

FORM 1

INDRAI SAND DEPOSIT ON GANGA RIVER

VILLAGE	INDRAI
TEHSIL	BUDAUN
DISTRICT	BUDAUN
STATE	UTTAR PRADESH
PRODUCTION CAPACITY	2,55,015 M ³ / YEAR
PROJECT COST	1.5 CRORE
AREA	17.001 ha
PLOT NO. / ZONE NO.	7,10,11,14,15,16,17,18,22,23,24,34



PROJECT PROPONENT

Mr. Moor Singh
S/o Sh. Karan Singh, Mahmoodpur,
Thana Sunagadi, Tehsil-Patiyali, District Kasaganj

ENVIRONMENT CONSULTANT

GREENCINDIA CONSULTING PRIVATE LIMITED,
NCR, GHAZIABAD-(QCI-NABET ACCREDITED)
(ACCREDITATION CODE: NABET/EIA/1619/RA0058)

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

Form-I

I. BASIC INFORMATION

Sl. No.	Item	Details				
1.	Name of the Project/s	:	Indrai sand mine on Ganga river			
2.	Sl. No. of the Schedule	:	Category 'B' of Activity 1(A) [<50 ha of Mining Lease area in respect of non-coal mine lease]			
3.	Proposed capacity / area / length / tonnage to be handled / command area / lease area / lease area / number of wells to be drilled	:	a.	Mine Lease Area	:	17.001 Hectares
			b.	Production Capacity		
			Total Production 2,55,015m³ per year			
4.	New / Expansion / Modernization	:	New			
5.	Existing Capacity / Area etc.	:	17.001 Hectares			
6.	Category of Project i.e. '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	:	Point	Latitude	Longitude	
			A	27°51'34.40"N	78°55'55.40"E	
			B	27°51'32.92"N	78°56'02.97"E	
			C	27°51'31.28"N	78°56'05.46"E	
			D	27°51'13.65"N	78°55'56.18"E	
			E	27°51'22.37"N	78°55'47.40"E	
i	Plot / Survey / Khand No.	:	7,10,11,14,15,16,17,18,22,23,24,34			
ii	Mouza / Village	:	Indrai			
iii	Tehsil	:	Budaun			
iv	District	:	Budaun			
v	State	:	Uttar Pradesh			
10.	Nearest Railway Station / Airport	:	Facility	Name	Aerial Distance	Direction

APPLICANT : **MR. MOOR SINGH**
S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali, District- Kasaganj

Environment Consultant : 

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

	along with distance in kms.		Airport	Chaudhary Charan Singh International Airport	230 km	SSE
			Railway Station	Ujhani Railway Station	17 km	NNE
11.	Nearest Town, city, District Headquarters along with distance in kms.	:	Facility	Name	Distance	Direction
			City	Ujhani	18 km	NNE
			District HQ	Budaun	27 km	NNE
12.	Village Panchayats, Zila Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	:	Gram Panchayat: Indrai Tehsil: Budaun			
13.	Name of the Applicant	:	Mr. Moor Singh			
14.	Registered Address	:	S/o Sh. Karan Singh Mahmoodpur Thana Sunagadi Tehsil-Patiyali District Kasaganj			
15.	Address for correspondence Name Designation (Owner / Partner / CEO) Address Pin Code E-mail Telephone No.	:	Mr. Moor Singh Owner S/o Sh. Karan Singh Mahmoodpur Thana Sunagadi Tehsil-Patiyali District Kasaganj : : : - : -			
16.	Details of alternative Sites examined, if any Location of these sites should be shown on a topo sheet.	:	Mine block is allotted to Mr. Moor Singh specifically for mining of riverbed Sand. As mining of minerals is site specific, no alternative sites are considered			
17.	Interlinked Projects	:	There is no interlinked project involved to this project			
18.	Whether separate application of interlinked project has been submitted?	:	Not Applicable			
19.	If yes, date of submission	:	Not Applicable			
20.	If no, reason	:	Not Applicable			

MR. MOOR SINGH

APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant : 

