A study has been carried out by CMRI, Nagpur in the March-2008 to determine the ground vibrations during blasting operations; and the precautionary and safety measures as recommended have been implemented for safety of monuments located in the buffer zone.</p> <p><b>Now the drilling &amp; Blasting has been replaced by the use of Ripper –Dozer and Excavator combination, an Eco-Friendly mining machinery.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                             |                            |         |     |      |       |              |          |      |       |          |      |       |         |      |       |        |                |       |              |                                  |              |  |

| S. NO. | CONDITIONS                                                                                                                                                                                  | COMPLIANCE STATUS                                                                                                                                                                                                                                                                                                    |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |                                                                                                                                                                                             |                                                                                                                                                                                                                                    |
| (iv)   | Timing of primary blasting shall be stipulated and specified. The notice displaying such timing shall be displayed in local language for the benefit of local population.                   | <p>Complied as directed. Timing of Primary Blasting stipulated during 12 to 2 pm. Notice displaying the timing is fixed at the Mines Entry. However, there is no Drilling and Blasting since 2015.</p>                            |
| (v)    | Drainage plan in mining area shall be so designed to make most effective use of water resources.                                                                                            | <p>Check dam and bunds are provided to store rainwater in the mined-out area. Water drains through natural channels into these ponds to meet the year- long demand of cattle of the region besides recharging Ground water.</p>  |
| (vi)   | No river water should be used for water spraying in the mining area and on the Kutcha roads.                                                                                                | <p>No river water is used for water spraying in the mining area. Water from outside is purchased and sprinkled through Tanker.</p>                                                                                                                                                                                   |
| (vii)  | First Aid facilities shall be provided at convenient locations. Emergency and First Aid Training shall be imparted to all the operating staff at all levels and to local affected villages. | <p>A First Aid Facility is provided at pit head in the mine. Company's Doctor &amp; Officers holding First Aid Certificate are imparting training to all operating staff. Free medical and Ambulance facilities are provided to</p>                                                                                  |

| S. NO. | CONDITIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | COMPLIANCE STATUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | local villagers in the area.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| (viii) | Socio-economic plan should be prepared in consultation with local community and the plan should be implemented in a phased manner and published at local level in Gram Sabha.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Socio-economic plan is prepared in consultation with local community and the Plan is being implemented in a phased manner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| (ix)   | <p>Catch drains and siltation ponds of appropriate size and check dams should be constructed to arrest silt and sediment flows from the mining operations. The drains should be regularly desilted and maintained properly.</p> <p>Garland drain (size, gradient &amp; length) shall be constructed for both mine pit and for the waste dump. Sump capacity should be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper setting of silt material. Sedimentation pits should be constructed</p> | <p>Construction of Garland Drains:<br/>For Waste Dump: Not applicable as there is no waste.<br/>For Mines: The mining is being done in slope and bottom of the hilly area following limestone deposits. Water flowing downwards from catchment is trapped into Mine Pits through water channels (Drains). Pits and Drains are marked in Surface Plan and details of these pits have been submitted vide our Email dated 20.03.2020 as Annexure 1.<br/>Size of the Sump (Pit) is capable to receive and store 2355487.50 Ltrs of water with average rainfall of 63 Cm which is well above 50% safety margin to take care of sudden Peak rainfall.<br/>Sumps are large enough to provide adequate retention period for proper settling of silt material.<br/>Details of Drains &amp; Siltation Pits have been submitted vide our Email dated 20.03.2020 as Annexure 2</p> |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| (x)    | Drills should be wet operated or with dust extractors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | We are not operating drills.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| (xi)   | Controlled blasting should be practiced and only between 12 Noon and 2 PM. The mitigative measures for control of ground vibrations to arrest the fly rocks and boulders should be implemented. No blasting shall be carried out within 500 m distance from Gop Nath Temple and 1 KM distance from the Sun Temple.                                                                                                                                                                                                                                                                                                                                             | Drilling and Blasting is not being performed. It has been stopped now. Blasting when being performed earlier was conducted during 12 to 2pm with control measures to arrest fly rocks and control ground vibrations. No Blasting carried out within 500 m distance from Gopnath Temple and 1km Distance from Sun Temple.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| S. NO.       | CONDITIONS                                                                                                                                                                                                                                                                          | COMPLIANCE STATUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |               |              |      |         |      |         |      |         |       |              |              |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|--------------|------|---------|------|---------|------|---------|-------|--------------|--------------|
|              |                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |               |              |      |         |      |         |      |         |       |              |              |
| (xii)        | Plantation shall be done over the lease area includes a green belt of adequate width around the ML area, along roads by planting suitable native species in consultation with the local DFO/Agricultural Department. The density of trees should be around 1000 plants per hectare. | <p>Plantation is being done within and outside lease area. We have done year wise plantation in mines area as per mining plan. A table with year wise plantation details is given below:</p> <table><tr><th>Year &amp; Nos.</th><th>Nos. of trees</th></tr><tr><td>Upto 2018-19</td><td>8970</td></tr><tr><td>2019-20</td><td>2959</td></tr><tr><td>2020-21</td><td>4870</td></tr><tr><td>2021-22</td><td>11600</td></tr><tr><td><b>Total</b></td><td><b>28399</b></td></tr></table> <p>We have planted 4870 Nos of plants in the year 2020-21 against the target of 2000 Nos plants as per our Email 20.03.2020 regarding development of greenbelt over the next 10 years.</p> | Year & Nos. | Nos. of trees | Upto 2018-19 | 8970 | 2019-20 | 2959 | 2020-21 | 4870 | 2021-22 | 11600 | <b>Total</b> | <b>28399</b> |
| Year & Nos.  | Nos. of trees                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |               |              |      |         |      |         |      |         |       |              |              |
| Upto 2018-19 | 8970                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |               |              |      |         |      |         |      |         |       |              |              |
| 2019-20      | 2959                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |               |              |      |         |      |         |      |         |       |              |              |
| 2020-21      | 4870                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |               |              |      |         |      |         |      |         |       |              |              |
| 2021-22      | 11600                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |               |              |      |         |      |         |      |         |       |              |              |
| <b>Total</b> | <b>28399</b>                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |               |              |      |         |      |         |      |         |       |              |              |
|              |                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |               |              |      |         |      |         |      |         |       |              |              |
|              |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |               |              |      |         |      |         |      |         |       |              |              |
| (xiii)       | Ground water shall not be encountered during mining operations. Prior approval of the MOEF and CGWA shall be taken for mining below ground water.                                                                                                                                   | The Ground Water table is in the range of 17-20m belowground level (bgl) (Pre-Monsoon) and 6-12m bgl (post-Monsoon). Depth of deposit lies well above Water Table at 5-6 mtrs (BGL). So, there is no chance of encountering Ground Water during Mining Operations.                                                                                                                                                                                                                                                                                                                                                                                                              |             |               |              |      |         |      |         |      |         |       |              |              |

