

# STATE ENVIRONMENTAL IMPACT ASSESSMENT AUTHORITY (SEIAA)

## FORM 1

### (I) Basic Information

Sr. No.	Item	Details
1.	Name of the project	Environmental Clearance for Bachchaun Flag Stone Quarry Deposit
2.	Sr. No. in the Schedule	1(a) i
3.	Proposed capacity/area/length/tonnage to be handles / command area/lease area/number of wells to be drilled	Lease Period-10 years, Lease area -2.20 Ha., Proposed Capacity-5942 CU MT/Year.
4.	New/Expansion/Modernization	<b>New</b>
5.	Existing Capacity/ Area	<b>none</b>
6	Category of project A or B	<b>B</b>
7.	Does it attract the general condition? If Yes please specify	No, as per the DFO Letter ML Area does not comes under the 10 km radius of National Park, wild life sanctuary & Reserve biosphere zone.
8	Does it attract the specific condition? If Yes please specify	No specific condition is attracted
9.	Location Plot/survey/Khsara no Village Tehsil District State	Lease area is located in Panna district 18/1,18/2 Bachchaun . pawai panna M.P.
10.	Nearest railway station/airport along with distance in km	Railway station – maihar 64 km away
11	Nearest Town City District Headquarter	Nearest Town, city, District Headquarters-70 km panna
12	Village Panchayat/Zila Parisad/Municipal Corporation/local Body	Village Panchayats- Bachchaun .
13	Name of the Applicant	M/S SHIV KRAPA MINING MINERAL GROUP
14	Registered add	KARAIHIYA TEHSIL GUNAOUR DIST PANNA(MP)
15	Add for correspondence	KARAIHIYA TEHSIL GUNAOUR DIST PANNA(MP)
	Pin Code	panna Madhya Pradesh 488001
	Name	MR RAJENDRA SINGH
	Designation (Owner/partner/CEO)	Owner
	Address	KARAIHIYA TEHSIL GUNAOUR DIST PANNA(MP)
	Pin Code	461331
	E Mail	<a href="mailto:shivkrapaminingmineral@gmail.com">shivkrapaminingmineral@gmail.com</a>
Telephone No	9669670825	

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16	Details of alternative site examined, if any, Location of these sites should be shown on a Toposheet	<b>Village Distict State</b> Nil Nil Nil
17	Interlinked Project	No any
18	Whether separate application of interlinked project has been submitted	Not required
19	If Yes date of submission	Not required
20	If no reason	No any
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, any approval required under the forest act 1980, wildlife protection act 1972 and the CRZ notification 1991
22	Whether there is any Govt. order/Policy relevant/relating to the site	There is no objection from any government policy
23	Forest land involved	No, This is a non forest Govt. waste land
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

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### (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	Area permanently changed due to opencast Mining operation. Land use is mentioned in Approved mine plan.
1.2	Clearance of existing land, vegetation and buildings?	No	This is non agriculture barren land and there is no vegetation
1.3	Creation of new land uses?	Yes	Proposed lease land will be uses for mining activities
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	Not required
1.5	Construction works?	No	Not required
1.6	Demolition works?	No	Not required
1.7	Temporary sites used for construction works or housing of construction workers?	Yes	When work will be start then Some shelters are made in sites used for workers.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	No	Not required
1.9	Underground works including or tunneling?	No	Not required
1.10	Reclamation works?	No	Not required
1.11	Dredging?	No	Not required
1.12	Offshore structures?	No	Not required
1.13	Production and manufacturing processes?	Yes	Mining will be done by open Manual Method
1.14	Facilities for storage of goods or materials?	No	Excavated material will be stored in designated non-mineralized areas within ML area.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	Not required
1.16	Facilities for long term housing of operational workers?	No	Not required
1.17	New road, rail or sea traffic during construction or operation?	No	Not required

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1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	Not required
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic Movements?	No	Not required
1.20	New or diverted transmission lines or pipelines?	No	Not required
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	Not required
1.22	Stream crossings?	No	Not required
1.23	Abstraction or transfers of water form ground or surface waters?	Yes	The total water requirement will be about 4 KLD. This will be supplied through private water tankers from nearby open bore bells.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	Not required
1.25	Transport of personnel or materials for construction, operation or decommissioning?	No	Not required
1.26	Long-term dismantling or decommissioning or restoration works?	No	Not required
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	Not required
1.28	Influx of people to an area in either temporarily or permanently?	No	Not required
1.29	Introduction of alien species?	No	Not required
1.30	Loss of native species or genetic diversity?	No	Not required
1.31	Any other actions?	No	Not required