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

PAGE -2

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

21.	Whether the proposal involves approval / clearance under: if yes, details of the same and their status to be given. (i) The Forest (Conservation) Act, 1980. (ii) The wildlife (Protection) Act, 1972 (iii) The C.R.Z. Notification, 1991	:	Act Name	Approval required (Yes/No)	Status
			(i) The Forest (Conservation) Act, 1980	No	No forest approval is needed as there is no forest land within the mine lease area.
			(ii) The Wildlife (Protection) Act, 1972	No	No wildlife sanctuary is coming within the study area
			(iii) The C.R.Z. Notification, 1991	No	The mine lease area is not coming under Coastal Regulation Zone
22.	Whether there is any Government Order / Policy relevant / relating to the site?	:	There are no such Government order /policy relevant to this site till date.		
23.	Forest Land involved (hectares)	:	There is no forest land (Revenue/Reserve/Protected Forest) in the mining lease area		
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 the court (b) Case No. (c) Orders / directions of Court, if any and its relevance with the proposed project.	:	There is no litigation pending against this project.		

APPLICANT : MR. MOOR SINGH
S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi
Tehsil-Patiyali , District- Kasaganj

Environment Consultant :  **Greencindia Consulting Pvt Ltd**

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

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.)**

Sl. 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	The present land-use of the ML Area is government land. The land-use of the mining lease area will be changed due to the mining activities. However as the project is riverbed sand mining project, sand will be replenished every year. Land Cover/Topography: The town is near the left bank of the river Ganga. Budaun has an average elevation of 169 metres (554 feet). It has normal rainfall levels. Since Budaun was settled after demolishing a large fort, the city is irregularly elevated, with Gangaha and Punjabi Mohalla at the top. The Civil Lines area is much plainer.
1.3	Creation of new land uses?	No	The mining activity will result in small pits which will be replenished after monsoon
1.4	Pre-Construction investigations e.g. bore houses, soil testing?	No	As this is a mining project no pre-construction activity has been done and proposed.
1.5	Construction works	Yes	A mobile mine office is proposed within the applied lease area.
1.6	Demolition works?	No	No demolition activities are proposed.
1.7	Temporary sites used for construction or housing of construction workers?	Yes	As this is a mining project, not much construction is involved. Local labour will be employed for construction of mining office and rest shelter. They will go back to their home after day's work. Hence no temporary housing sites for workers will be constructed. Temporary rest shelters are proposed within the mine site.
1.8	Above ground buildings, structures, cut or fill or excavations	Yes	One temporary mine office and a small rest shelter is proposed in the area.
1.9	Underground works including mining or tunneling?	No	Proposed mining activity will be done in opencast Semi-mechanized mining method. No underground works are proposed.

MR. MOOR SINGH

APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant :  **Greencindia Consulting Pvt Ltd**

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

PAGE -4

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

Sl. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data.
1.10	Reclamation works?	No	No reclamation work has been proposed as this project is a riverbed sand mining project
1.11	Dredging?	No	No dredging will be done.
1.12	Offshore Structures?	No	As the mine lease area is not falling under coastal zone thus no offshore structure will be proposed.
1.13	Production and manufacturing processes?	Yes	Proposed rate of production is 2,55,015m ³ /annum
1.14	Facilities for storage of goods or materials?	No	No storage of riverbed sand is proposed. Sand will be transported from mine site over trippers.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	The entire riverbed material can be used and no mineral rejects will be produced.
1.16	Facilities for long term housing of operational workers?	No	No housing facility will be provided to the workers as mining operation will only be done during day hours and workers will be hired from nearby villages namely Shahwazpur kham, Ulai khera kham etc.
1.17	New road, rail or sea traffic during construction or operation?	No	Existing road will be used for transportation of sand outside the mines which will be the additional truck load on the existing road.
1.18	New road, rail, air, waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc.?	No	Existing roads is well connected to the project and are adequate for the movement of additional traffic.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	There will be no closure or diversion of existing routes or infrastructure for the proposed project.
1.20	New or diverted transmission lines or pipelines?	No	There are no new or diverted transmission lines or pipelines in the project site.
1.21	Impoundment, damming, culverting, realignment or	No	There will be no adverse changes to hydrology of

MR. MOOR SINGH

APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant : 