| S. NO. | CONDITIONS                                                                                                                                      | COMPLIANCE STATUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (xiv)  | Rainwater harvesting measures shall be taken up in consultation with the Regional Office, CGWB to recharge and augment groundwater in the area. | <p>Rainwater harvesting measures being done with channelization of rainwater inside the excavated pits in the area. Thus, the entire precipitation water of the lease area being taken inside the pits for ground water recharge in the area. A study from reputed consultant and ex-Director of CGWB is carried out for systematic Rainwater Harvesting in Gop Mines. The report with proposals is submitted to Regional Office, CGWB, Ahmedabad along with application for Ground Water abstraction.</p> <p>As per proposal:</p> <ol style="list-style-type: none"> <li>1. Old mine pits are created which serves as recharge ponds. Additionally</li> <li>2. Circular pits in plantation area are also being made.</li> <li>3. Artificial Recharge structure at proposed Mines Office is also created.</li> </ol> <p>In this regard we have also requested guidance and expertise from Regional Director, C.G.W.B. Ahmedabad.</p> |



| S. NO. | CONDITIONS                                                                                                                                                                        | COMPLIANCE STATUS                                                                                                                                                                                                                                                                  |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (xv)   | A final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment and Forests 5 years in advance of final mine closure for approval. | The validity of Mining Lease is up to 31.03.2030. Balance life of Mine is envisaged as 11 Years @ present rates of production. So Final Closure is anticipated by 2030; accordingly, Final Mine Closure plan will be submitted by 2025 i.e. before 5 years of anticipated closure. |
| (xvi)  | Consent to operate shall be obtained from the SPCB before expanding mining operations.                                                                                            | Consent to Operate has been renewed vide order no AWH 106505, valid up to <b>20/02/2025</b> vide letter no PC/CCA-JMN-46(3)/ID-30566, dated 03.02.2020                                                                                                                             |

[illegible]

|           |                                                                                                                                       |                                                                                                           |           |                                                       |                         |                                  |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------|-------------------------|----------------------------------|
| <b>B.</b> | <b>General conditions</b>                                                                                                             |                                                                                                           |           |                                                       |                         |                                  |
| (i)       | No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests. | No change is made in Mining Technology and scope of working.                                              |           |                                                       |                         |                                  |
| (ii)      | No change in the calendar plan including excavation, quantum of limestone and waste should be made.                                   | Similarly, no change is made in the calendar plans including excavations, quantum of Limestone and waste. |           |                                                       |                         |                                  |
|           |                                                                                                                                       | Year                                                                                                      | Mineral   | Proposed Production as per approved Mining Plan in MT | Actual Production in MT | Remarks                          |
|           |                                                                                                                                       | 2021-22                                                                                                   | Limestone | 249425                                                | 0.000                   | Mines is temporary discontinued. |

| S. NO. | CONDITIONS                                                                                                                                                                                                                                          | COMPLIANCE STATUS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (iii)  | Data on ambient air quality (RPM and SPM) should be regularly submitted once a year to the Ministry including its Regional Office (WZ) at Bhopal and the Gujarat State Pollution Control Board /Central Pollution Control Board once in six months. | Data of ambient air quality (RPM & SPM) are regularly submitted half yearly on or before 1 <sup>st</sup> June and 1 <sup>st</sup> December to MOEF including Regional Office (WR) Bhopal and GPCB, Gandhinagar. Data of Ambient air Quality Survey conducted during the half year period <b>April-21 to Sept-21</b> is enclosed as <b>Annexure –B</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| (iv)   | Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, wagon loading, dump trucks (loading & unloading) should be provided and properly maintained.                                 | Fugitive dust emissions from all the sources are controlled by regularly water spraying on haul roads, loading sites etc. being complied.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| (v)    | Adequate measures should be taken for control of noise levels in the work environment.                                                                                                                                                              | Regularly monitoring the noise level. Data of Noise level for the period of <b>April-21 to Sept-21</b> is enclosed as <b>Annexure C.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| (vi)   | Industrial wastewater, if any, should be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 <sup>th</sup> May, 1993 and 31 <sup>st</sup> December, 1993 or as amended from time to time.           | <p>Maintenance of vehicles is being done in Tata Corgo, situated in Rajkot – Jamnagar Highway, Hapa, Jamnagar, Gujarat.</p> <p>All maintenance &amp; treatment facilities like ETP are available as per the norms. A Photograph is attached for your kind reference. Hence this condition may be treated as complied.</p>                                                                                                                                                                                                                                                                                                                                                                                                                    |
| (vii)  | Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.                                                              | Occupational health surveillance program of the workers is being taken periodically to observe any contractions due to exposure to dust. Initial (IME) and Periodical Medical Examination (PME) of all the work persons is done at statutory intervals. Initial / Periodical Medical Examination is being carried out for following parameters as per Form O under rule 29 B of Mines Rules 1955 for all employees General Development: Height, Weight, Eye, Ears, Respiratory System, Circulatory System, Nervous System, Locomotor System, Hydrocele Any other abnormality. Urine, Skiagram of Chest, Cardiological Assessment, Neurological Assessment, ILO-Chest Radiograph, Spirometry, Audiometry, Pathological Test (Blood Sugar – Fasting & Post Prandial) So far not a single case is detected for dust borne disease. |
| (viii) | The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to this Ministry's Regional Office                              | <p>The funds earmarked for environmental protection measures is kept in separate account and not diverted for other purpose. Expenditure for environmental protection measures is given below:</p> <p>Last 9 years Recurring yearly data is as under:</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| S. NO. | CONDITIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | COMPLIANCE STATUS                                                                                                                                                                                                                                                                                                  |                        |                              |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------|
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S.No.                                                                                                                                                                                                                                                                                                              | Year                   | Recurring Yearly Expenditure |
|        | located at Bhopal (WZ).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                                                                                                                                                                                                                                                                  | 2013-14                | 375319                       |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                                                                                                                                                                                                                                                                                                                  | 2014-15                | 123321                       |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3                                                                                                                                                                                                                                                                                                                  | 2015-16                | 131240                       |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4                                                                                                                                                                                                                                                                                                                  | 2016-17                | 199408                       |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5                                                                                                                                                                                                                                                                                                                  | 2017-18                | 321289                       |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6                                                                                                                                                                                                                                                                                                                  | 2018-19                | 224666                       |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7                                                                                                                                                                                                                                                                                                                  | 2019-20                | 187086                       |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8                                                                                                                                                                                                                                                                                                                  | 2020-21                | 976350                       |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9                                                                                                                                                                                                                                                                                                                  | 2021-22 (till Sept.21) | 537063                       |
|        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Expenditure for environmental protection measures is attached as <b>Annexure D.</b>                                                                                                                                                                                                                                |                        |                              |
| ix)    | The Regional Office (WZ) of this Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the office (s) of the Regional Office by furnishing the requisite data / information/ monitoring reports.                                                                                                                                                                                                                                                      | We are submitting six monthly compliance report along with annexures to the MoEF Regional Office Bhopal and GPCB. Full co-operation is being extended to the authorities/officials by providing data/information/monitoring report etc.                                                                            |                        |                              |
| (x)    | A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom and suggestion / representation has been received while processing the proposal.                                                                                                                                                                                                                                                                                                                                                            | Copy of Environmental Clearance letter was handed over to all concerned Panchayat vide letter dated 13.12.2005                                                                                                                                                                                                     |                        |                              |
| (xi)   | State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre and Collector's Office/Tehsildar's Office for 30 days and provides copies of the same to anyone requesting for the same.                                                                                                                                                                                                                                                                                       | SPCB displayed the copy of EC as per procedure.                                                                                                                                                                                                                                                                    |                        |                              |
| (xii)  | The project authorities should advertise at least in two local newspapers widely circulated around the project, one of which shall be in vernacular language of the locality concerned, within 7 days of the issue of clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at web site of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . | We have advertised in two local newspapers dated 10.12.2005 in respect of Environmental Clearance having been accorded to our Limestone Mines, by the MoEF New Delhi. The publication has appeared in the –<br>(1) Times of India – Ahmedabad Edition<br>(2) Phoolchhab – Rajkot edition.<br><br>Copy given below: |                        |                              |



