

APPENDIX I
(See paragraph – 6)
FORM 1

I) Basic Information

S. No.	Item	Details			
1.	Name of the Project	Proposed Gagriya Masonry Stone Mine, Ref. No.201810000392			
2.	S. No. in the schedule	S. No. 1(a), “B” Category (< 25 hectare of mining lease area) as per EIA Notification dated 14.09.2006 and its subsequent amendments vide S.O 2601 (E) dated 07.10.2014.& Amended on Dated 01.07.2016 & 01.07.2016			
3.	Proposed Capacity/area/ length /tonnage handled /command area/ lease/ number of wells to be drilled	Proposed Capacity: 68250 TPA Area: 1.00 Ha			
4.	New/Expansion /Modernization	New case for E.C			
5.	Existing Capacity /Area etc.	68250 TPA/ 1.0Hect			
6.	Category of Project i.e.' A' or 'B'	Category “B.”			
7.	Does it attract the general Condition? If yes, pls. specify.	No, it does not attract the general condition.			
8.	Does it attract the specific Condition? If yes, pl. specify	No, it does not attract the specific condition.			
9.	Location	The lease area of Gagriya Masonry Stone Mining lease is situated near Village - Gagriya , Tehsil - Ramsar, District - Barmer, State -Rajasthan falls in Survey of India Toposheet Nos. 40K/14 Latitude & Longitude –(P-A) N 25° 43’ 49.50433” & E 70° 50’ 11.93671”			
10.	M.L./Survey/Khasra No	Khasra No. 263/35 Khasra details and Jamabandi are enclosed as ANNEXURE - I.			
	Village	Gagriya			
	Tehsil	Ramsar			
	District	Barmer			
	State	Rajasthan			
11.	Nearest railway station/airport along with distance in Km	Particulars	Name	Distance (Aerial)	Direction
		Nearest Airport	Jodhpur	228 Km	East
		Nearest Railway Station	Ramsar	4.0 Km	East

12.	Nearest Town, city, District Head quarters along with distance in Km.	Particulars	Name	Distance	Direction
		Nearest Town	Ramsar	4.0 Km	East
		District HQ	Barmer	55 Km	NE
13.	Village Panchayats, Zila Parishad, Municipal Corporation, Local body (complete postal addresses with telephone no's. to be given)	Panchayat Samiti	Panchpadra, Rajasthan		
		Municipal Corporation	Barmer ,Rajasthan		
		Zila Parishad	Barmer, Rajasthan		
14.	Name of the applicant	Barkat Ali S/o Bahadur Khan			
15.	Registered Address	Village & Post –Deopura, Tehsil- Chohtan, Dist. Barmer (Raj.)			
16.	Address for correspondence	Project Proponent			
17.	Name	Barkat Ali S/o Bahadur Khan			
	Designation (Owner/ Partner/ CEO)	Owner			
	Address	Village & Post –Pardiya Deopura, Tehsil- Chohtan, Dist. Barmer (Raj.)			
	Pin Code	331500			
	E-mail	Singhaarav512@gmail.com			
	Telephone No	8696909111			
18.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a Toposheet	Mining activity is a site specific hence no alternative sites examined.			
19.	Interlinked Projects	None			
20.	Whether separate application of interlinked project has been submitted?	Not Applicable			
21.	If yes, date of submission	NA			
22.	If no, reason	The project is site specific only.			
23.	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?	No			
		No			
		NA			

24.	Whether there is any Government Order/ Policy relevant/ relating to the site?	No
25.	Forest land involved (hectares)	No Forest land is involved.
26.	Whether there is any litigation pending against the project and/ or land in which the project is proposed 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.

(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	<p>Land Use: The lease area is a part of Khatadari (Pvt.) land. Total Lease area is a mid hill rock. Top subsurface layer i.e., scree is available in the lease area in negligible quantity. As per revenue records, the mining lease area is Pvt. land. The mining activity will have localized impact and will create physical changes in the existing land use and environment. At the conceptual stage of mining, the excavated pit will cover 0.7225 ha. Area out of total 1.00 ha area, whole area will be converted to water reservoir.</p> <p>Land Cover: The proposed M.L. area of 1.00 hectare is Mid hill Land.</p> <p>Topography: Topographically, the M.L. area is a low undulating area. The highest elevation is mRL and the lowest elevation is mRL.</p> <p>Water Bodies: There is no water body inside the ML area only seasonal nallah flows during the rainy season.</p> <p>Vegetation: The vegetation in the M.L. area is there in the form of thorny bushes which will be removed prior to the commencement of the mining activity.</p>

LAND: STAGE WISE LAND USE AND RECLAMATION AREA (Ha.)

