

M/S BHAGWATI STONE CRUSHER
PARTNER – SUREKHA DEVI & BIPIN PATEL
MAUZA- KHAKHANDUWA, P.S- GOVINDPUR,
DISTRICT- NAWADA, BIHAR

FORM I

FORM I

KHAKHANDUA STONE DEPOSIT, BLOCK -B

PARTNER – SUREKHA DEVI & BIPIN PATEL

VILLAGE/MOUZA	:	KHAKHANDUWA	
THANA NO.-	:	309	
P.S	:	GOVINDPUR	
DISTRICT	:	NAWADA	
STATE	:	BIHAR	
KHATA NO. AND PLOT NO.	:	KHATA NO.	PLOT NO.
		85	1(P)
APPLIED AREA	:	16.0 ACRES / 6.475 HA.	
LEASE PERIOD (AS PER L.O.I.)	:	5 YEARS	
PRODUCTION PER ANNUM	:	1034482.75 Cum Per Annum or 3000000 MT/Annum	
PRODUCTION PER DAY	:	3448.27 Cum Per Day or 10000 Ton Per Day	
METHOD	:	OPEN CAST OTHER THAN FULLY MECHANIZED METHOD (OFTM), CONTROL DRILLING & BLASTING	
TYPES OF LAND	:	NON- FOREST GOVT. WASTE LAND	

NAME OF PROJECT PROPONENT

M/S BHAGWATI STONE CRUSHER

PARTNER – SUREKHA DEVI & BIPIN PATEL

NEAR SANTOSHI TEMPLE, NEW COLONY, NIMDIH, P.O + THANA-
CHAIBASA, DISTRICT- WEST SINGHBHUM, JHARKHAND, 833201

Basic Information

S.No	Item	Details																																				
1.	Name of the project/s	Khakhanduwa Stone Deposit, Block-B at Mauza-Khakhanduwa, Thana No.- 309, Thana- Govindpur, District-Nawada, State- Bihar.																																				
2.	S. No. in the schedule	1 (a) B1 Category																																				
3.	Proposed capacity /area /length /tonnage to be handled/command area/lease area/number of wells to be drilled.	<table border="1"> <thead> <tr> <th>Year</th><th>Production in Cum</th><th>Production in (Tonnes)</th></tr> </thead> <tbody> <tr> <td>1st Year</td><td>1034488.00</td><td>3000015.20</td></tr> <tr> <td>2nd Year</td><td>1034483.10</td><td>3000000.29</td></tr> <tr> <td>3rd Year</td><td>1034488.00</td><td>3000015.20</td></tr> <tr> <td>4th Year</td><td>1034488.00</td><td>3000015.20</td></tr> <tr> <td>5th Year</td><td>1034488.00</td><td>3000015.20</td></tr> <tr> <td>Total</td><td>5172435.10</td><td>15000061.79</td></tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>Mining Lease area</td><td>16.0 ACRES / 6.475 HA</td></tr> <tr> <td>Total Mineral Reserve</td><td>5,189,320.5 Cum or 15049029.45 Tonnes</td></tr> <tr> <td>Annual production</td><td>1034482.75 Cum Per Annum or 3000000 MT/Annum</td></tr> <tr> <td>Per day production</td><td>3448.27 Cum Per Day or 10000 Ton Per Day</td></tr> <tr> <td>Life of Mine</td><td>Five Years</td></tr> </tbody> </table>	Year	Production in Cum	Production in (Tonnes)	1 st Year	1034488.00	3000015.20	2 nd Year	1034483.10	3000000.29	3 rd Year	1034488.00	3000015.20	4 th Year	1034488.00	3000015.20	5 th Year	1034488.00	3000015.20	Total	5172435.10	15000061.79	Mining Lease area	16.0 ACRES / 6.475 HA	Total Mineral Reserve	5,189,320.5 Cum or 15049029.45 Tonnes	Annual production	1034482.75 Cum Per Annum or 3000000 MT/Annum	Per day production	3448.27 Cum Per Day or 10000 Ton Per Day	Life of Mine	Five Years					
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5.	Existing Capacity/Area etc.	NA																																				
6.	Category of Project i.e. 'A' or 'B'	'B'																																				

