

APPENDIX I

(See paragraph - 6)

FORM 1

(I) Basic Information

Sr. No.	Item	Details
1.	Name of the project	CrusherStone quarry (Q.L. Area :1.0Hect) Shri Manish Chandravanshi S/o Shri Virendra Singh Chandravanshi Vill.-Chhaprimiya Teh.-Ichhawar, Dist.-Sehore(M.P.). With Production capacity 4500m ³
2.	Sr. No. in the Schedule	1(a)
3.	Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of wells to be drilled	4500 m ³ Per Annum of CrusherStone quarry(New) Quarry Lease for 10 Year period Principal Approval Dated 08/08/2018 Lease area1.00Hect., Kh. No.- 14/2,15/2 At Vill.- Chhaprimiya, Teh.-Ichhawar, Dist.- Sehore(M.P.)
4.	New/Expansion/Modernization	New
5.	Existing Capacity/ Area	NA
6.	Category of project A or B	B
7.	Does it attract the general condition? If Yes please specify	N.A. Proposed project does not located in whole or in part within 10 km from the boundary of: (i) Protected Areas notified under the Wild Life (Protection) Act, 1972, (ii) Critically Polluted areas as notified by the Central Pollution Control Board from time to time, (iii)Notified Eco-sensitive areas, (iv) Inter-State boundaries and international boundaries.
8.	Does it attract the specific condition? If Yes please specify	N.A.

9.	Location Plot/survey/Khasara no. Village Tehsil District State	Khasra No. 14/2,15/2 Chhaprimiya Ichhawar Sehore M.P.
10.	Nearest railway station/airport along with distance in km	Sehore Railway Station -38 Km. Bhopal Airport -63 Km.
11	Nearest Town/Village City District Headquarter	Chhaprimiya - 0.5 km Sehore- 35 Km.
12	Village Panchayat/ZilaParisad/Municipal Corporation/local Body	Village Panchayat- Deewadiya
13	Name of the Applicant	Shri Manish Chandravanshi S/o Shri Virendra Singh Chandravanshi
14	Registered add	Ashta Road, Bypass Chauraha,In front of HP Petrol Pump, Sujalpur (M.P.)
15	Add for correspondence Pin Code Name Designation (Owner/partner/CEO) Address Pin Code E Mail Telephone No. Fax No	Ashta Road, Bypass Chauraha,In front of HP Petrol Pump, Sujalpur (M.P.) 465331 Shri Manish Chandravanshi S/o Shri Virendra Singh Chandravanshi Individual Ashta Road, Bypass Chauraha,In front of HP Petrol Pump, Sujalpur (M.P.) 466001 8821934188
16	Details of alternative site examined, if any, Location of these sites should be shown on a Topo sheet	It is a Specific Project for a Stone Quarry Khasra No. - 14/2,15/2 At Vill.- Chhaprimiya , Teh.-Ichhawar Dist.- Sehore(M.P.)

17	Interlinked Project	N.A.
18	Whether separate application of interlinked project has been submitted	N.A.
19	If Yes date of submission	N.A.
20	If no reason	N.A.
21	Whether the proposal involves approval/clearance under, if yes details of the same a. The forest conservation act 1980 b. The wildlife protection act 1972 c. The CRZ notification 1991	No
499	Whether there is any Govt. order/Policy relevant/relating to the site	No
23	Forest land involved	No
24	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up a. Name of court b. Case No c. Order/direction of the court, if any and its relevance with the proposed project	No

(II) Activity

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

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	The topography of the core zone will be changed due to the mining operation in the form of mining pits, surface dumps, haulage roads infrastructure facilities, etc.
1.2	Clearance of existing land, vegetation	No	The quarry lease is waste land.

	and buildings?		
1.3	Creation of New land uses?	Yes	It will be used in mining and related activities.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	N.A
1.5	Construction works?	No	N.A
1.6	Demolition works?	No	N.A
1.7	Temporary sites used for construction works or housing of construction workers?	No	Shelter room will be constructed nearby crusher area.
1.8	Above ground buildings, structures or earthworks including linear structures, cut andfill or excavations	No	N.A
1.9	Underground works including mining or tunneling?	No	N.A
1.10	Reclamation works?	Yes	Water Reservoir and afforestation
1.11	Dredging?	No	N.A
1.12	Offshore structures?	No	N.A
1.13	Production and manufacturing processes?	Yes	Excavation of stone Boulders
1.14	Facilities for storage of goods or materials?	No	Temporary stacking of stones, OB soil and mine waste will be done in predetermined areas. Tools and equipments will be stored in store room.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	No	Most of the workers will be employed from nearby villages. Hence long term housing facility are not involved
1.16	Facilities for long term housing of operational workers?	No	NA
1.99	New road, rail or sea traffic during construction or operation?	No	NA
1.18	New road, rail, air waterborne or other transport infrastructure including New or altered routes and stations, ports, airports etc?	No	NA