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

PAGE -5

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

Sl. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data.
	other changes to the hydrology of neither watercourses nor aquifers?		watercourses or aquifers due to mining activity. No impoundment, damming, culverting, realignment or other changes will be done of any water course. Mining will be confined up to 1.62m.
1.22	Stream crossings?	No	There are no streams crossing the mine lease area.
1.23	Abstraction or transfers of water from ground or surface water?	No	The mine site is over River Ganga and mining will be confined up to 1.62m. Required water for drinking & domestic use, Dust suppression and plantation will be collected and approval also be done from Government. A total of 42.09 KLD water is required for the mining activity.
1.24	Changes in water bodies or the land surface affecting drainage or run off?	No	The mine site is over River Ganga and there are no other streams crossing the mine lease area. Thus drainage or runoff will not be affected. Mining will be done by semi mechanized mining method and sand extracted during mining will be replenished every year. The mining will also be confined up to 1.62m.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	The mined materials will be transported via truck / dumper / tippers / tractor trolleys of suitable capacity. 10 Tonnes trucks will be used for transportation of sand.
1.26	Long-term dismantling or decommissioning or restoration works?	No	A temporary small site office and rest shelter will be provided which does not involve long-term dismantling or decommissioning or restoration
1.27	Ongoing activity during decommissioning, which could have impact on the environment?	No	There is no ongoing de-commissioning work involved in the mine lease area.
1.28	Influx of people to an area in either temporarily or permanently?	No	The required workers shall be recruited from the nearby villages such as Shahwazpur kham, Ulai khera kham etc etc.
1.29	Introduction of alien species?	No	There would be no introduction of any alien species since local species will be planted.
1.30	Loss of native species or genetic diversity?	No	There will be no loss of native species or genetic diversity due to proposed project activities.
1.31	Any other actions?	No	No other actions would be involved for the excavation of the mineral.

MR. MOOR SINGH

APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant : 

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

PAGE -6

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

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).

Sl. 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 (ha)	No	Mine lease area is Government Land.															
2.2	Water (expected source & competing users) unit: KLD	Yes	Total water requirement will be 42.09 KLD. Required water will be collected from nearby villages with approval from Gram Panchayat.															
			<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Purpose</th> <th>Water requirement (KLD)</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td>Drinking</td> <td align="center">0.5</td> </tr> <tr> <td align="center">2</td> <td>Green Belt</td> <td align="center">17.59</td> </tr> <tr> <td align="center">3</td> <td>Dust Suppression</td> <td align="center">24.00</td> </tr> <tr> <td align="center" colspan="2">Total</td> <td align="center">42.09</td> </tr> </tbody> </table>	Sl. No.	Purpose	Water requirement (KLD)	1	Drinking	0.5	2	Green Belt	17.59	3	Dust Suppression	24.00	Total		42.09
			Sl. No.	Purpose	Water requirement (KLD)													
			1	Drinking	0.5													
			2	Green Belt	17.59													
3	Dust Suppression	24.00																
Total		42.09																
2.3	Minerals (MT)	No	No raw minerals are required for mining operation.															
2.4	Construction material- stone, aggregates, and/ soil (expected source- MT)	Yes	One temporary small mining office and rest shelter will be constructed near the river as per Mine Act 1952. Required material will be sourced from the local building material dealers.															
2.5	Forest and Timber (source –MT)	No	No forest and timber products involved in the proposed project.															
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), Energy(MW)	Yes	Electricity connection is not required for the project. Diesel will be outsourced from nearby villages.															
2.7	Any other natural resources (use appropriate standard units)	No	No other natural resources will be used.															

MR. MOOR SINGH
APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant : 

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

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.

Sl. 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	No such hazardous substances will be utilized in the mining process. Very little hazardous substance will be used in the tippers and trucks-oil (Sch-1, 5.1), However the quantity will be very less. Thus there will be no hazard to human health or environment
3.2	Changes in occurrence of diseases or affect disease vectors (e.g. insect or waterborne diseases)?	No	Proper hygienic condition will be maintained in and around the ML Area in order to avoid incidence of any vector-borne diseases.
3.3	Affect the welfare of people e.g. by changing living condition?	Yes	This project will provide livelihood to the local people during the operation which will help in improving their living conditions.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.	No	As human settlement is not coming under the mine lease area so no vulnerable groups of people will be directly affected by this project.
3.5	Any other causes	No	There will be no effect due to other causes.