7.	Does it attract the general condition? If yes, please specify.	None
8.	Details of Letter of Intent (LOI)	Earlier, the State Government had granted consent for mining to M/s Patel Agri Industries Private Limited, Director – Shri Kunkun Prasad, vide Letter No. 1702/Kh, Khanan dated 31.12.2018. Subsequently, the Collector Cum District Magistrate, Nawada (Khanan Branch) has transferred the said consent in favour of M/s Bhagwati Stone Crusher, Partners – Smt. Surekha Devi and Shri Bipin Patel, having address near Santoshi Temple, New Colony, Nimdih, P.O. & P.S.– Chaibasa, District – West Singhbhum, Jharkhand, vide Letter No. 5297/Khanan, Nawada dated 22.12.2025.
9.	Location	
	Plot/Survey/Khasra No.	Plot No.1 (P), Khata No- 85, Thana No- 309
	Mauza	Khakhanduwa
	Thana No.	309
	Anchal	Govindpur
	District	Nawada
	State	Bihar
10.	Nearest railway station/airport along with distance in kms	Nawada Railway Station, Approx. 12.3 Km towards NW. (Source: Google earth & Aerial Distance)
11.	Nearest Town, city, District Headquarters along with distance in kms.	Nearest Town is Nawada it is about 12.5 Km in NW direction. (Source: Google earth & Aerial Distance)
12.	Village Panchayat, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Village- Baksoti, Block- Govindpur, District- Nawada, Bihar
13.	Name of the applicant	M/S Bhagwati Stone Crusher Partner – Surekha Devi & Bipin Patel
14.	Registered Address	M/S Bhagwati Stone Crusher Partner – Surekha Devi & Bipin Patel Near Santoshi Temple, New Colony, Nimdih, P.O + Thana- Chaibasa, District- West Singhbhum, Jharkhand, 833201
15.	Address for correspondence	
	Name	Surekha Devi & Bipin Patel
	Designation (Owner/Partner/CEO)	Partner
	Address	M/S Bhagwati Stone Crusher

		Partner – Surekha Devi & Bipin Patel Near Santoshi Temple, New Colony, Nimdih, P.O + Thana- Chaibasa, District- West Singhbhum, Jharkhand
	Pin Code	833201
	E-mail	--
	Telephone No.	7759074867
	Fax No.	--
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet	This is a New mine with enough reserve available. No alternate site is considered.
17.	Interlinked Projects	No
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
21.	Whether the proposal involves approval/ clearance under: if yes, details of the same and their status to be given. (a)The Forest (Conservation) Act, 1980? (b) The Wildlife (Protection) Act, 1972? (C) The C.R.Z Notification, 1991?	Not applicable. The proposal does not involve any approval /clearance under the said Acts & Notification. Not Applicable Not Applicable Not Applicable
22.	Whether there is any Government Order/Policy relevant/relating to the site?	Earlier, the State Government had granted consent for mining to M/s Patel Agri Industries Private Limited, Director – Shri Kunkun Prasad, vide Letter No. 1702/Kh, Khanan dated 31.12.2018. Subsequently, the Collector Cum District Magistrate, Nawada (Khanan Branch) has transferred the said consent in favour of M/s Bhagwati Stone Crusher, Partners – Smt. Surekha Devi and Shri Bipin Patel, having address near Santoshi Temple, New Colony, Nimdih, P.O. & P.S.– Chaibasa, District – West Singhbhum, Jharkhand, vide Letter No. 5297/Khanan, Nawada dated 22.12.2025.
23.	Forest land involved (hectares)	No forest land is involved.

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 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	Permanent change in land use will be there due to that Mining Activities. Applied mine lease area will be converted into an open pit. Mining Activities will be carried out only within the applied mine lease area.
1.2	Clearance of existing land, vegetation and buildings?	No	Applied Mine lease area is a virgin land.
1.3	Creation of new land uses?	No	The mining activity will result in pits; therefore, only land cover of ML area will change. At the end of the life of the mine a part of the total area be converted into water reservoir and rest of the area will be backfilled and will be used for greenbelt development.
1.4	Pre-construction investigations e.g. bore holes, soil testing?	No	Presently sufficient proved reserves are available in the area so no need of exploration at this time.
1.5	Construction works?	Yes	The statutory requirements like adequate capacity mine office, store, first aid station, rest shelter; urinals etc. will be constructed in the land outside the applied area.
1.6	Demolition works?	No	No demolition work is involved.
1.7	Temporary sites used for construction works or housing of	No	Local villagers will be employed thus no specific site is required for housing for the workers.

