

# FORM-1

## Bhatgawan Khurd Sand Quarry

Mining Project:-Category 'B2'

Lease Area: 4.8 Ha.

Khasra No. 91

Village-Bhatgawan Khurd, Tehsil- Jaisingh Nagar

District- Shahdol (M.P)

### Project Proponent

Sarpanch Gram Panchayat Bhatgawan Khurd,  
Tehsil Jaisingh Nagar, District Shahdol, (M.P.)



ग्राम पंचायत बघतगवण खुर्द  
जनपद पंचायत जयसिंह नगर  
जिला-शहडोल (म.प्र.)

**APPENDIX I**  
(See paragraph - 6)

**FORM 1**

**(I) Basic Information**

Sr. No.	Item	Details
1.	Name of the project	Sand Mine
2.	Sr. No. in the Schedule	I(a)
3.	Proposed capacity/area/length/tonnage to be handles / command area/lease area/number of wells to be drilled	Area - 4.8 ha Capacity : 72270cum /year Mineral : Sand
4.	New/Expansion/Modernization	New
5.	Existing Capacity/ Area	Not applicable
6.	Category of project A or B	B
7.	Does it attract the general condition? If Yes please specify	No
8.	Does it attract the specific condition? If Yes please specify	No
9.	Location Plot/survey/Khsara no Village Tehsil District State	Khasra No. 91 Village - Bhatgawan Khurd Tahsil - Jaisingh Nagar Dist. - Shahdol Madhya Pradesh
10.	Nearest railway station/airport along with distance in km	Railway Station - Shahdol 50km.
11.	Nearest Town City District Headquarter	Jaisingh Nagar 18 and 49 km. Shahdol district head quarter
12.	Village Panchayat/Zila Parisad/Municipal Corporation/local Body	Gram-Panchayat : Bhatgawan Khurd
13.	Name of the Applicant	Sarpanch/Sachiv Gram Panchayat, Bhatgawan Khurd
14.	Registered add	Village Bhatgawan Khurd, Tehsil Jaisingh Nagar, District Shahdol (MP).
15.	Add for correspondence Pin Code Name Designation (Owner/partner/CEO) Address Pin Code E Mail Telephone No	Sarpanch Gram Panchayat, Bhatgawan Khurd, Tehsil Jaisingh Nagar, District Shahdol (MP).  Mob. 9993370982

राम पता  
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जिला-शहदोल (म.प्र.)

	Fax No	
16	Details of alternative site examined, if any. Location of these sites should be shown on a Toposheet	Mineral river sand is naturally occurring Resource. Hence no alternative can be chosen.
17	Interlinked Project	No
18	Whether separate application of interlinked project has been submitted	NA
19	If Yes date of submission	NA
20	If no reason	NA
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
22	Whether there is any Govt. order/Policy relevant/relating to the site	Yes
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 Name of court a. Case No b. Order/direction of the court, if any and its relevance with the proposed project	No litigation is pending against the project or the project land in any court of law to the Best of knowledge.

(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.	Proposed mining site confined to river bed So that topographical features will be changed slightly. No other area will disturb. As after mining the sand will be replenished
1.2	Clearance of existing land, vegetation and buildings?	No	No
1.3	Creation of new land uses?	No	NA
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	Not required. Sand is directly sent to Use.
1.5	Construction works?	No	None
1.6	Demolition works?	No	None

1.7	Temporary sites used for construction works or housing of construction workers?	No	The labours will deployed from nearby Villages only. Hence no need to construct House for them.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	No	Excavation of river sand Average up to 2.2 m. depth.
1.9	Underground works including or tunneling?	No	No underground working is proposed. There will be only open cast working.
1.10	Reclamation works?	No	Temporary pits will be formed which will be replenished in next Rainy Season
1.11	Dredging?	No	No
1.12	Offshore structures?	No	NA
1.13	Production and manufacturing processes?	Yes	Production Capacity:- 72270 cum/year
1.14	Facilities for storage of goods or materials?	No	No storage facility required.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	No solid waste will be generated.
1.16	Facilities for long term housing of operational workers?	No	Temporary shed shall be provided.
1.17	New road, rail or sea traffic during construction or operation?	No	N.A.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	N.A.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	N.A.
1.20	New or diverted transmission lines or pipelines?	No	N.A.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	N.A.
1.22	Stream crossings?	No	N.A.
1.23	Abstraction or transfers of water from ground or surface waters?	No	No
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	No change in water bodies, drainage or runoff is anticipated.



