

**APPENDIX I**

**(See paragraph - 6)**

**FORM 1**

**(I) Basic Information**

<b>Sr. No.</b>	<b>Item</b>	<b>Details</b>
1.	Name of the project	<b>Sand Quarry</b> ( Area :2.405 Hect) Shri Girraj Sharma Residence - Behind Mahal Shivpuri (M.P.).
2.	Sr. No. in the Schedule	<b>1(a)</b>
3.	Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of wells to be drilled	53366 m <sup>3</sup> per year <b>Temporary Permit for 2 Year period</b> <b>Lease area 2.0 Hect., Kh. No.- 225/2</b> <b>At Vill.- Rampurghat, Teh.-Gorihar, Dist.- Chhatarpur(M.P.)</b>
4.	New/Expansion/Modernization	New
5.	Existing Capacity/ Area	NA
6.	Category of project A or B	B
7.	Does it attract the general condition? If Yes please specify	N.A.
8.	Does it attract the specific condition? If Yes please specify	N.A.
9.	<b>Location</b> Plot/survey/Khasara no. Village Tehsil District State	<b>225/2</b> <b>Rampurghat</b> <b>Gorihar</b> <b>Chhatarpur</b> <b>M.P.</b>
10.	Nearest railway station/airport along with distance in km	<b>Banda Railway Station -40 Km.</b>
11.	Nearest Town /Village	Rampurghat - <b>0.130 km</b>

	Tehsil District Headquarter	<b>Gorihar - 16 Km.</b> <b>Chhatarpur- 110 Km.</b>
12	Village Panchayat/ZilaParisad/Municipal Corporation/local Body	<b>Village Panchayat- Rampurghat</b>
13	Name of the Applicant	Shri Girraj Sharma
14	Registered add	Behind Mahal, Dist.-Shivpuri(M.P.)
15	Add for correspondence  Pin Code Name Designation (Owner/partner/CEO) Address Pin Code  E Mail  Pin: Telephone No. Fax No	Shri Girraj Sharma Behind Mahal, Dist.-Shivpuri(M.P.) Pin: 471515 Shri Girraj Sharma owner Behind Mahal, Dist.-Shivpuri(M.P.): .....  girraj.env@gmail.com +919425725422
16	Details of alternative site examined, if any, Location of these sites should be shown on a Topo sheet	<b>It is a Specific Project for a Sand Quarry on private land</b> <b>Khasra No. - 225/2</b> <b>At Vill.- Rampurghat , Teh.-Gorihar Dist.- Chhatarpur (M.P.)</b>
17	Interlinked Project	<b>N.A.</b>
18	Whether separate application of interlinked project has been submitted	N.A.
19	If Yes date of submission	N.A.
20	If no reason	N.A.
21	Whether the proposal involves approval/clearance under, if yes details of the same a. The forest conservation act 1980 b. The wildlife protection act 1972 c. The CRZ notification 1991	No

499	Whether there is any Govt. order/Policy relevant/relating to the site	Quarry area will be sanctioned by Collector,Chhatarpur
23	Forest land involved	No
24	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up a. Name of court b. Case No c. Order/direction of the court, if any and its relevance with the proposed project	No

## (II) Activity

### 1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	Opencast semi mechanized method. In the area Sand is deposited during flood season by Ken river. The area is flat land having gentle slope. The maximum elevation is about 127 m from MSL. The area is on private land.
1.2	Clearance of existing land, vegetation and buildings?	Yes	The T.P. is on Private land.
1.3	Creation of New land uses?	Yes	As sand mining is proposed in the private land. After mining land will be used for agricultural purposes.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	N.A
1.5	Construction works?	No	N.A
1.6	Demolition works?	No	N.A
1.7	Temporary sites used for construction works or housing of construction workers?	No	N.A..

1.8	Above ground buildings, structures or earthworks including linear structures, cut andfill or excavations	No	N.A
1.9	Underground works including mining or tunneling?	No	N.A
1.10	Reclamation works?	Yes	N.A.
1.11	Dredging?	No	N.A
1.12	Offshore structures?	No	N.A
1.13	Production and manufacturing processes?	Yes	Open cast Semi Mechanized Method for sand mining
1.14	Facilities for storage of goods or materials?	Yes	Mining and dispatching on concurrent basis.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	N.A.
1.16	Facilities for long term housing of operational workers?	No	Most of the workers will be employed from nearby villages. Hence long term housing facility are not involved
1.17	New road, rail or sea traffic during construction or operation?	No	NA
1.18	New road, rail, air waterborne or other transport infrastructure including New or altered routes and stations, ports, airports etc?	No	NA
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	NA
1.20	New or diverted transmission lines or pipelines?	No	NA
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	NA
1.499	Stream crossings?	No	NA

1.23	Abstraction or transfers of water from ground or surface waters?	No	NA
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	NA
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	With private vehicles of the applicant/contractors.
1.26	Long-term dismantling or decommissioning or restoration works?	Yes	N.A.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	NA
1.28	Influx of people to an area in either temporarily or permanently?	yes	For employment and for business opportunities.
1.29	Introduction of alien species?	No	NA
1.30	Loss of native species or genetic diversity?	No	NA
1.31	Any other actions?	No	NA