**FORM V**

Annexure A

**Environment Audit Report for the financial year ending the 31<sup>st</sup> March 2021****PART – A**

1. Name & Address of the Owner/  
Occupier of the Industry  
Operation or process : **Shree Digvijay Cement Co. Ltd.  
GOP (Composite) Limestone Mine  
Survey No.50 /17, Village-Gop/Jeenavari,  
Taluka-Jamjodhpur, Distt. - Jamnagar  
(Gujarat)**
2. Industry Category :  
Primary: (STC Code) : **Mining Industry**  
Secondary: (SIC Code)
3. Production Capacity : **0.25 Million TPA**
4. Year of Establishment : **01.06.1978 & 17.06.86**
5. Date of the last Environmental  
Statement submitted : **11.05.2020**

**PART – B****Water & Raw Material Consumption**(i) \* Water consumption M<sup>3</sup> / day

|                     |   |                |
|---------------------|---|----------------|
| Process             | : | <b>0</b>       |
| Cooling             | : | <b>0</b>       |
| Domestic (Drinking) | : | <b>20 KL</b>   |
| Dust Suppression    | : | <b>2.64 KL</b> |
| Plantation          | : | <b>0.51 KL</b> |

(\*)P. S. Yearly consumption spread equally over 365 days of a year

|  | Name of products | Process water consumption per unit of product |                                          |
|--|------------------|-----------------------------------------------|------------------------------------------|
|  |                  | During previous Financial Year<br>2019-20     | During current<br>Financial Year 2020-21 |
|  | <b>LIMESTONE</b> | <b>Not Applicable</b>                         | <b>Not Applicable</b>                    |

(ii) Raw material consumption

| S.<br>No. | Name of raw materials   | Name of<br>Products | Consumption of raw material<br>per unit of output |                                              |
|-----------|-------------------------|---------------------|---------------------------------------------------|----------------------------------------------|
|           |                         |                     | During the previous<br>financial year 2019-20     | During the current<br>financial year 2020-21 |
| 1.        | <b>Explosives</b>       | <b>Limestone</b>    | <b>0</b>                                          | <b>0</b>                                     |
| 2         | <b>Ammonium nitrate</b> |                     | <b>0</b>                                          | <b>0</b>                                     |
| 3         | <b>Detonating Fuse</b>  |                     | <b>0</b>                                          | <b>0</b>                                     |
| 4         | <b>Safety Fuse</b>      |                     | <b>0</b>                                          | <b>0</b>                                     |
| 5         | <b>Detonator</b>        |                     | <b>0</b>                                          | <b>0</b>                                     |
| 6         | <b>Cord Relays</b>      |                     | <b>0</b>                                          | <b>0</b>                                     |
| 7         | <b>HSD</b>              |                     | <b>0.0 L</b>                                      | <b>80512 L</b>                               |
| 8         | <b>Lubricant oil</b>    |                     | <b>0.0 L</b>                                      | <b>1509 L</b>                                |
| 9         | <b>Grease</b>           |                     | <b>0.0 Kg</b>                                     | <b>233.5 Kg</b>                              |

### PART – C

Pollution discharged to Environment/unit of output

(Parameter as specified in the consent issued)

|     | Pollutants   | Qty. of pollutants discharged (Kg/Day)                       | Concentration of pollutants in discharges (Mg/Nm <sup>3</sup> ) | Percentage of variation from prescribed standard with reasons |
|-----|--------------|--------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|
| (a) | <b>Water</b> | <b>9 KL goes to ground through septic tank and soak pit,</b> |                                                                 |                                                               |
| (b) | <b>Air</b>   | <b>Enclosed Annexure-1</b>                                   |                                                                 |                                                               |
|     |              | --                                                           | --                                                              | --                                                            |
|     |              | --                                                           | --                                                              | --                                                            |
|     |              | --                                                           | --                                                              | --                                                            |