S. No.	Land use Category	Present	Mining Scheme Period	End of life of mine
1	Top Soil Dump	Nil	Nil	Nil
2	Waste Dump (internal)	Nil	Nil	Nil
3	Excavation (Voids Only)	Nil	0.7225	0.7225 (Total excavated area 0.7225 ha. will be converted into water reservoir)
4	Road	Nil	Nil	Nil
5	Built Up Area	Nil	0.008	0.008
6	Township Area	Nil	Nil	Nil
7	Afforestation	Nil	0.33**	0.33**
8	Reclamation (Backfilled)	Nil	Nil	Nil
9	Mineral Storage	Nil	Nil	Nil
10	Processing (Crushing)	Nil	Nil	Nil
11	Undisturbed Area	Nil	Nil	Nil
Total		1.00	1.00	1.00

*Waste will be dumped in the statutory barrier and plantation will be done over it to stabilize the dump.

**Out of total plantation of 0.33 ha. , 0.2775 ha. will be planted on statutory barrier while remaining 0.0525 ha. area will be planted outside the lease area.

POST MINING LAND USE OF CORE ZONE WITH ENVIRONMENT MANAGEMENT

S. No.	Description	Land Use (In Ha.)				
		Plantation	Water Body	Public Use	Undisturbed	Total
1	Top Soil Dump	Nil	Nil	Nil	Nil	Nil
2	External Waste Dump	Nil	Nil	Nil	Nil	Nil
3	(a)Excavation (Voids)	Nil	0.7225	Nil	Nil	0.7225
	(b)Excavation (backfilled)	Nil	Nil	Nil	Nil	Nil
4	Road	Nil	Nil	Nil	Nil	Nil
5	Built Up Area	Nil	Nil	Nil	Nil	Nil
6	Township Area	Nil	Nil	Nil	Nil	Nil
7	Afforestation	0.33**	Nil	Nil	Nil	0.33**
8	Mineral Storage	Nil	Nil	Nil	Nil	Nil
9	Undisturbed Area	Nil	Nil	Nil	Nil	Nil
Total		0.33	0.7225	Nil	Nil	1.00

*Waste will be dumped in the statutory barrier and plantation will be done over it to stabilize the dump.

**Out of total plantation of 0.33 ha. , 0.2775 ha. will be planted on statutory barrier while remaining 0.0525 ha. area will be planted outside the lease area.

1.2	Clearance of existing land, vegetation and buildings?	No	There is no building & structure which need to be demolished/ removed from mining lease area except some vegetations existing on the lease area which will be cleared when required.
1.3	Creation of new land uses?	Yes	At the end of life of mine, the excavated pit will cover 0.7225 ha. area out of total 1.00 ha area. At conceptual stage whole area will be converted into water reservoir.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	No pre-construction investigation is required since the existence of mineral has been assessed on the basis of mineral outcrops.
1.5	Construction works?	Yes	Mine office including rest shelter will be constructed