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

Sl. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities wherever possible) with the source of information.
4.1	Spoil, overburden or mine wastes	No	No waste will be generated during the mining process. The entire material can be used.
4.2	Municipal waste (domestic and or commercial wastes)	Yes	Municipal Solid Waste generated will be insignificant as there will be no residence in the area

MR. MOOR SINGH

APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant : 

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

PAGE -8

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

Sl. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities wherever possible) with the source of information.
4.3	Hazardous waste (as per Hazardous Waste Management Rules)	No	The hazardous substances will be used in tippers and trucks-oil (Sch-1, 5.1). However the quantity will be very less and will be properly disposed as per Hazardous Waste Management, Handling & Trans-boundary Rule 2008. Thus there will be no hazard to human health or environment The vehicle used for transportation shall be maintained in good condition, so that no oil leaks take place during transportation.
4.4	Other industrial process wastes	No	There is no industrial process involved in the project.
4.5	Surplus product	No	The entire mined out product will be sold to the consumer.
4.6	Sewage sludge or other sludge from effluent treatment	No	There is no effluent treatment plant in the proposed project.
4.7	Construction or demolition wastes	No	No construction or demolition work involved.
4.8	Redundant machinery or equipment	Yes	It will be a semi-mechanized mine
	Contaminated soils or other materials	No	No contamination of soil or other material will be involved.
4.10	Agricultural wastes	No	There is no agricultural waste involved.
4.11	Other solid wastes	No	No other solid waste will be generated.

MR. MOOR SINGH
APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant :  **Greencindia Consulting Pvt Ltd**

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

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

Sl. No.	Information / Checklist confirmation	Yes /No	Details thereof (with approximate quantities wherever possible) with the source of information.
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	Yes	There will be emission of SOx, NOx and CO due to fuel consumption in transportation vehicles. However, proper mitigation measures will be taken on Ur to reduce impacts from such emissions. It will be managed by the following methods:- <ul style="list-style-type: none"> • Proper maintenance of vehicles • PUC certified vehicles will be allowed for transportation purposes.
5.2	Emission from production Process	Yes	There will be dust emission from loading and transportation. However, mitigation measures such as water sprinkling and plantation would be done to control dust pollution at village road and river bank
5.3	Emission from materials handling including storage or transport	Yes	Fugitive emission during material handling and particulates/gaseous emission from transport vehicles will occur. Water sprinkling will be done regularly to control the fugitive dust. Also transporting trucks will be covered with tarpaulin.
5.4	Emission from construction activities including plant and Equipment	No	As it is a mining project thus it is not applicable.
5.5	Dust or odors from handling of materials including construction materials, Sewage and waste	Yes	Fugitive dust emission during transportation of sand. This will be minimized by adopting water sprinkling.
5.6	Emissions from incineration of waste	No	No such waste will be generated, which needs to be incinerated.
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris).	No	No waste of any kind will be burnt in the open air.
5.8	Emissions from any other sources	No	There is no other source of emission.

MR. MOOR SINGH
APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant :  **Greencindia Consulting Pvt Ltd**

Office: 607-611, Level-5, Shopprix Mall,
 Sector-5, Vaishali, NCR, Ghaziabad-201010
 QCI-NABET Accredited:
 NABET/EIA/1619/RA0058

OBTAING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

6. Generation of Noise and Vibration, and emissions of light and heat

Sl. No.	Information / Checklist confirmation	Yes /No	Details thereof (with approximate quantities wherever possible) with the source of information.
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	No	Mining method is opencast Semi-mechanized mining method by formation of benches. Sand shall be exploited with scrapper by 0.50m scrapping process. The noise level will be kept at minimum. The mine site is also away from settlements.
6.2	From industrial or similar processes	No	There will not be any industrial process involved.
6.3	From construction or demolition	No	No construction or demolition is involved.
6.4	From blasting or piling	No	As the mineral is soft in nature so no drilling & blasting is required.
6.5	From construction or operational traffic	Yes	Noise will be generated from vehicular movement during transportation which will be within prescribed limit.
6.6	From lighting or cooling systems	No	No lighting or cooling systems are involved.
6.7	From any other sources	No	No other source generates noise & vibration, heat etc.