Note: The prescribed limit of concentration as per the Consent issued –

| Sr. No. | Pollutant                                                                                            | Time Weightage Average | Concentration in Ambient Air |
|---------|------------------------------------------------------------------------------------------------------|------------------------|------------------------------|
| 1       | Sulphur dioxide (SO <sub>2</sub> ) in Microgram/M <sup>3</sup>                                       | Annual<br>24 hours     | 50<br>80                     |
| 2       | Nitrogen Dioxide(NO <sub>x</sub> ) in Microgram/M <sup>3</sup>                                       | Annual<br>24 hours     | 40<br>80                     |
| 3       | Particulate Matter (Size less than 10 Microgram/M <sup>3</sup> or PM 10 Microgram/M <sup>3</sup> )   | Annual<br>24 hours     | 60<br>100                    |
| 4       | Particulate Matter (Size less than 2.5 Microgram/M <sup>3</sup> or PM 2.5 Microgram/M <sup>3</sup> ) | Annual<br>24 hours     | 40<br>60                     |

### PART – D

Hazardous Wastes

(As specified under Hazardous Wastes/Management & Handling Rules, 1989)

|     | Hazardous Wastes                                | Total Quantity (Kg.)               |                                   |
|-----|-------------------------------------------------|------------------------------------|-----------------------------------|
|     |                                                 | During the previous Financial Year | During the current Financial Year |
| (a) | From Process<br><b>(Used Oil from Machines)</b> | <b>0 Litres</b>                    | <b>10 Litres</b>                  |
| (b) | From pollution control facilities               | -                                  | -                                 |

### PART – E

(Solid Wastes)

|     |                                                     | Total Quantity                                                                    |                                   |
|-----|-----------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------|
|     |                                                     | During the Previous Financial Year                                                | During the current Financial Year |
| (a) | From process                                        | <b>Not applicable, as there is no generation of solid waste from the process.</b> |                                   |
| (b) | From pollution control Facility                     |                                                                                   |                                   |
| (c) | i) Quantity recycled or re-utilised within the unit |                                                                                   |                                   |
|     | ii) Sold                                            |                                                                                   |                                   |
|     | iii) Disposed                                       |                                                                                   |                                   |

## PART - F

Please specify the characterization (in terms of concentration and quantum) of Hazardous as well as solid waste and indicate disposal practice adopted for both these categories of waste.

The used oil when taken out of machine at oil change time, it is collected in an empty barrel. This oil is reused for external lubrication of running moving parts of loading machine and lubrication system of drill machine.

**Not applicable;** as described above in Part - E.

## PART - G

**Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.**

Due to additional higher investment cost of pollution control monitoring and abatement measures there is slight additional burden on cost of production. Thus, the cost of production increases to certain extent. However, as it is absolutely necessary to have a pollution control to conserve ecology & environment, we have planted trees in the mines.

## PART - H

Additional measures investment proposal for environmental protection including abatement of pollution, prevention of pollution.

Following control measures were contemplated for reducing dust in mines.

1. Dust suppressed on haul road by water sprinkling.
2. Fumes and smoke emissions from HEMM controlled by regular maintenance and timely overhaul of engines.
3. Tarpaulin covering on the transporting vehicle before leaving the mine site.
4. AAQ monitoring is done on regular basis. Contract awarded to Royal Environment Auditing and consultancy Service, Rajkot and reports are submitted to GPCB, Gandhinagar, MOEF, New Delhi and Regional Office of MOEF, Bhopal.

## PART - I

**Any other particulars for improving the quality of the environment**

Following are various measures taken by us: -

1. Plantation has been done in mines.
2. Sense of creating & maintaining clean environment among the employees are being created by celebrating Mines Environment and Mineral Conservation Week every year and Environment Day and other such functions time to time on Environment, keeping slogan boards on environment etc.

Date: 22.05.2021



Signature of a person carrying out  
an industry, operation or process

Name: SHYAM NARAYAN SINGH  
Designation: Manager (Mines)  
Address: Shree Digvijay Cement Co. Ltd.  
P.O. Digvijaygram 361140  
(Via) Jamnagar, Gujarat

**Royal****Environment Auditing & Consultancy Service**

303-304, Shivdik-7, B/s. Bal Adalat, Gondal Road, RAJKOT - 360 002.

Ph : +91 261 2360455 • E-mail : royaleenvironment@live.com • admin@royalconsultancy.com

Annexure - B

Ref. No. :392/04/2021-22

Date: 30/04/2021

**REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone  
GOP MINES : APRIL 2021 (1st time)****Name of company : Shree Digvijay Cement Company Limited**

Digvijaygram - 361 140.

District : Jamnagar.

| Sr. No. | Particulars                               | Unit              | Buffer Zone = 1. Nr. Office Area |                              |                              | Average Result<br>of 24 Hrs. |
|---------|-------------------------------------------|-------------------|----------------------------------|------------------------------|------------------------------|------------------------------|
|         |                                           |                   | 1 <sup>st</sup><br>8:00 Hrs.     | 2 <sup>nd</sup><br>8:00 Hrs. | 3 <sup>rd</sup><br>8:00 Hrs. |                              |
| 01.     | Date of sampling                          | ---               | 08/04/2021                       | 08/04/2021                   | 09/04/2021                   | 09/04/2021                   |
| 02.     | Duration of Sampling                      | Hrs.              | 8.00                             | 8.00                         | 8.00                         | 24.00                        |
| 03.     | Dominant Wind Direction (From)            | ---               | NE                               | NE                           | NE                           | NE                           |
| 04.     | Average Wind Speed                        | Km./Hrs.          | 3 to 13                          | 3 to 13                      | 3 to 13                      | 3 to 13                      |
| 05.     | Average flow rate during sampling         | m3/minutes        | 1.20                             | 1.20                         | 1.20                         | 1.20                         |
| 06.     | Average flow rate for Gas sampling        | LPM               | 2.0                              | 2.0                          | 2.0                          | 2.0                          |
| 07.     | Permissible Limits of PM 2.5              | µg/m <sup>3</sup> | 60                               | 60                           | 60                           | 60                           |
| 08.     | Measured Concentration of PM 2.5          | µg/m <sup>3</sup> | 35                               | 36                           | 30                           | 33.7                         |
| 09.     | Permissible Limits of PM 10               | µg/m <sup>3</sup> | 100                              | 100                          | 100                          | 100                          |
| 10.     | Measured Concentration of PM 10           | µg/m <sup>3</sup> | 62                               | 70                           | 55                           | 62.3                         |
| 11.     | Permissible Limits of SO <sub>2</sub>     | µg/m <sup>3</sup> | 80                               | 80                           | 80                           | 80                           |
| 12.     | Measured Concentration of SO <sub>2</sub> | µg/m <sup>3</sup> | 15.2                             | 14.5                         | 11.3                         | 13.7                         |
| 13.     | Permissible Limits of NO <sub>2</sub>     | µg/m <sup>3</sup> | 80                               | 80                           | 80                           | 80                           |
| 14.     | Measured Concentration of NO <sub>2</sub> | µg/m <sup>3</sup> | 25.3                             | 22.3                         | 23.3                         | 23.6                         |