			during operational phase.
1.6	Demolition works?	No	There will be no demolition works.
1.7	Temporary sites used for construction works or housing of construction workers?	No	No need for construction of housing for workers as the laborers will come from the nearby villages & working of mine will be done during the day time. However, rest shelter will be constructed for the employed persons.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations.	Yes	Only excavation related to mining operations will be carried out. Mine office including rest shelter will be constructed during operational phase.
1.9	Underground works including mining or tunneling?	No	No underground work will be done.
1.10	Reclamation works?	Yes	At the end of life of mine, the excavated pit will cover 0.7225 ha. area out of total 1.00 ha area. At conceptual stage whole area will be converted into water reservoir.
1.11	Dredging?	No	No dredging work is proposed.
1.12	Offshore structures?	No	There will be no offshore structures.
1.13	Production and manufacturing Processes?	Yes	The proposed mining activity will be carried out by semi - mechanized open - cast method which include drilling, blasting, loading / un-loading, and transportation. The proposed production is 68250 TPA . The salient features of proposed mining method are:- <ul style="list-style-type: none"> ➤ The height of the benches in Masonry Stone mineral will be maintained at 5.0 m whereas the width of benches will also be kept more than 5.0 m. ➤ Blasting will only be done to loosen the rock. ➤ The mining will be done by forming benches of 5.0 m height. ➤ The mining will be started from Northern Eastern direction of the lease area. ➤ Loading and hauling of the mineral will be done by excavator.
1.14	Facilities for storage of goods or materials?	Yes	Storage of goods or materials will be restricted within the lease area and dispatch will be on regular basis. However, arrangement for storage of tools and materials will be made available inside the mine office.
1.15	Facilities for treatment or	Yes	Solid waste: Waste will be generated in the form of

	disposal of solid waste or liquid effluents?		<p>mineral rejects which will be stacked in the statutory barrier and it will be stabilized by the plantation.</p> <p>Liquid effluent: There will be no liquid effluent due to proposed mining but by employing 20 persons in the mine, the sewage generated will be up to about 0.682 KLD, which will be diverted into a septic tank followed by soak pit.</p> <p>Mine water may get accumulated during rainy season which will be pumped out & used for irrigation in nearby agriculture fields.</p>
1.16	Facilities for long term housing of operational workers?	No	No housing will be provided within the proposed ML area as the local people of nearby villages will be employed but a rest shelter will be provided.
1.17	New road, rail or sea traffic during construction or operation?	No	No new road, rail or sea traffic will be required during operation of the proposed project.
1.18	New road, rail, air waterborne or other transport infrastructures including new or altered routes and stations, ports, airports etc?	No	No new road, rail, air & water borne or other transport infrastructures including new or altered routes and stations, ports, airports, etc will be required.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	No Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements will be required.
1.20	New or diverted transmission lines or pipelines?	No	No new or diverted transmission lines or pipelines will be there.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	There will be no impoundment, damming, culverting, realignment or other changes to the hydrology of water courses or aquifers.
1.22	Stream crossings?	No	None, within the Mining Lease area.
1.23	Abstraction or transfers of water from ground or surface water?	No	The G.W. from dug well will be abstracted from nearby village for drinking purpose (0.16 KLD) only.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	As there are no water bodies inside the lease area and rain water falling around the lease area will be diverted to the low lying area, so there will be no change in water bodies or the land surface affecting drainage or run-off.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	Transportation of personal will be by jeep, vans etc. whereas Masonry Stone will be transported by dumpers only.

1.26	Long-term dismantling or decommissioning or restoration works?	Yes	At the end of life of mine, the excavated pit will cover 0.7225 ha. area out of total 1.00 ha area. At conceptual stage, whole area will be converted into water reservoir.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	No such activities will be carried out.
1.28	Influx of people to an area in either temporarily or permanently?	Yes	20 un - skilled, semi - skilled & skilled mine workers will be employed from the nearby villages. However, only 5 persons as technical staff will be employed from outside. So, influx will be very less creating less impact on the area.
1.29	Introduction of alien species?	No	Not Applicable.
1.30	Loss of native species or genetic diversity?	No	The area is having very less vegetation in the form of thorny bushes which will be cleared prior to commencement of mining activity.
1.31	Any other actions?	No	Nil

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)	Yes	The total area of 1.00 ha. is a part of Pvt. Land
2.2	Water (expected source & competing users) unit: KLD	Yes	The daily water demand will be 3.31 KLD out of which 3.15 KLD will be met from the nearby village pond (desiltation and impoundment will be carried out by P.P.). On one hand this will recharge the ground water table on the other will act as a water source nearby habitants. Only water for drinking purposes i.e. 0.16 KLD will be brought from nearby dug well/PHED. However, rain water stored in the pit during the rainy season will be used for plantation and dust suppression, if any.
2.3	Minerals (MT)	No	No other mineral will be required for proposed mining.
2.4	Construction material – stone, aggregates, sand/soil (expected source – MT)	Yes	Construction of mine office including rest shelter, store room, toilets etc. will be done from mineral reject from mining/construction material purchased

			from nearby market
2.5	Forests and timber (source – MT)	No	Forest and timber material will not be required.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	Electricity: No electricity will be required for the proposed mining activity. It electricity will be required it will provided by JVVNL Fuel: About 100 LPD diesel will be used for the operation of mining machineries
2.7	Any other natural resources (use appropriate standard units)	No	There will be no use of any other natural resources.