7. Risks of contamination of land or water from release of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea

Sl. No.	Information / Checklist confirmation	Yes /No	Details thereof (with approximate quantities wherever possible) with the source of information.
7.1	From handling, storage, use or spillage of hazardous materials	No	There will be no handling, storage, use or spillage of hazardous materials.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	Discharge of sewage or other effluents to water or the land will be minimal from workers.
7.3	By deposition of pollutants emitted to air into the land or into the water	No	Water sprinkling system will be done for dust suppression.
7.4	From any other sources	No	There is no other source from which risk of

MR. MOOR SINGH

APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant :  **Greencindia Consulting Pvt Ltd**

Office: 607-611, Level-5, Shopprix Mall, Sector-5, Vaishali, NCR, Ghaziabad-201010
 QCI-NABET Accredited:
 NABET/EIA/1619/RA0058

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

Sl. No.	Information / Checklist confirmation	Yes /No	Details thereof (with approximate quantities wherever possible) with the source of information.
			contamination is anticipated.
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	Risk of long term buildup of pollutants in the environment from the proposed project operations is not anticipated.

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

Sl. No.	Information / Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with the source of information.
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	No	No Drilling and Blasting activities are proposed.
8.2	From any other causes	Yes	Training will be provided to the workers for proper handling of sand. No unauthorized persons will be allowed to enter the mining area. To deal with minor accidents, first aid facility will be provided at site.
8.3	Could the project be affected by natural disaster causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	Yes	The project is located in seismic zone II therefore possibility of earthquake is moderate to nil. Due to project location chances of other natural disaster is also remote. No mining activities shall be carried out during monsoon period.

MR. MOOR SINGH
APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant : 

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

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:

Sl. No.	Information / Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with the source of information.
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.		
i.	Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)	Yes	The project will indirectly improve the socio-economic condition of the area by providing employment opportunities. The already existing approach roads to the site will be further strengthened by the proponent.
ii.	Housing development	No	The Workers shall be employed from the nearby villages. Hence no housing development plan envisaged.
iii.	Extractive industries	No	No extractive industries will be there.
iv.	Supply industries	No	No Installation/ Creation of new supply industries envisaged for the project
v.	Other	No	Not envisaged
9.2	Lead to after-use of the site, which could have an impact on the environment	No	No such impact is envisaged.
9.3	Set up precedent for later developments	Yes	A better after use scenario, which is likely to increase aesthetic beauty of the area by plantation along the approach road and river bank.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	Yes	There may be cumulative positive impact due to proximity to other existing or planned projects with similar effects.

MR. MOOR SINGH
APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant :  **Greencindia Consulting Pvt Ltd**

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

III. ENVIRONMENTAL SENSITIVITY

Sl. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary	
			Distance	Direction
1	Areas protected under international conventions, national or local legislation for their ecological landscape, cultural or other related value	Nil	Not Applicable	
2	Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	Water Bodies		
		Ganga River	Onsite	
		Dhansinghpur Drain,	4.0 Km,	W
		Nawabganj Drain,	11.3 Km,	WSW
		Bhainsaur Nadi,	5.6 Km,	NE
		Burhi Ganga Nadi,	6.6 Km,	SW
		Lower Ganga Canal (Farrukhabad Branch),	12.7 Km,	WSW
		Sutia Nala,	6.0 Km,	SW
		Forest areas		
		Paliya Nanakhera RF,	5.0 Km,	NNW
		Ulaikhera RF,	Adjacent,	NE
		Chandanpur RF,	11.6 Km,	NW
		Sikandrabad RF,	12.7 Km,	NNW
		Ujhani RF,	8.9 Km,	N
		Sundrain RF,	10.3 Km,	ESE
Kakora RF,	11.7 Km,	ENE		
RF,	8.6 Km,	ESE		
3	Areas used by protected, important or sensitive species of flora and fauna for breeding, nesting, foraging, resting, over wintering, migration	No such areas used by protected, important or sensitive species of flora and fauna are present.		
4	Inland, coastal, marine or underground waters	Nil	Not Applicable. The area is away from coastal zone.	
5	State, National boundaries	Uttar Pradesh – Madhya	137 km, W	

MR. MOOR SINGH

APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant : 