**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):**

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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)	Yes	This is private waste land (non agriculture land )
2.2	Water (expected source & competing users) unit: KLD	Yes	Total water requirement of the mining Operations including dust suppression will be about 4 KLD. Water demand can be met through private sources - nearby bore bell
2.3	Minerals (MT)	Yes	Proposed Capacity-5942 CU MT/Year.
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	No	Not required
2.5	Forests and timber (source – MT)	No	Not required
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	No	Not required
2.7	Any other natural resources (use appropriate standard units)	No	Not required

### 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	Manual methods will be used for mining, there are no use of hazardous materials in mining operation, local environment would not be affected by operational activity
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	No changes is envisaged
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	It will generate employment for local people/dwellers improving their financial condition.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	No effect is envisaged

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3.5	Any other causes	No	No any
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### 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 any
4.2	Municipal waste (domestic and or commercial wastes)	No	No any
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	No any
4.4	Other industrial process wastes	No	No any
4.5	Surplus product	No	No any
4.6	Sewage sludge or other sludge from effluent treatment	No	No any
4.7	Construction or demolition wastes	No	No any
4.8	Redundant machinery or equipment	No	No any
4.9	Contaminated soils or other materials	No	No any
4.10	Agricultural wastes	No	No any
4.11	Other solid wastes	No	No any

### 5.0-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	Emission of particulates, SO <sub>2</sub> , NO <sub>x</sub> as Exhaust emissions from vehicles deployed during the operational phases
5.2	Emissions from production processes	Yes	Mining process involves fugitive emission during excavation, materials handling, transportation and storage, which will give rise to dust generation. Adequate control measures will be adopted for it.
5.3	Emissions from materials handling including storage or transport	Yes	Emissions of particulate matters SO <sub>2</sub> , NO <sub>x</sub> and CO are envisaged due to vehicular movements
5.4	Emissions from construction activities including plant and equipment	Yes	Dust and vehicular emissions. However, they are localized only
5.5	Dust or odours from handling	Yes	Dust will be generated during

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	of materials including construction materials, sewage and waste		transportation of Sand. There is no possibility of any odour generation
5.6	Emissions from incineration of waste	No	No any
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	No any
5.8	Emissions from any other sources	No	No any

### 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	Little noise will be generated during mining operation and vehicular activities.
6.2	From industrial or similar processes	No	No any
6.3	From construction or demolition	No	No any
6.4	From blasting or piling	No	No any
6.5	From construction or operational traffic	Yes	Noise generation is envisaged from mining Activities during operational traffic.
6.6	From lighting or cooling systems	No	No any
6.7	From any other sources	No	No any

### 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	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	No waste water generation is envisaged
7.3	By deposition of pollutants emitted to air into the land or	No	No impact on air is envisaged. However, dust will be controlled by utilization of

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	into water		appropriate control measures like dust suppression by sprinkling of water etc.
7.4	From any other sources	No	No any
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	No any

### 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 any
8.2	From any other causes	No	No any
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	No any

### 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.) <ul style="list-style-type: none"> <li>• housing development</li> <li>• extractive industries</li> <li>• supply industries</li> <li>• other</li> </ul>	No	No environmental ill effects are envisaged.
9.2	Lead to after-use of the site, which could have an impact on the environment	No	No any

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9.3	Set a precedent for later developments	No	No any
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	No any

### (II) 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	No any
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	No	No any
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	No any
4	Inland, coastal, marine or underground waters	No	No any
5	State, National boundaries	No	No any
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No	No any
7	Defense installations	No	No any
8	Densely populated or built-up area	Yes	Densely populated area is away from mine 14km
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	No	No any
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	No	No any
11	Areas already subjected to	No	No any

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	pollution or environmental damage. (those where existing legal environmental standards are exceeded)		
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	No any

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

M/S SHIV KRAPA MINING  
MINERAL GROUP  
PRO- MR RAJENDRA SINGH  
Signature of applicant with name & Full address  
(Project Proponent/ Authorized Signatory)