	construction workers?		
1.8	Above ground buildings, structures or earth works including linear structures, cut and fill or excavations	Yes	Earthworks: The proposed mining involves excavation of minerals. This will add to the change in the localized physical environment. The generated top soil will be preserved over periphery of mine site. Above ground buildings: Construction of offices, toilets, rest shelter, and first aid station etc. will be done in the mine area itself.
1.9	Underground works including mining or tunneling?	No	Proposed project does not include underground mining or tunneling.
1.10	Reclamation works?	Yes	At the end of life of mine, about 3.337 ha excavated area will be used as a water reservoir for rain water harvesting, which will be utilized by the local people for their domestic purpose and balance excavated area will be proposed for plantation. Besides, 0.558 Ha. area will be developed as green belt all along the mine lease boundary.
1.11	Dredging?	No	No dredging will be involved.
1.12	Offshore structures?	No	No offshore structure will be involved.
1.13	Production and manufacturing processes?	Yes	Method: Open Cast Other than Fully Mechanized Method (OFTM), Control Drilling & Blasting. The salient features of mining method are: - Bench Height: 9 m Bench Width: 10 m
1.14	Facilities for storage of goods or materials?	No	No permanent storage is required, as the Stone which is excavated will be transported from mine site to required destination.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	The waste material shall be dumped inside the mining lease area in his own land. No liquid effluent shall be generated from the mine.
1.16	Facilities for long term housing of operational workers?	No	Workers will be hired/ employed locally from the nearby villages, for the mining activity. Thus, no housing facility will be developed near mine site.

1.17	New road, rail or sea traffic during construction or operation	No	During the operational phase traffic will increase, however the existing road network will be sufficient to handle the increased traffic load.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc.?	No	Existing facilities are sufficient. No new road/rail will be required.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	There is 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 other changes to the hydrology of watercourses or aquifers?	No	There is no water course falling in this applied area.
1.22	Stream crossings?	No	There is no stream (perennial or seasonal) within the applied area.
1.23	Abstraction or transfers of water from ground or surface waters?	Yes	No, abstraction of ground water will be done. Water demand will be met by Private water tanker from nearby village.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	There is no water course in the lease area thus no change is anticipated on the water bodies, drainage or run off.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	No	The staff and the workers involved in the project will use the local transport for commutation to the project area. Stone from the mine site will be transported by road in trucks.
1.26	Long-term dismantling or decommissioning or restoration works?	Yes	After completion of mining operations, the mined-out area will be converted into a water reservoir, which shall be useful to the society after mining scenario.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	After closure of mining operations, no activity will be there. Natural water reservoir will be formed with enhanced plantation at the periphery of the mine site in safety zone.

1.28	Influx of people to an area in either temporarily or permanently?	No	Mostly local people will be deployed to carry out material extraction. So no influx of people is envisaged.
1.29	Introduction of alien species?	No	There would be no introduction of any alien species since local species would be preferred for the plantation.
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.

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 mining area is concentrated in the area where no mining activities are going on. There will be no impact on the agricultural activities in and around the area.
2.2	Water (expected source & competing users) unit: KLD	Yes	The total water requirement is approx. 14.92 KLD. 0.72 KLD for domestic + drinking use, 10.0 KLD for dust suppression and 4.2 KLD for plantation purposes. This water will be supplied through authorized water tanker supply.
2.3	Minerals (MT)	No	No raw materials are required for mining operation.
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	No	Temporary office building and toilets will be made in the lease area for carrying out routine mine operations.
2.5	Forests 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 will be taken from nearby village. Only standby DG and other portable equipment's will be operated on Diesel fuel.
2.7	Any other natural resources (use appropriate standard units)	No	No other natural resources will be used.

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.	Information/Checklist	Yes/No	Details thereof (with approximate
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No	Confirmation		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)	Yes	Slurry based Explosives will be used for blasting. Blasting will be carried out by the license holder agency.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	Yes	Proper hygienic environment will be maintained to prevent chances of insects or water borne diseases.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	This project will provide livelihood to the workforce 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	No vulnerable groups of people will be affected by the project as entry of unauthorized person in the mining lease area will be prohibited.
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)