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

		Pradesh State boundary																
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No such routes or facilities are present near the mining site																
7	Defense installations	No such feature is present within 5km of project site																
8	Densely populated or built-up area	None	<table border="1"> <thead> <tr> <th>Settlement</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Indrai</td> <td>3.5 km</td> <td>NE</td> </tr> <tr> <td>Ulai khera kham</td> <td>2 km</td> <td>E</td> </tr> <tr> <td>Shahwazpur kham</td> <td>1.5 km</td> <td>N</td> </tr> <tr> <td>Kuleejpur</td> <td>2.2 km</td> <td>SW</td> </tr> </tbody> </table>	Settlement	Distance	Direction	Indrai	3.5 km	NE	Ulai khera kham	2 km	E	Shahwazpur kham	1.5 km	N	Kuleejpur	2.2 km	SW
		Settlement	Distance	Direction														
		Indrai	3.5 km	NE														
		Ulai khera kham	2 km	E														
Shahwazpur kham	1.5 km	N																
Kuleejpur	2.2 km	SW																
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	Hospitals: District hospital near Mamon	25.4 km, W															
		Schools: Primary school at Indrai Masjid: Masjid at Indrai	3.5 km, NE 1km, NE															
		College: Sir M U Degree College	11 km, SSW															
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	Name	Distance	Direction														
		Water Bodies																
		GangaRiver	Onsite															
		Rayar Divara R.	4.7km	SE														
		Nala	11.6km	W														
		Nala	7.0km	NW														
		Forest areas																
		Bashawanpur R.F	7.2km	N														
		Nagawa R.F	6.0km	ESE														
		Abhirva R.F	10.4km	ESE														
		Pali R.F	13.6km	SE														
		Alampur R.F	3.1km	S														
		Langarpur R.F	3.2km	SW														
		Lohamandi R.F	2.5km	W														
Piproudha R.F	12.0km	W																
Kharka R.F	12.9km	NNW																
11	Areas already subjected to pollution or environmental damage. (Those where existing legal environmental standards are exceeded)	Nil	No such areas which are already subject to pollution are present near the project site.															

MR. MOOR SINGH

APPLICANT : S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi Tehsil-Patiyali , District- Kasaganj

Environment Consultant : 

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

PAGE - 15

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

12	Areas susceptible to natural hazard which cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	Nil	Area falls under Seismic Zone-II, i.e. least active risk zone. Other natural hazard is also not expected because of the location of the project. No mining activities shall be carried out during monsoon period.
----	--	-----	---

APPLICANT : MR. MOOR SINGH
S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi
Tehsil-Patiyali , District- Kasaganj

Environment Consultant :  **Green India Consulting Pvt Ltd**

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058

OBTAINING ENVIRONMENT CLEARANCE FOR INDRAI SAND MINE ON GANGA RIVER LOCATED AT VILLAGE- INDRAI, TEHSIL- BUDAUN, DISTRICT- BUDAUN, STATE- UTTAR PRADESH (AREA- 17.001 HA)

UNDERTAKING BY PROJECT PROPONENT

I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the 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 : / /

Place :

NAME OF AUTHORIZED SIGNATORY : Mr. Moor Singh

FULL ADDRESS : S/o Sh. Karan SinghMahmoodpur Thana
Sunagadi Tehsil-Patiyali District
Kasaganj

NAME & ADDRESS OF THE APPLICANT : **MR. MOOR SINGH**
S/o Sh. Karan SinghMahmoodpur Thana
Sunagadi Tehsil-Patiyali District
Kasaganj

Note:

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 shall submit with the application a C.R.Z map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t C.R.Z (at the stage of TOR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action shall also be required to obtain the requisite clearance under the provisions of the CRZ notifications, 1991 for the activities to be located in the CRZ.
2. The Projects to be located within 10km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the stage of EC).
3. All correspondence with Ministry of Environment & Forests including submission of application for the TOR/Environment Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC Meeting on behalf of the project proponent shall be made by the authorized signatory only. The authorised signatory should also submit a document in support of his claim of being an authorised signatory for the specific project.

APPLICANT : **MR. MOOR SINGH**
**S/o Sh. Karan Singh, Mahmoodpur, Thana- Sunagadi
Tehsil-Patiyali , District- Kasaganj**

**Environment
Consultant** : 

Office: 607-611, Level-5, Shopprix Mall,
Sector-5, Vaishali, NCR, Ghaziabad-201010
QCI-NABET Accredited:
NABET/EIA/1619/RA0058