**2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-Newable or in short supply):**

<b>S. No.</b>	<b>Information/checklist confirmation</b>	<b>Yes/ No</b>	<b>Details thereof (with approximate quantities /rates, wherever possible) with source of information data</b>
2.1	Land especially undeveloped or agricultural land (ha)	Yes	Private land
2.2	Water (expected source & competing users) unit: KLD	No	No water is required for the mining activity
2.3	Minerals (M3/t)	Yes	53366 m <sup>3</sup> per year
2.4	Construction material - stone, aggregates, sand / soil (expected source - MT)	Yes	Total sand 106732 m <sup>3</sup> in 2 year

2.5	Forests and timber (source – MT)	No	NA
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	No	NA
2.7	Any other natural resources (use appropriate standard units)	No	NA

**3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.**

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	No	
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	Improvement in the socio economic conditions of the nearby villages.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	
3.5	Any other causes	No	

**4. Production of solid wastes during construction or operation or decommissioning (MT/month)**

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	

4.2	Municipal waste (domestic and or commercial wastes)	yes	NA
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	NA
4.4	Other industrial process wastes	No	NA
4.5	Surplus product	No	NA
4.6	Sewage sludge or other sludge from effluent treatment	No	Domestic effluent will be discharged in septic tanks/soak pit.
4.7	Construction or demolition wastes	No	NA
4.8	Redundant machinery or equipment	No	NA
4.9	Contaminated soils or other materials	No	NA
4.10	Agricultural wastes	No	NA
4.11	Other solid wastes	No	NA

#### 5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)

S. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	Dumpers / Tractors will be used for transportation of sand.
5.2	Emissions from production processes	No	NA
5.3	Emissions from materials handling including storage or transport	Yes	Fugitive emission during transport of sand is expected.
5.4	Emissions from construction activities including plant and equipment	No	NA
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	No	No construction or sewage waste is expected from the mining process.
5.6	Emissions from incineration of waste	No	N.A
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	N.A

5.8	Emissions from any other sources	No	N.A
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### 6.0 Generation of Noise and Vibration, and Emissions of Light and Heat:

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	NO	From transportation of vehicles, which will be done in permissible limit.
6.2	From industrial or similar processes	No	N.A
6.3	From construction or demolition	No	NA
6.4	From blasting or piling	NO	NA
6.5	From construction or operational traffic	No	NA
6.6	From lighting or cooling systems	No	NA
6.7	From any other sources	No	NA

### 7.0 Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	No hazardous material storage or handling is envisaged.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	NA
7.3	By deposition of pollutants emitted to air into the land or into water	No	Not envisaged
7.4	From any other sources	No	Not envisaged
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	Not envisaged



**8.0 Risk of accidents during construction or operation of the Project, which could affect human health or the environment**

<b>S. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes /No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</b>
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	No	NA
8.2	From any other causes	NA	NA
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	NA

**9.0 Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality**

<b>S. No.</b>	<b>Information/Checklist confirmation</b>	<b>Yes /No</b>	<b>Details thereof (with approximate quantities/rates, wherever possible) with source of information data</b>
9.1	<ul style="list-style-type: none"> <li>• Lead to development of supporting, utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:</li> <li>• Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)</li> <li>• housing development</li> <li>• extractive industries</li> <li>• supply industries</li> <li>• other</li> </ul>	No	NA
9.2	Lead to after-use of the site, which could have an impact on the environment	No	NA
9.3	Set a precedent for later developments	No	NA

9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	NA
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### (III) Environmental Sensitivity

S. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	None	N.A
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	No	NA
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	NA
4	Inland, coastal, marine or underground waters	No	NA
5	State, National boundaries	No	NA
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No	NA
7	Defence installations	No	NA
8	Densely populated or built-up area	No	<b>Village Rampurghat 0.13 Km. from the site.</b>
9	Areas occupied by sensitive man-made land uses ( <i>hospitals, schools, places of worship, community facilities</i> )	No	<b>Village Rampurghat 0.13 Km. from the site.</b>
10	Areas containing important, high quality or scarce resources ( <i>Ground water resources, surface resources,</i>	No	NA

	<i>forestry, agriculture, fisheries, tourism, minerals)</i>		
11	Areas already subjected to pollution or environmental damage. <i>(Those where existing legal environmental standards are exceeded)</i>	No	NA
12	Areas susceptible to natural hazard which could cause the project to present environmental problems <i>(earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)</i>	No	As per the Bureau of Indian Standards (BIS) map, Madhya Pradesh falls under seismic zone II & III

I hereby given undertaking that the data and information given in the application and enclosures are true to best of my knowledge and behalf and I am aware that if any part of data and information submitted is found to be false or misleading at any stage the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost.

Girraj Sharma  
**(Signature of applicant with name & Full address)**