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseouse Sampling Kit- AAS 109 &amp; PM 2.5 Sampler AAS 127

Calibrate Done on : 17/06/2020

Royal Environment Auditing &amp; Consultancy Service

Jagdish  
Analyst



# Royal

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Ph: +91 281 2380695 ■ E-mail: royalenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. :453/04/2021-22

Date: 30/04/2021

### REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : APRIL 2021 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

| Sr. No. | Particulars                               | Unit              | Buffer Zone = 1. Nr. Office Area |                              |                              | Average Result<br>of 24 Hrs. |
|---------|-------------------------------------------|-------------------|----------------------------------|------------------------------|------------------------------|------------------------------|
|         |                                           |                   | 1 <sup>st</sup><br>8:00 Hrs.     | 2 <sup>nd</sup><br>8:00 Hrs. | 3 <sup>rd</sup><br>8:00 Hrs. |                              |
| 01.     | Date of sampling                          | ---               | 21/04/2021                       | 21/04/2021                   | 22/04/2021                   | 22/04/2021                   |
| 02.     | Duration of Sampling                      | Hrs.              | 8.00                             | 8.00                         | 8.00                         | 24.00                        |
| 03.     | Dominant Wind Direction (From)            | ---               | NW                               | NW                           | NW                           | NW                           |
| 04.     | Average Wind Speed                        | Km./Hrs.          | 3 to 12                          | 3 to 12                      | 3 to 12                      | 3 to 12                      |
| 05.     | Average flow rate during sampling         | m3/minutes        | 1.20                             | 1.10                         | 1.10                         | 1.13                         |
| 06.     | Average flow rate for Gas sampling        | LPM               | 2.0                              | 2.0                          | 2.0                          | 2.0                          |
| 07.     | Permissible Limits of PM 2.5              | µg/m <sup>3</sup> | 60                               | 60                           | 60                           | 60                           |
| 08.     | Measured Concentration of PM 2.5          | µg/m <sup>3</sup> | 38                               | 40                           | 32                           | 36.7                         |
| 09.     | Permissible Limits of PM 10               | µg/m <sup>3</sup> | 100                              | 100                          | 100                          | 100                          |
| 10.     | Measured Concentration of PM 10           | µg/m <sup>3</sup> | 71                               | 73                           | 62                           | 68.7                         |
| 11.     | Permissible Limits of SO <sub>2</sub>     | µg/m <sup>3</sup> | 80                               | 80                           | 80                           | 80                           |
| 12.     | Measured Concentration of SO <sub>2</sub> | µg/m <sup>3</sup> | 14.6                             | 15.5                         | 13.3                         | 14.5                         |
| 13.     | Permissible Limits of NO <sub>2</sub>     | µg/m <sup>3</sup> | 80                               | 80                           | 80                           | 80                           |
| 14.     | Measured Concentration of NO <sub>2</sub> | µg/m <sup>3</sup> | 24.3                             | 23.3                         | 19.5                         | 22.4                         |

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseouse Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 17/05/2020

Royal Environment Auditing & Consultancy Service



Jayalish  
Analyst



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Ref. No. :492/05/2021-22

Date: 31/05/2021

### REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : MAY 2021 (1st time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

| Sr. No. | Particulars                               | Unit              | Buffer Zone = 1. Nr. Office Area |                              |                              | Average Result of<br>24 Hrs. |
|---------|-------------------------------------------|-------------------|----------------------------------|------------------------------|------------------------------|------------------------------|
|         |                                           |                   | 1 <sup>st</sup><br>8:00 Hrs.     | 2 <sup>nd</sup><br>8:00 Hrs. | 3 <sup>rd</sup><br>8:00 Hrs. |                              |
| 01.     | Date of sampling                          | ---               | 10/05/2021                       | 10/05/2021                   | 11/05/2021                   | 11/05/2021                   |
| 02.     | Duration of Sampling                      | Hrs.              | 8.00                             | 8.00                         | 8.00                         | 24.00                        |
| 03.     | Dominant Wind Direction (From)            | ---               | NW                               | NW                           | NW                           | NW                           |
| 04.     | Average Wind Speed                        | Km./Hrs.          | 4 to 13                          | 4 to 13                      | 4 to 13                      | 4 to 13                      |
| 05.     | Average flow rate during sampling         | m3/minutes        | 1.10                             | 1.10                         | 1.10                         | 1.10                         |
| 06.     | Average flow rate for Gas sampling        | LPM               | 2.0                              | 2.0                          | 2.0                          | 2.0                          |
| 07.     | Permissible Limits of PM 2.5              | µg/m <sup>3</sup> | 60                               | 60                           | 60                           | 60                           |
| 08.     | Measured Concentration of PM 2.5          | µg/m <sup>3</sup> | 37                               | 38                           | 32                           | 35.7                         |
| 09.     | Permissible Limits of PM 10               | µg/m <sup>3</sup> | 100                              | 100                          | 100                          | 100                          |
| 10.     | Measured Concentration of PM 10           | µg/m <sup>3</sup> | 64                               | 72                           | 58                           | 64.7                         |
| 11.     | Permissible Limits of SO <sub>2</sub>     | µg/m <sup>3</sup> | 80                               | 80                           | 80                           | 80                           |
| 12.     | Measured Concentration of SO <sub>2</sub> | µg/m <sup>3</sup> | 16.1                             | 15.4                         | 12.4                         | 14.6                         |
| 13.     | Permissible Limits of NO <sub>2</sub>     | µg/m <sup>3</sup> | 80                               | 80                           | 80                           | 80                           |
| 14.     | Measured Concentration of NO <sub>2</sub> | µg/m <sup>3</sup> | 26.1                             | 23.5                         | 21.5                         | 23.7                         |

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseouse Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 17/06/2020