1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	Labors from nearby villages will be engaged hence no transportation of labor, material will be required.
1.26	Long-term dismantling or decommissioning or restoration works?	No	NA
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?	No	No influx of people will be there either temporarily or permanently.
1.29	Introduction of alien species?	No	No introduction of alien species will occur or expected.
1.30	Loss of native species or genetic diversity?	No	No
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-renewable or in short supply):

S. No.	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	No	The proposed site is near river bed hence it is neither undeveloped nor agriculture Land.
2.2	Water (expected source & competing users) unit: KLD	Yes	No water will be required during operation of the project.
2.3	Minerals (MT)	Yes	Sand- 72270 Cum/year
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	No	NA
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	NA
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	NA
3.3	Affect the welfare of people e.g. by changing living conditions?	No	The living status and socio-economic condition of the people will upgrade due to the increase in earning sources because they will get employment.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	NA
3.5	Any other causes	No	None

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	No overburden/waste material will be Generated.
4.2	Municipal waste (domestic and or commercial wastes)	No	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	None
4.6	Sewage sludge or other sludge from effluent treatment	No	No effluent will generate.
4.7	Construction or demolition	No	NA

	wastes		
4.8	Redundant machinery or equipment	No	There is no redundant machinery or equipment.
4.9	Contaminated soils or other materials	No	No contaminated soil or other material will occur during mining operations.
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/yr)

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	No	No
5.2	Emissions from production processes	No	NA
5.3	Emissions from materials handling including storage or transport	No	NA
5.4	Emissions from construction activities including plant and equipment	No	No construction activities will be required.
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	No	NA
5.6	Emissions from incineration of waste	No	NA
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	NA
5.8	Emissions from any other sources	No	Nil

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 with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	No	No

6.2	From industrial or similar processes	No	NA
6.3	From construction or demolition	No	No construction and demolition work will be carried out in mining activity.
6.4	From blasting or piling	No	NA
6.5	From construction or operational traffic	Yes	During operational stage running of dumpers will produce very less noise, which will not cause any impact.
6.6	From lighting or cooling systems	No	NA
6.7	From any other sources	No	NA

7. 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	NA
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	NA
7.4	From any other sources	No	NA
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	None

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment:

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	No	No explosives or hazardous substances will be used.
8.2	From any other causes	No	None
8.3	Could the project be affected by	No	As per the Bureau of Indian Standards




natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	(BIS) map, Madhya Pradesh falls under seismic zone II & III. The area is not prone to flood and earthquake. No such incident is reported in this area so far.
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9. 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:

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supporting, utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • housing development • extractive industries • supply industries • other	Yes	This project will upgrade the socio economic status of the people because they will get employment and will develop the area also.
9.2	Lead to after-use of the site, which could have an impact on the environment	Yes	The environment will not be affected due to the mining.
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	The mining area has not any disturbances because there is neither any industry nor planned project in its close proximity.

### (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	No	NA  सर ग्राम पंचायत भडैगकी जनपद पंचायत जयसिंग नगर जिला-शहडोल (म.प्र.)

3	Areas which are important or sensitive for ecological reasons - Wetlands, water-courses or other water bodies, coastal zone, biospheres, mountains, forests	No	NA
4	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	Routes or facilities for public access is not present
7	Defence installations	No	NA
8	Densely populated or built-up area	Yes	The nearest village is 1.5 km. from mine site.
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	Yes	Hospital, school, place of worship is there in Gram Panchayat Bhatgawan Khurd, which is 1.0Km. From the Mine site.
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, marine resources)	No	NA
11	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	No	NA
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	No	As per the Bureau of Indian Standards (BIS) map, Madhya Pradesh falls under seismic zone II & III. The area is not prone to flood and earthquake. No such incident is reported in this area so far.

*(Handwritten signature)*


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

Date

Signature of applicant with name & Full address

(Project Proponent/ Authorized Signatory)

Place

  
ग्राम पंचायत बटगवाँ खुरद  
जनपद पंचायत जयसिंह नगर  
Gram Panchayat, Bhatgawan Khurd  
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