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	No such substances or materials will be used which will be hazardous to human health or environment. All precautions will be taken to avoid spillage of HSD/oils etc. explosives to be used for blasting will be brought from authorized magazine. Safety will be ensured by controlled blasting practices. The entire blasting operations will be carried out as per provisions of MMR, 1961 and Indian Explosives Act/Rules, Regulations & Order made there under.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	After the rainy season, spray of pest control will be done to avoid occurrence of any disease due to insects or water borne vectors.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	There will be positive impact of the project in the nearby area due to creation of direct and indirect employment opportunities for local people. Thus, it will improve the socio-economic status of the people employed.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	The project site is far away from vulnerable group of people so it will not affect them.
3.5	Any other causes	No	Nil

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	Soil, overburden or mine wastes	Yes	Scree available in the lease area is negligible in quantity and it will be stacked separately and simultaneously will be used for plantation within the lease area. The total waste (mineral reject) generated at the conceptual phase will be use Road and other construction.
4.2	Municipal waste (domestic or commercial wastes)	Yes	Small amount of domestic waste will be generated for which dustbin will be kept at proper place and it will be disposed properly and regularly.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	No hazardous waste will be generated.
4.4	Other industrial process wastes	No	There will be no generation of any industrial process waste.
4.5	Surplus product	No	There will be no surplus product.
4.6	Sewage sludge or other sludge from effluent treatment	No	There is no any requirement of effluent treatment plant so no sludge will be generated.
4.7	Construction or demolition waste	No	There will be no construction or demolition waste.
4.8	Redundant machinery/ equipment	No	There will be no redundant machinery or equipment.
4.9	Contaminated soils or other materials	No	--
4.10	Agricultural wastes	No	--
4.11	Other solid wastes	No	--

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	The emission of SO ₂ & NO _x due to the machineries i.e. Compressor, Excavator, & Dumpers. Also, efforts will be made to minimize emissions by proper & regular maintenance of machinery & plantation in and around the M.L. area.
5.2	Emissions from production process	Yes	Some dust will be generated during drilling, blasting, loading / unloading, transportation etc.

			Dust suppression will be done by regular water sprinkling on haul road & loaded trucks/ dumpers and wet drilling method will also be adopted.
5.3	Emissions from materials handling including storage or transport	Yes	Fugitive dust will be generated during the transportation & handling of the material. Air pollutants like NO _x , SO ₂ etc. generated due to the transportation of the material will be maintained within the permissible limits.
5.4	Emissions from construction activity including plant & equipment	Yes	Very limited construction activity is proposed and by adoption of proper mitigative measures, dust /other emissions will be controlled.
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	Yes	Some dust will be generated during loading / unloading and movement of vehicles. Dust suppression will be done by regular water sprinkling & proper maintenance of vehicles. No odours will be generated.
5.6	Emission from incineration of waste	No	---
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	---
5.8	Emissions from any other sources	No	Nil

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	During the mining operations, noise will be generated by use of HEMM (Compressor, Excavator, Dumper, Rock Breaker, Jack Hammer etc.) Suitable prescribed control measures will be adopted from time to time to keep the noise levels within the permissible limits. Regular maintenance of machineries will be there to control the noise of the equipments. PPE will also be used by the employed persons to protect them from noise pollution.
6.2	From industrial or similar process	No	There will be no other industrial process.
6.3	From construction or demolition	No	Not required.