Royal Environment Auditing & Consultancy Service

Analyst



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Ref. No. :553/05/2021-22

Date: 31/05/2021

### REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : MAY 2021 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

| Sr. No. | Particulars                               | Unit              | Buffer Zone = 1. Nr. Office Area |                              |                              | Average Result of<br>24 Hrs. |
|---------|-------------------------------------------|-------------------|----------------------------------|------------------------------|------------------------------|------------------------------|
|         |                                           |                   | 1 <sup>st</sup><br>8:00 Hrs.     | 2 <sup>nd</sup><br>8:00 Hrs. | 3 <sup>rd</sup><br>8:00 Hrs. |                              |
| 01.     | Date of sampling                          | ---               | 20/05/2021                       | 20/05/2021                   | 21/05/2021                   | 21/05/2021                   |
| 02.     | Duration of Sampling                      | Hrs.              | 8.00                             | 8.00                         | 8.00                         | 24.00                        |
| 03.     | Dominant Wind Direction (From)            | ----              | NW                               | NW                           | NW                           | NW                           |
| 04.     | Average Wind Speed                        | Km./Hrs.          | 2 to 12                          | 2 to 12                      | 2 to 12                      | 2 to 12                      |
| 05.     | Average flow rate during sampling         | m3/minutes        | 1.10                             | 1.20                         | 1.20                         | 1.17                         |
| 06.     | Average flow rate for Gas sampling        | LPM               | 2.0                              | 2.0                          | 2.0                          | 2.0                          |
| 07.     | Permissible Limits of PM 2.5              | µg/m <sup>3</sup> | 60                               | 60                           | 60                           | 60                           |
| 08.     | Measured Concentration of PM 2.5          | µg/m <sup>3</sup> | 36                               | 38                           | 34                           | 36.0                         |
| 09.     | Permissible Limits of PM 10               | µg/m <sup>3</sup> | 100                              | 100                          | 100                          | 100                          |
| 10.     | Measured Concentration of PM 10           | µg/m <sup>3</sup> | 69                               | 71                           | 60                           | 66.7                         |
| 11.     | Permissible Limits of SO <sub>2</sub>     | µg/m <sup>3</sup> | 80                               | 80                           | 80                           | 80                           |
| 12.     | Measured Concentration of SO <sub>2</sub> | µg/m <sup>3</sup> | 13.5                             | 14.6                         | 12.5                         | 13.5                         |
| 13.     | Permissible Limits of NO <sub>2</sub>     | µg/m <sup>3</sup> | 80                               | 80                           | 80                           | 80                           |
| 14.     | Measured Concentration of NO <sub>2</sub> | µg/m <sup>3</sup> | 23.4                             | 21.1                         | 18.4                         | 21.0                         |

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseouse Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 17/06/2020

Royal Environment Auditing & Consultancy Service

Jaydeep  
Analyst



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Ref. No. 592/06/2021-22

Date: 30/06/2021

### REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : JUNE 2021 (1st time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

| Sr. No. | Particulars                               | Unit                    | Buffer Zone = 1. Nr. Office Area |                              |                              | Average Result of<br>24 Hrs. |
|---------|-------------------------------------------|-------------------------|----------------------------------|------------------------------|------------------------------|------------------------------|
|         |                                           |                         | 1 <sup>st</sup><br>8:00 Hrs.     | 2 <sup>nd</sup><br>8:00 Hrs. | 3 <sup>rd</sup><br>8:00 Hrs. |                              |
| 01.     | Date of sampling                          | —                       | 11/06/2021                       | 11/06/2021                   | 12/06/2021                   | 12/06/2021                   |
| 02.     | Duration of Sampling                      | Hrs.                    | 8.00                             | 8.00                         | 8.00                         | 24.00                        |
| 03.     | Dominant Wind Direction (From)            | —                       | SW                               | SW                           | SW                           | SW                           |
| 04.     | Average Wind Speed                        | Km./Hrs.                | 2 to 13                          | 2 to 13                      | 2 to 13                      | 2 to 13                      |
| 05.     | Average flow rate during sampling         | m <sup>3</sup> /minutes | 1.20                             | 1.20                         | 1.20                         | 1.20                         |
| 06.     | Average flow rate for Gas sampling        | LPM                     | 2.0                              | 2.0                          | 2.0                          | 2.0                          |
| 07.     | Permissible Limits of PM 2.5              | µg/m <sup>3</sup>       | 60                               | 60                           | 60                           | 60                           |
| 08.     | Measured Concentration of PM 2.5          | µg/m <sup>3</sup>       | 35                               | 34                           | 39                           | 36.0                         |
| 09.     | Permissible Limits of PM 10               | µg/m <sup>3</sup>       | 100                              | 100                          | 100                          | 100                          |
| 10.     | Measured Concentration of PM 10           | µg/m <sup>3</sup>       | 62                               | 70                           | 60                           | 64.0                         |
| 11.     | Permissible Limits of SO <sub>2</sub>     | µg/m <sup>3</sup>       | 80                               | 80                           | 80                           | 80                           |
| 12.     | Measured Concentration of SO <sub>2</sub> | µg/m <sup>3</sup>       | 17.2                             | 14.5                         | 13.5                         | 15.1                         |
| 13.     | Permissible Limits of NO <sub>2</sub>     | µg/m <sup>3</sup>       | 80                               | 80                           | 80                           | 80                           |
| 14.     | Measured Concentration of NO <sub>2</sub> | µg/m <sup>3</sup>       | 25.2                             | 22.6                         | 20.6                         | 22.8                         |

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseouse Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 17/06/2020