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	Yes	Waste/ overburden generation will be there which will be backfilled in the mine site itself.
4.2	Municipal waste (domestic and or commercial wastes)	Yes	Very insignificant quantity of domestic waste will be generated by the labors at site.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	Not Applicable.
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	No sludge generation will be there.
4.7	Construction or demolition wastes	No	No construction or demolition work involved.
4.8	Redundant machinery or equipment	No	There is no redundancy of machineries involved, as the machineries are movable and will be

			removed from the mine lease area after the mining is over and will be used elsewhere.
4.9	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 is generated.
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	There will be emissions from vehicles engaged for excavation and transportation. It will be managed by the following methods: • Proper maintenance of vehicles and machines & roads. • Sprinkling of water at the haul roads • Maintain the slopes of the side boundaries of the haul roads • Local vehicles used will be PUC certified vehicles.
5.2	Emissions from production processes	Yes	Dust emission will be the major pollutant from production process. However, mitigative measures will be taken : • Water sprinkling on haul roads • Limiting the speed of the vehicles • Regular maintenance of vehicles/equipment's. • Mineral will be covered with tarpaulin sheets during transportation. • Plantation along the road as green barrier
5.3	Emissions from materials handling including storage or transport	Yes	There will be fugitive emissions generated during material handling, transportation, loading and unloading etc. Regular water sprinkling on haul road will suppress the dust particles and prevent them from getting air-borne. Transportation: Movement of vehicles like dumpers, trucks, tankers etc. will also generate dust.

			Material Handling: Dust will be generated during loading operation of material loading into trucks. However, all mitigation measures will be taken to control the same. Transportation: Movement of vehicles like dumpers, trucks, tankers etc. will also generate dust. Material Handling: Dust will generate during loading operation of material loading into dumpers. However, all mitigation measures will be taken to control the same.
5.4	Emissions from construction activities including plant and equipment	No	No permanent construction activity will be carried out at site so there will be no emission from any such activities. Temporary office & toilet facilities will be provided.
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	No	There would be no dust or odors from handling of construction materials since there is no permanent construction proposed at the site.
5.6	Emissions from incineration of waste	No	As it is a mining project so, no incineration will be done.
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.
6. 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	Yes	Noise will be from the heavy equipment's, DG sets and Blasting operations only which will be carried out by taking all the mitigation measures to minimize and attenuate the excessive noise levels.
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	Yes	As Quarrying of stone will be carried out by

			blasting & transportation by using low power explosives. Hence, noise will be in a controlled exposure to workers.
6.5	From construction or operational traffic	Yes	Tractors/Truck will be used for the transport. Hence no major traffic anticipated.
6.6	From lighting or cooling systems	No	Mining will be done in day time so no lighting will be required and cooling systems are not required.
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 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 storage of hazardous material at site which will lead to spillage.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	Only domestic sewage will be generated from the proposed project operations. Portable toilets will be installed. The sewerage generated will be stored and transferred via tankers.
7.3	By deposition of pollutants emitted to air into the land or into water	No	- Dust generated during the mining process, loading and transportation may cause impact on the air but the measures followed will control the air pollution. - No liquid waste will be generated. Hence there is no risk of contamination of air, water and land.
7.4	From any other sources	No	There is no other source from which risk of contamination is anticipated.
7.5	Is there a risk of long term buildup of pollutants in the environment from these sources?	No	There is no risk of long term buildup of pollutants in the environment from the proposed project operations as frequent dust suppression would be done in mining area and surrounding roads.

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.	Yes	- Controlled blasting will be done. - No storage of flammable and hazardous materials will be there at site. - Diesel will be purchased on daily basis as when required.
8.2	From any other causes	Yes	- Accidents by transport vehicles due to negligence and/or ignoring the safety aspects. - Accidents during mining caused due to negligence of workers or bad mining practice. - No loose stone or debris will be allowed to remain near the edges of excavation and along the sides of haul road. - However, to deal the minor incidences and accidents, First Aid measures at site will be provided.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc.)?	No	As per the secondary data available no such precedents has been reported: Floods For effective functioning, Post-monsoon and Pre-monsoon groundwater level will be monitored regularly. Garland drains around dumps are used to channelize the rain water into ponds. Earthquakes The site is located in the Seismic Zone IV, as per the seismic zoning map of India given in BIS code IS: 1893 (Part1)-2002, which is Damage Risk Zone.

