## 1. SUMMARY

<table>
<thead>
<tr>
<th>Project</th>
<th>M/s Veerban Tilwani Stone Mine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Company / Mine Owner</td>
<td>Veerban Tilwani</td>
</tr>
<tr>
<td>Location</td>
<td>273/3p, 273/4p, 273/5p, 273/6p and 273/9p</td>
</tr>
<tr>
<td>Village</td>
<td>Charachar</td>
</tr>
<tr>
<td>Taluka</td>
<td>Gunderdehi</td>
</tr>
<tr>
<td>District</td>
<td>Balod</td>
</tr>
<tr>
<td>State</td>
<td>Chhattisgarh</td>
</tr>
</tbody>
</table>

### 2. Geographical co-ordinates

<table>
<thead>
<tr>
<th>BP no.</th>
<th>LATITUDE</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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### 3. Name of Rivers /Nallahs /Tanks/Spring/ Lakes etc

Tandula River 15 km

### 4. Name of Reserve Forest(s), Wildlife Sanctuary/ National parks etc.

Nil

### 5. Topography of the area

Flat Land

### 6. Project Proposal

Mining of minor mineral Lime Stone

### 7. Name of Mineral mined

Lime Stone (Minor Mineral)

### 8. Rate of Production

5550 Tones/year

### 9. Mineral Reserve

Mineable reserve 105821 Tones

### 10. Life of mine

20 yrs

### 11. Drilling/ Blasting

Drilling and Blasting is proposed

### 12. Mining method

Opencast

### 13. Ground water table intersection

No

### 14. Drainage pattern/ water courses

Nil

### 15. Break-up of Land Utilization Pattern

The present land use pattern is barren land and land use pattern after five years and at the end of life of the mine is given below:

<table>
<thead>
<tr>
<th>Articles</th>
<th>After 10 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lease area</td>
<td>1.16 hect.</td>
</tr>
<tr>
<td>Pit</td>
<td>0.717 hect.</td>
</tr>
<tr>
<td>Area of infrastructure</td>
<td>270 m²</td>
</tr>
<tr>
<td>Plantation</td>
<td>0.416 hect.</td>
</tr>
<tr>
<td>Unused area</td>
<td>Nil</td>
</tr>
</tbody>
</table>

### 16. Water requirement & Source

4 KL, from nearby village and tube well
2. INTRODUCTION OF THE PROJECT / BACKGROUND INFORMATION

(i) Identification of Project and Project Proponent.
   Name of the Project:
   M/s Veerbhan Tilwani Stone Mine
   Village- Charachar, Tehsil-Gunderdehi, District- Balod (C.G.)
   Project Proponent: - Veerbhan Tilwani

(ii) Brief Description of Nature of the Project.
   The project is a very small project of Lime Stone Stone mining of minor mineral in area of 1.16 hect. The mining is proposed in Private land in Village- Charachar.

(iii) Need for the Project and its importance to the country and or region,
   The project is a small project for 10 years on Private land. Project proponent is engaged in mining of stone and supplies the aggregate to local contractors who are engaged in construction of road, infra and govt. works. So mining of stone is helping locally to the region in terms of raw material supply.

(iv) Demand Supply Gap:
   Balod is the developing district of Chhattisgarh, lots of industrial and infra work is in progress that requires brick and there is a huge gap between demand and supply.

(v) Demand Supply Analysis:
   Lot of infra work is in progress in Balod district, due to shortage in supply of raw material stone, has to be brought from nearby areas which is increasing the transportation cost, so this project will help to sustain the supply thereby with supply of cheaper raw material.
(vi) **Employment Generation (Direct and Indirect)**

The project will generate direct employment to 10 workers and indirect employment to about 5 persons (tipper operators, canteen etc).

3. **PROJECT DESCRIPTION**

(i) **Type of Project (including interlinked and interdependent project, if any)**

There is no interlink and interdependent projects.

(ii) **Location (map showing general location, specific location and project boundary & project site-specific layout) with coordinates.**

The detail of the area is as under:

- **District**: Balod
- **Tehsil**: Gunderdehi
- **Village**: Charachar
- **Area (ha)**: 1.16 Hectare

The coordinates of the area are:

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(iii) **Details of alternate sites considered and the basis of selecting the proposed site, particularly the environmental considerations gone into should be highlighted.**

No other site has been considered. No river, nalla, habitant or any other sensitive area is located in the close vicinity of the area which may get affected to the proposed activity.