1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	NA
1.20	New or diverted transmission lines or pipelines?	No	NA
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	NA
1.499	Stream crossings?	No	NA
1.23	Abstraction or transfers of water from ground or surface waters?	No	NA
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	NA
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	With private vehicles of the applicant/contractors.
1.26	Long-term dismantling or decommissioning or restoration works?	Yes	Part of the mined out area will be reclaimed and rehabilitated by way of afforestation.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	NA
1.28	Influx of people to an area in either temporarily or permanently?	yes	For employment and for business opportunities.
1.29	Introduction of alien species?	No	NA
1.30	Loss of native species or genetic diversity?	No	NA
1.31	Any other actions?	No	NA

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

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	Waste land
2.2	Water (expected source & competing users) unit: KLD	No	Water is required for domestic use. Qty10KLD
2.3	Minerals (M3/t)	Yes	4500 m ³ of Stone Per Annum
2.4	Construction material - stone, aggregates, sand / soil (expected source - MT)	Yes	4500 m ³ of Stone Per Annum
1.0	Forests and timber (source - MT)	No	NA
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	No	NA
2.7	Any other natural resources (use appropriate standard units)	No	NA

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

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

	etc.,		
3.5	Any other causes	No	

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

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	Yes	About 5% waste material will be generated. 7mt soil and overburden in the area.
4.2	Municipal waste (domestic and or commercial wastes)	yes	Very less (meager) quantity.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	NA
4.4	Other industrial process wastes	No	NA
4.5	Surplus product	No	NA
4.6	Sewage sludge or other sludge from effluent treatment	No	Domestic effluent will be discharged in septic tanks/soak pit.
4.7	Construction or demolition wastes	No	NA
4.8	Redundant machinery or equipment	No	NA
4.9	Contaminated soils or other materials	No	NA
4.10	Agricultural wastes	No	NA
4.11	Other solid wastes	No	NA

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

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources	No	N. A.

5.2	Emissions from production processes	Yes	Particulate matter emissions (dust) from mining and transportation.
5.3	Emissions from materials handling including storage or transport	No	NA
5.4	Emissions from construction activities including plant and equipment	No	NA
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	No	The mining activities may cause increase in PM levels locally. The impact will be reversible, marginal and temporary in nature. Dust suppression will be done by sprinkling of water. However, there will be no odor generation. The crusher & crusher area will be covered by tin sheds.
5.6	Emissions from incineration of waste	No	N.A
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	N.A
5.8	Emissions from any other sources	No	N.A

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	Yes	From transportation of vehicles and crusher, which will be done in permissible limit.
6.2	From industrial or similar processes	No	N.A
6.3	From construction or demolition	No	NA
6.4	From blasting or piling	Yes	Drilling & Controlled Blasting will be done by as per Govt. norms.
6.5	From construction or operational traffic	Yes	Marginal increase in noise level due to transportation of mineral. Meager noise can be anticipated from the traffic. Measures shall be taken to control noise with proper preventive maintenance and lubrications.
6.6	From lighting or cooling systems	No	NA

6.7	From any other sources	No	NA
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7.0 Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	No hazardous material storage or handling is envisaged.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	It will be a Zero discharge mine. Domestic effluent will be discharged in septic tanks/ soak pits. Surface run off will be collected in series of settling ponds and mined out pits. No effluent will be discharged from the mine lease area.
7.3	By deposition of pollutants emitted to air into the land or into water	No	Not envisaged
7.4	From any other sources	No	Not envisaged
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	Not envisaged

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

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, as the blasting will be done by licensed contractor.
8.2	From any other causes	Yes	Vehicles movement
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	As per the Bureau of Indian Standards (BIS) map, Madhya Pradesh falls under seismic zone II & III

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

S. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	<ul style="list-style-type: none"> • 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 	No	NA
9.2	Lead to after-use of the site, which could have an impact on the environment	No	The quarry lease area will be developed in to water reservoir and partly developed into afforested area at the conceptual stage.
9.3	Set a precedent for later developments	No	NA
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	NA

(III) Environmental Sensitivity

S. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	None	N.A
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other	No	NA

	water bodies, coastal zone, biospheres, mountains, forests		
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, overwintering, migration	No	NA
4	Inland, coastal, marine or underground waters	No	NA
5	State, National boundaries	No	NA
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	No	NA
7	Defence installations	No	NA
8	Densely populated or built-up area	No	Village Chhaprimiya 0.50 Km. from the site.
9	Areas occupied by sensitive man-made land uses (<i>hospitals, schools, places of worship, community facilities</i>)	No	Village Chhaprimiya 0.50 Km. from the site.
10	Areas containing important, high quality or scarce resources (<i>Ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i>)	No	NA
11	Areas already subjected to pollution or environmental damage. (<i>Those where existing legal environmental standards are exceeded</i>)	No	NA
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (<i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i>)	No	As per the Bureau of Indian Standards (BIS) map, Madhya Pradesh falls under seismic zone II & III

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

Shri Manish Chandravanshi S/o Shri Virendra Singh Chandravanshi
Ashta Road, Bypass Chauraha, In front of HP Petrol Pump, Sujalpur (M.P.)
(Signature of applicant with name & Full address)