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	Yes	Proposed project will result in development of

	facilities 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		living standards of the surrounding area by increasing direct and indirect employment opportunities in the region.
9.2	Lead to after-use of the site, which could have an impact on the environment	No	There is likely to be positive impact on the environment as mining pit will be converted into a natural water reservoir beneficial to environment. Improvisation to the socioeconomic conditions of the local people by direct /indirect employment generation and also lead to increased revenue flow of the state
9.3	Set a precedent for later developments	No	A better after use scenario, which is likely to increase aesthetic beauty of the area by converting the excavated region into water reservoir.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	Yes	No major industries except few mines of mineral are located in the 10 km area. Thus there is likelihood of cumulative effect due to the transportation of mineral. A better planned and executed project has to yield a better result individually; which in turn has to give better cumulative effect also. Infrastructure will improve and also help in improving the economic well-being of the people around.

(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,	No Such areas identified	No areas protected under international Areas protected under international conventions, national or local legislation for their ecological,

	cultural or other related value.		landscape, cultural or other related value is found within 15 km.
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests.	Protected Forest Protected Forest Protected Forest Protected Forest Protected Forest Bucua PF Protected Forest Sakri River Panchane River	Approx. 4.5 Km towards WSW Approx. 2.69 Km towards WSW Approx. 1.52 Km towards SW Approx. 6.49 Km towards ESE Approx. 8.44 Km towards ESE Approx. 4.28 Km towards ENE Approx. 7.0 Km towards South Approx. 50m towards ESE Approx. 3.2 Km towards NE Approx. 1.3 Km towards SSW
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration resting, over wintering, migration	Protected Forest Protected Forest Protected Forest Protected Forest Protected Forest Bucua PF Protected Forest Sakri River Panchane River	Approx. 4.5 Km towards WSW Approx. 2.69 Km towards WSW Approx. 1.52 Km towards SW Approx. 6.49 Km towards ESE Approx. 8.44 Km towards ESE Approx. 4.28 Km towards ENE Approx. 7.0 Km towards South Approx. 50m towards ESE Approx. 3.2 Km towards NE Approx. 1.3 Km towards SSW
4	Inland, coastal, marine or underground waters	No Such areas identified	No Inland, coastal, marine or underground waters are present.
5	State, National boundaries	Nil	There is no State, National boundaries within 10 Km radius from project site.
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Govindpur- Baraiba Rd NH-20 (Ranchi-Patna Rd) Akbarpur Gobindpur Rd	Approx. 2.7 Km towards NE Approx. 6.5 Km towards West Approx. 4.0 Km towards South
7	Defense installations	Nil	No such defense installation exists.
8	Densely populated or built-up area	Khakhanduwa Rampur Sirampur	Approx. 0.76 Km towards SSW Approx. 1.8 Km towards SSE Approx. 1.7 Km towards West
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	School/ Colleges Higher Secondary School, Kulna Rampur Primary School Hospital	Approx. 2.5 Km towards WSW Approx. 1.5 Km towards SSE Approx. 12.5 Km towards NW

		Sadar Hospital, Nawada Rosmak Jeevan Hospital, Nawada Referral Hospital, Govindpur Worship Shiv Mandir, Sirampur Devi Sthan, Gajodih	Approx. 12.0 Km towards NW Approx. 8.5 Km towards East Approx. 1.2 Km towards West Approx. 1.3 Km towards SE
10	Areas containing important, high quality or scarce resources (Ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	Protected Forest Protected Forest Protected Forest Protected Forest Protected Forest Protected Forest Bucua PF Protected Forest Sakri River Panchane River	Approx. 4.5 Km towards WSW Approx. 2.69 Km towards WSW Approx. 1.52 Km towards SW Approx. 6.49 Km towards ESE Approx. 8.44 Km towards ESE Approx. 4.28 Km towards ENE Approx. 7.0 Km towards South Approx. 50m towards ESE Approx. 3.2 Km towards NE Approx. 1.3 Km towards SSW
11	Areas already subjected to pollution or environmental damage. (Those where existing legal environmental standards are exceeded)	No such area identified	No areas already subjected to pollution or environmental damage.
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)	The area comes under Seismic Zone –IV	--

UNDERTAKING

“I hereby give undertaking that the data and information given in the application and enclosure 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:

Surekha Devi & Bipin Patel
(Partner)
M/S Bhagwati Stone Crusher

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 taken to obtain the requisite clearance under the provisions of the C.R.Z Notification, 1991 for the activities to be located in the C.R.Z.
2. The projects to be located within 10 km 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 the Ministry of Environment & Forests including submission of application for 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 authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project.