6.4	From blasting or pilling	No	Proposed blasting will be of small scale and so noise & vibration will be for a fraction of seconds. Controlled blasting practice will reduce the noise & vibration to a considerable extent.
6.5	From construction or operational traffic	Yes	Very limited construction activity is proposed so very little noise will be generated. By regular maintenance of vehicles & by plantation in & around the M.L. area, noise from operation of traffic will be reduced.
6.6	From lighting or cooling systems	No	Not Envisaged
6.7	From any other sources	No	Not Envisaged

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 use/ handling of hazardous material will take place except periodical oil change which will take place in workshop outside the lease area. Special care will be taken during use of oil for lubrication of equipments, so that nothing falls on the ground to contaminate the soil. Equipments will be kept well maintained to keep them leakage free.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge).	No	The wastewater generated will be treated in the septic tank followed by soak pit; hence there will be no risk of land and water due to discharge of untreated waste water.
7.3	By deposition of pollutants emitted to air into the land or into water.	No	N/A
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 as adequate pollution control measures during mining operations will be adopted.

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	Possibility of accident on account of explosion, spillages, fire or hazardous substances etc will be very less as proper maintenance, operation and leak proof condition of machineries of fire. No other major risk will be there, as mine will be worked as

			per statute under competent authority. Employed persons will be provided with safety equipments e.g. helmet, safety shoes, ear muffs, dust mask, hand gloves etc. which will further reduce the risk of accidents. Siren will be blown before blasting in addition to posting of guards with red flag at strategic points to ensure all persons to take adequate shelter and to prevent inadvertent entry of any person and cattle etc. in the lease area.
8.2	From any other causes	No	--
8.3	Could the project be affected by natural disasters causing Environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	No	The project site falls in Zone-II as per IS 1893 (Part-I): 2002. Hence, seismically it is a stable 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 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.	Yes	Proposed mining project will result in further development of the surrounding area by increase in direct and indirect employment opportunities for the region. The plantation in the lease area will further improve the environment & aesthetic beauty of the area. No adverse effect on environment and supporting infrastructure will be envisaged by proposed mining project. All the precautions will be taken to control the pollution. Therefore, there will be no negative impact on existing infrastructure of surrounding villages.
9.2	Lead to after-use of the site, which could have an impact on the environment.	Yes	After life of mine the site will act as a green belt & water reservoir. It will be better site than the present due to increased capacity of storage of water an additional water source will be created for irrigation and other household purposes which will ultimately improve the environment of the area and agro-productivity.
9.3	Set a precedent for later developments	Yes	A better after land use scenario will certainly increase the aesthetic beauty of surrounding area in addition to benefit of greenery which will set precedence for subsequent entrepreneurs who venture such projects.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	The project will be planned and executed systematically so as to negate any adverse cumulative effect.

(III) Environmental Sensitivity

S. No.	Areas	Name/ Identity	Aerial distance (within 15 Km.) Proposed project location boundary. Toposheet is enclosed as ANNEXURE
1.	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	No	--
2.	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	No	--
3.	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	No	--
4.	Inland, coastal, marine or underground	No	No such area is located within 15 Km radius of M.L. area.
5.	State, National boundaries.	No	No State or National Boundary is located within the Project site.
6.	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas.	Yes	SH-40 – 1.30M, SE NH-112 – 55 Km - SE
7	Defense installations.	None	Nil
8	Densely populated or built-up area.	Yes	Gagriya – about 4.0 Km, South
9	Areas occupied by sensitive manmade land uses (hospitals, schools, places of Worship)	Yes	School: - The Primary & Middle school is available at Gagriya village. Hospital: - Nearest dispensary is located at Gagriya 4.0Km in South direction of the lease area. Government hospital, police station, market, PWD rest house etc. is located at Gagriya & Ramsar.
10	Areas containing important, high quality or scarce resources (Ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals).	No	Forest: - Protected & Reserved Forests not falling within 15 km radius of the M.L. Area. Water: - No Surface water body is there in the M.L. area. Water table is observed at depth of 90 m and 80 m below the surface during pre - monsoon and post- monsoon period respectively. Proposed ultimate working level (51 m) will be above the water table. Hence, water table will not be intersected. Agricultural: - Agriculture is one of the major occupations in this region. As the ML area is a Govt. waste land and mining is confined only in the ML area so no impact on the vegetation.

11	Areas already subjected to pollution or environmental damage. (Those where existing legal environmental standards are exceeded).	None	--
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).	None	The project site falls in Zone-II as per IS 1893 (Part-I): 2002. Hence, seismically it is a stable zone. No Earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions are observed in past.

I hereby give this 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:01/01/2019

Place: Gagriya

Signature of the Project Proponent

(Barkat Ali)