Royal Environment Auditing & Consultancy Service



Jagdish  
Analyst



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Ref No. 653/06/2021-22

Date: 30/06/2021

### REPORT OF AMBIENT AIR QUALITY MONITORING : Buffer Zone GOP MINES : JUNE 2021 (2nd time)

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

| Sr. No. | Particulars                               | Unit              | Buffer Zone = 1. Nr. Office Area |                              |                              | Average Result of<br>24 Hrs. |
|---------|-------------------------------------------|-------------------|----------------------------------|------------------------------|------------------------------|------------------------------|
|         |                                           |                   | 1 <sup>st</sup><br>8:00 Hrs.     | 2 <sup>nd</sup><br>8:00 Hrs. | 3 <sup>rd</sup><br>8:00 Hrs. |                              |
| 01.     | Date of sampling                          | ---               | 22/06/2021                       | 22/06/2021                   | 23/06/2021                   | 23/06/2021                   |
| 02.     | Duration of Sampling                      | Hrs.              | 8.00                             | 8.00                         | 8.00                         | 24.00                        |
| 03.     | Dominant Wind Direction (From)            | ---               | SW                               | SW                           | SW                           | SW                           |
| 04.     | Average Wind Speed                        | Km./Hrs.          | 3 to 12                          | 3 to 12                      | 3 to 12                      | 3 to 12                      |
| 05.     | Average flow rate during sampling         | m3/minutes        | 1.20                             | 1.10                         | 1.10                         | 1.13                         |
| 06.     | Average flow rate for Gas sampling        | LPM               | 2.0                              | 2.0                          | 2.0                          | 2.0                          |
| 07.     | Permissible Limits of PM 2.5              | µg/m <sup>3</sup> | 60                               | 60                           | 60                           | 60                           |
| 08.     | Measured Concentration of PM 2.5          | µg/m <sup>3</sup> | 34                               | 36                           | 32                           | 34.0                         |
| 09.     | Permissible Limits of PM 10               | µg/m <sup>3</sup> | 100                              | 100                          | 100                          | 100                          |
| 10.     | Measured Concentration of PM 10           | µg/m <sup>3</sup> | 64                               | 69                           | 58                           | 63.7                         |
| 11.     | Permissible Limits of SO <sub>2</sub>     | µg/m <sup>3</sup> | 80                               | 80                           | 80                           | 80                           |
| 12.     | Measured Concentration of SO <sub>2</sub> | µg/m <sup>3</sup> | 15.3                             | 16.4                         | 13.4                         | 15.0                         |
| 13.     | Permissible Limits of NO <sub>2</sub>     | µg/m <sup>3</sup> | 80                               | 80                           | 80                           | 80                           |
| 14.     | Measured Concentration of NO <sub>2</sub> | µg/m <sup>3</sup> | 22.5                             | 20.8                         | 17.3                         | 20.2                         |

Instrument used : 1) Ecotech RDS, Model No. AAS - 217BL, Gaseous Sampling Kit- AAS 109 & PM 2.5 Sampler AAS 127

Calibrate Done on : 17/06/2020

Royal Environment Auditing & Consultancy Service



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Analyst

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Annexure - C

Ref. No. : 397/04/2021-22

Date: 30/04/2021

**REPORT OF AMBIENT NOISE LEVEL MEASUREMENT**

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 10/04/2021

| Sr. No. | Location of Sampling                        | Noise Level Avg. in dB (A)       |                                    |
|---------|---------------------------------------------|----------------------------------|------------------------------------|
|         |                                             | Day Time<br>06:00 AM to 10:00 PM | Night Time<br>10:00 PM to 06:00 AM |
| 01.     | GOP Mines Adm. Building                     | 51.2                             | 40.8                               |
| 02.     | Chorbedi Mines Adm. Building                | 47.2                             | 35.1                               |
| 03.     | Pachhtar and Pachhtardi Mines Adm. Building | 48.3                             | 34.3                               |

| CPCB Standards |                         |                     |            |
|----------------|-------------------------|---------------------|------------|
| Area Code      | Category of Area / Zone | Limit in dB(A) Leq. |            |
|                |                         | Day Time            | Night Time |
| A              | Industrial Area         | 75.0                | 70.0       |
| B              | Commercial Area         | 65.0                | 55.0       |
| C              | Residential Area        | 55.0                | 45.0       |
| D              | Silence Zone            | 50.0                | 40.0       |

Reference : Limits As Per The Noise Pollution Regulation and Control Rules, 2000 Schedule See Rule 3(1) and 4(1).

Instruments used : Sound level meter, model : SL- 4001. (Lutron Make)

Range : (A)- 30 to 80 dB, (B) - 50 to 100 dB, (C) - 60 to 130 dB.

Calibration done on : 12/09/2020



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Ref. No. : 398/04/2021-22

Date: 30/04/2021

### WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140,

District : Jamnagar.

Sampling Date : 10/04/2021

| Sr. No.                          | Location of Sampling                              | dB(A)        |                        |                        |
|----------------------------------|---------------------------------------------------|--------------|------------------------|------------------------|
| Permissible Limits for 8:00 Hrs. |                                                   | 90 dBA       |                        |                        |
| CHORBEDI MINES                   |                                                   | Inside Cabin | 15 Mtr. Away from m/c. | 50 Mtr. Away from m/c. |
| 01.                              | Dozer D8 - N (CAT)                                | 82.8         | 80.5                   | 72.5                   |
| 02.                              | Hyndai - 140 Excavator                            | 86.1         | 83.3                   | 70.5                   |
| 03.                              | Tata - 200 Excavator                              | 82.9         | 81.2                   | 70.5                   |
| Pachhtar and Pachhtardi Mines    |                                                   | Inside Cabin | 15 Mtr. Away from m/c. | 50 Mtr. Away from m/c. |
| 04.                              | Dozer D - 8R                                      | 84.3         | 80.8                   | 72.5                   |
| 05.                              | Hyndai - 140 (LC - 9)                             | 83.2         | 81.3                   | 70.2                   |
| 06.                              | Tata - 200 Bracker                                | 85.1         | 80.3                   | 71.3                   |
| GOP MINES                        |                                                   | Inside Cabin | 15 Mtr. Away from m/c. | 50 Mtr. Away from m/c. |
| 07.                              | Temporary Discontinued - Not Running during visit | ---          | ---                    | ---                    |

Instruments used : Sound level meter, Model : SL - 4030 (Lutron Make)

Range : A - 30 to 80 dB, B-50 to 100 dB, C-80 to 130 dB.

Calibration is Done On : 12/09/2020

Royal Environment Auditing & Consultancy Service



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Ref. No. : 497/05/2021-22

Date: 31/05/2021

### REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 11/05/2021

| Sr. No. | Location of Sampling                           | Noise Level Avg. in dB (A)       |                                    |
|---------|------------------------------------------------|----------------------------------|------------------------------------|
|         |                                                | Day Time<br>06:00 AM to 10:00 PM | Night Time<br>10:00 PM to 06:00 AM |
| 01.     | GOP Mines Adm. Building                        | 52.5                             | 41.7                               |
| 02.     | Chorbedi Mines Adm. Building                   | 46.3                             | 34.2                               |
| 03.     | Pachhtar and Pachhtardi Mines<br>Adm. Building | 49.4                             | 33.5                               |

| CPCB Standards |                         |                     |            |
|----------------|-------------------------|---------------------|------------|
| Area Code      | Category of Area / Zone | Limit in dB(A) Leq. |            |
|                |                         | Day Time            | Night Time |
| A              | Industrial Area         | 75.0                | 70.0       |
| B              | Commercial Area         | 65.0                | 55.0       |
| C              | Residential Area        | 55.0                | 45.0       |
| D              | Silence Zone            | 50.0                | 40.0       |

Reference : Limits As Per The Noise Pollution Regulation and Control Rules, 2000 Schedule See Rule 3(1) and 4(1).