(iv) **Size or Magnitude of operation.**

A small project of 1.16 hect. Area with proposed production of 5550 Tones/year.

(v) **Project Description with Process details (a schematic diagram/ Flow chart showing the project layout, components of the project etc. should be given.**

Project is a small scale mining project using no drill and blast method. The processes involve Drilling, Blasting, Loading, and Transportation.
(vi) Raw Material/ Consumables Required along with estimated quantity, likely source, marketing area of final product, mode of transport of raw material and finished product.
Mining of stone does not require any raw material.

(vii) Availability of water, its source, Energy/power requirement and source should be given.
Requirement of water will be about 4 KL which will be brought from the nearby village tube wells.

Quantity of wastes to be generated (liquid and solid) and scheme for their management/ disposal.
No waste will be generated so no need of any waste management.

Selection of Dumping Site: Not required

4. SITE ANALYSIS
Connectivity:
The area is located near village- Charachar, Tehsil- Gunderdehi, district- Balod. Lease area can be approached by 1.0 km village Kachchha road.

(i) Land Form, and Land Ownership
Private Land

(ii) Topography along with maps.
The topography of the lease area is flat.

(iii) Climatic data from Secondary Sources;
The weather is tropical. Highest temperature reaches to 46° C in summer and lowest temperature falls to 12° C in winter. The average rainfall is 1200 mm.

(iv) Social infrastructure available;
It’s a small scale Stone mining project. No social infrastructure is available.

5) PLANNING BRIEF-
Planning Concept (type of industries, facilities, transportation etc) town and country Planning / Development authority classification:

Population Projection:
The project is a very small existing mining project of minor mineral Lime Stone and does not require much planning for development of the site like roads, housing etc. only a temporary office and shelter is required which is already existing outside . The mining is also very simple and shall be carried out as per mine plan. No population of the area will be affected by the project.
Land Use Planning:
This is a small project and do not require much planning for development of the site. The present land use is mining land after mining the land shall be converted into a water reservoir.

(i) **Assessment of Infrastructure Demand (Physical & Social):**
A Very small project and there is no such demand of any physical or social infrastructure.

6. **PROPOSED INFRASTRUCTURE**
   (i) **Industrial Area (Processing Area)**-
   No processing unit is proposed within the lease area.
   (ii) **Residential**
   Small office is available and mostly local persons will be deployed.
   (iii) **Green Belt**-
   A thick green belt is proposed to be developed around the periphery of bearm area left 7.5 m and along the approach road.

(i) **Social Infrastructure**
Socio-economic conditions of area generally improve as mining activities create additional employment opportunity for local habitants. Socio-economic status of local populace also improves as a result of social welfare activities undertaken by the govt. Significant contributions will be made towards education, medical facilities and cultural aspects. Drinking water facilities has been provided to villagers. Plantation done will improve environmental conditions in the area.

(ii) **Drinking Water Management (Source and Supply of Water)**-
Drinking water about 2 KLPD is required which will be brought from the tube wells

(iii) **Sewerage System:**
Mobile toilets will be used.

(iv) **Industrial Waste Management**
No waste will be generated.

(v) **Power Requirement & Supply / Source.**
Electricity required for illumination.

7. **REHABILITATION AND RESETTLEMENT (R & R) PLAN**
   There is no hutment in the lease area, no human being is displaced from the area so no person will be affected, and contrary local people will get job opportunity.

8. **PROJECT SCHEDULE AND COST ESTIMATES:**
The project is an existing project and will be continued soon after obtaining statutory clearances. Cost of the project is nil, as it is a existing project.
RECOMMENDATIONS

The stone mining in this area will provide employment to nearby villagers. This employment opportunity will help in raising the standard of living of the people in the area. Socio-economic condition of area generally improve as mining activities create additional employment opportunity for local habitant, social – economic status of local populace also improves as a result of social welfare activities under taken by mine owners. Significant contribution will be made towards education medical facilities and cultural aspects. Drinking water facilities will be provided to villagers, plantation will improve environmental condition of the area.