Instruments used : Sound level meter, model : SL- 4001. (Lutron Make)

Calibration done on : 12/09/2020

Range : (A) - 30 to 80 dB, (B) - 50 to 100 dB, (C) - 80 to 130 dB.

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Ref. No. : 498/05/2021-22

Date: 31/05/2021

### WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 11/05/2021

| Sr. No.                          | Location of Sampling                              | dB(A)        |                        |                        |
|----------------------------------|---------------------------------------------------|--------------|------------------------|------------------------|
| Permissible Limits for 8:00 Hrs. |                                                   | 90 dBA       |                        |                        |
| CHORBEDI MINES                   |                                                   | Inside Cabin | 15 Mtr. Away from m/c. | 50 Mtr. Away from m/c. |
| 01.                              | Dozer D8 - R (CAT)                                | 83.7         | 81.4                   | 73.6                   |
| 02.                              | Hyundai - 140 Excavator                           | 85.2         | 82.1                   | 71.4                   |
| Pachhtar and Pachhtardi Mines    |                                                   | Inside Cabin | 15 Mtr. Away from m/c. | 50 Mtr. Away from m/c. |
| 03.                              | Dozer BD 355 Dozer(New)                           | 83.4         | 81.1                   | 71.5                   |
| 04.                              | Hyundai - 140 (LC - 9)                            | 85.3         | 80.1                   | 72.3                   |
| 05.                              | Tata - 200 Excavator                              | 84.3         | 82.3                   | 70.5                   |
| GOP MINES                        |                                                   | Inside Cabin | 15 Mtr. Away from m/c. | 50 Mtr. Away from m/c. |
| 06.                              | Temporary Discontinued - Not Running during visit | ---          | ---                    | ---                    |

Instruments used : Sound level meter, Model : SL - 4030 (Lutron Make)

Range : A - 30 to 80 dB, B-50 to 100 dB, C-80 to 130 dB.

Calibration is Done On : 12/09/2020

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Ref. No. 597/06/2021-22

Date: 30/06/2021

### REPORT OF AMBIENT NOISE LEVEL MEASUREMENT

**Name of company : Shree Digvijay Cement Company Limited**

Digvijaygram - 361 140.

District : Jamnagar.

Sampling Date : 10/06/2021

| Sr. No. | Location of Sampling                           | Noise Level Avg. in dB (A)       |                                    |
|---------|------------------------------------------------|----------------------------------|------------------------------------|
|         |                                                | Day Time<br>06:00 AM to 10:00 PM | Night Time<br>10:00 PM to 06:00 AM |
| 01.     | GOP Mines Adm. Building                        | 51.4                             | 42.6                               |
| 02.     | Chorbedi Mines Adm. Building                   | 47.2                             | 35.3                               |
| 03.     | Pachhtar and Pachhtardi Mines<br>Adm. Building | 48.5                             | 34.6                               |

#### CPCB Standards

| Area Code | Category of Area / Zone | Limit in dB(A) Leq. |            |
|-----------|-------------------------|---------------------|------------|
|           |                         | Day Time            | Night Time |
| A         | Industrial Area         | 75.0                | 70.0       |
| B         | Commercial Area         | 65.0                | 55.0       |
| C         | Residential Area        | 55.0                | 45.0       |
| D         | Silence Zone            | 50.0                | 40.0       |

Reference : Limits As Per The Noise Pollution Regulation and Control Rules, 2000 Schedule See Rule 3(1) and 4(1)

Instruments used : Sound level meter, model : SL- 4001 (Lutron Make)

Calibration done on : 12/09/2020

Range : (A) - 30 to 80 dB, (B) - 50 to 100 dB, (C) - 80 to 130 dB

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Ref. No. : 598/06/2021-22

Date: 30/06/2021

### WORK ZONE NOISE LEVEL MEASUREMENT

Name of company : Shree Digvijay Cement Company Limited

Digvijaygram - 361 140

District : Jamnagar

Sampling Date : 10/06/2021

| Sr. No.                          | Location of Sampling                              | dB(A)        |                        |                        |
|----------------------------------|---------------------------------------------------|--------------|------------------------|------------------------|
| Permissible Limits for 8:00 Hrs. |                                                   | 90 dBA       |                        |                        |
| CHORBEDI MINES                   |                                                   | Inside Cabin | 15 Mtr. Away from m/c. | 50 Mtr. Away from m/c. |
| 01.                              | Dozer D8 - R (CAT)                                | 82.6         | 80.4                   | 72.5                   |
| 02.                              | Hyundai - 140 Excavator                           | 84.3         | 81.2                   | 70.6                   |
| Pachhtar and Pachhtardi Mines    |                                                   | Inside Cabin | 15 Mtr. Away from m/c. | 50 Mtr. Away from m/c. |
| 03.                              | Dozer BD 355 Dozer(New)                           | 84.3         | 82.2                   | 72.6                   |
| 04.                              | Hyundai - 140 (LC - 9)                            | 86.2         | 81                     | 73.2                   |
| 05.                              | Tata - 200 Excavator                              | 85.2         | 83.2                   | 71.6                   |
| GOP MINES                        |                                                   | Inside Cabin | 15 Mtr. Away from m/c. | 50 Mtr. Away from m/c. |
| 06.                              | Temporary Discontinued - Not Running during visit | ---          | ---                    | ---                    |

Instruments used : Sound level meter, Model : SL - 4030 (Lutron Make)

Range : A - 30 to 80 dB, B-50 to 100 dB, C-80 to 130 dB.

Calibration is Done On : 12/09/2020

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**GOP (COMPOSITE) LIMESTONE MINES**  
**YEARLY EXPENDITURE STATEMENT**  
**FOR ENVIRONMENT MANAGEMENT**  
 From the period of 2021-22

| S. NO. | WORK                                                             | Expenditure in Rs<br>From April 21 to September 21 |
|--------|------------------------------------------------------------------|----------------------------------------------------|
| 1      | Ambient Air & Noise Monitoring                                   | 9720                                               |
| 2      | Water Sprinkling on haul roads                                   | 0                                                  |
| 3      | Purchasing of Sapling                                            | 46400                                              |
| 4      | Purchasing of Soil                                               | 39000                                              |
| 5      | Plantation charge                                                | 342000                                             |
| 6      | Recurring Expenses for Security<br>and Maintenance of Plantation | 99943                                              |
|        | <b>Total</b>                                                     | <b>537063</b>                                      |