

FORM I
FOR
MINIING ACTIVITY PROJECT

(GREVAL)

NEW GREVAL MINING PERMIT PROJECT

AT

PRATAPSANG NARSANGBHAI RATHOD

**SURVEY NO: SR.NO - 27,28 AND 29 NE LAGU NADI PATT -
UTAVALI RIVER - 5.30.00**

AT:-KHAMIDANA

TA:-BARVALA

DI:-BOTAD

STATE:-GUJARAT

MO.NO:-9998303888

PRATAPSANG NARSANGBHAI RATHOD

AT-CHASHIYANA, TA-DHANDHUKA, DIST-AHMEDABAD

Co.
District Level Expert Appraisal Committee,
.....,
.....,
.....,
Gujarat.

Kind Attn:-PRATAPSANG NARSANGBHAI RATHOD

Subject:- Submission Of Form 1, and Soft Copy for EC Application For Environmental Clearance For "GREVAL" NEW GREVAL MINING PERMIT PROJECT Mining Project (Area – 5.30.00 haq) located At:- KHAMIDANA Ta:-BARVALA Di:-BOTAD

Dear Sir,

Please find enclosed application form (Form-1) along with enclosures for getting the environmental clearance for our "GREVAL" NEW GREVAL MINING PERMIT PROJECT Mining Project (Area - 5.30.00 ha) At:-KHAMIDANA Ta:-BARVALA Di:-BOTAD(Gujarat).

As per the EIA Notification 2006, environment Clearance is required for mining of minerals under category 1(a) for area of 5 Ha and more. The MOEF vide OM dated -18th May in reference to hon'ble Supreme Court order in the matter of Deepakkumar etc Vs State of Haryana & Others, clarified that mining projects with lease area up to less than 50 Ha including of projects of mineral mines with lease area less than 5 Ha. Would be treated as category 'B' As defined in EIA Notification 2006 and will be considered by the respective EIAA.

We request you to process our application and accord us the environmental clearance at the earliest as per the Hon'ble supreme court order dated:-27/02/2012

“A”

Request Letter

To,
Respected,
Member Secretary,
S.E.A.C.,
Paryavaran Bhavan,
Sec.,10/A,
Gandhinagar,

Dear sir,

With respect,

I above said President PRATAPSANG NARSANGBHAI RATHOD got NEW GREVAL MINING PERMIT PROJECT of minor mineral “GREVAL” from Collector BOTAD on At:-KHAMIDANA Ta:-BARVALA Di:-BOTAD(Gujarat). Area of 5.30.00Ha.

As per the direction of honorable Supreme Court of India that NEW GREVAL MINING PERMIT PROJECT of minor minerals including their renewal for an area of NEW GREVAL MINING PERMIT PROJECT than five hectares be granted by the State?Unian territories only after getting environmental clearance from the MoEF.

The MoEF vide OM dt- In reference to above, said order clarified that mining projects with NEW GREVAL MINING PERMIT PROJECT area up to less than 50 Ha. Including of project of minor minerals mines with lease area less than 5 Ha. Would be treated as category “B” as defined in E.I.A. Notification 2006 and will be considered by the respective S.E.A.C.

As per the order of honorable National Green Tribunal on 05th AUG-2013

“We restrain any person, company, authority to carry out any mining activity of removal of GREVAL. From river beds anywhere in the country without obtaining Environmental Clearance from MoEF/SEIAA and license from the competent authorities. All the Deputy Commissioners, Superintendent of Police and Mining Authorities of all the respective States are directed to ensure compliance of these directions.”

Sir,

This is my humble request to you and Mr-Chairman sir and other respected committee members to consider our mines project to category B and accord us the environmental clearance for GREVAL NEW GREVAL MINING PERMIT PROJECT.

APPENDIX I
(See Paragraph-6)
CATEGORY – B

(I)BASIC INFORMATION		
S.No.	Item	Details
1.	Name of the Project	PRATAPSANG NARSANGBHAI RATHOD
2.	Project Sector	Non-Coal Mining
3.	Location of the project	AT-KHAMIDANA, TA-BARWALA, DIST-BOTAD
4.	project land	GOVT.LAND
5.	GPS CO-Ordinates	(A) 22° 9'9.76"N, 71°54'48.68"E (B) 22° 9'7.56"N, 71°54'48.55"E (C) 22° 9'13.30"N, 71°55'11.76"E (D) 22° 9'15.43"N, 71°55'11.08"E
6.	Project of Life	60 DAYS NEW QUARRY PERMIT

DETAILS OF STATE OF THE PROJECT			
Sr.no	State Name	District Name	Tehsil Name
1.	Gujarat	BOTAD	BARVALA

S.No.	Item	Details
7.	Town / Village	KHAMIDANA
8.	Plot/Survey/Khasra No.	SR.NO - 27,28 AND 29 NE LAGU NADI PATT - UTAVALI RIVER - 5.30.00
9.	S. No. in the schedule	1(a) Mining of minerals
10.	Proposed capacity Area Length tonnage to be handled command area lease area number or wells to be drilled	40000 MT 5.30.00 HA
11.	New/Expansion/Modernization	NEW QUARRY PERMIT
12.	Category of project	[B] AND SUB SATEGORY OF [B2]
13.	Does it attract the general condition? If yes, please specify	NO
14.	Does it attract the specific condition?	NO
15.	Is there any litigation pending against the project?	NO
16.	Nearest railway station along with distance in kms.	BHIMNATH RAILWAY STATION - 10 KM

		ARIAL OVER
17.	Nearest airport along with distance in kms	AHMEDABAD - 136 KM ARIAL OVER
18.	Nearest Town/City/District Headquarters along with distance in kms	BARWALA - 1.80 KM ARIAL OVER
19.	Distance of the project from nearest Habitation	KHAMIDANA - 1 KM ARIAL OVER
20.	Details of alternative sites examined shown on a toposheet	-
21.	Whether part of interlinked projects?	NO
22.	Whether the proposal involves approval/clearance under the Forest (Conservation)Act,1980?	NO
23.	Whether the proposal involves approval/clearance under the wildlife (Protection)Act,1972?	NO
24.	Whether the proposal involves approval/clearance under the C.R.Z notification,2011?	NO
25.	Whether there is any Government Order/Policy relevent/relating to the site?	NO
26.	Whether there is any litigation pending against the project and/or land in which the project is proposed to be set up?	NO
27.	Project Cost(in lacs)	40000 X 12 = 4.80/-
28.	Mining lease area (in ha.)	5.30.00 Ha

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.)
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S.No.	Information/Checklist confirmation	Yes/No	Details there of (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	Land USE :- The land use classification as per revenue record is River Bed sand. Due to mining activities there will be slightly changes in topographical features because existing mining confined to river bed only, no other area disturbed except some mineral is stacked at earmarked site of surface. Area is covered with water flow sand. There would be temporarily change in topography but river itself replenishes with sediment carried during monsoon season.
1.2	Clearance of existing land, vegetation and buildings?	YES	lease area is in river bed area so there is no clearance of vegetation and buildings.
1.3	Creation of new land uses?	NO	Not Applicable
1.4	Pre-construction investigations e.g. bore holes, soil testing?	NO	Not Applicable
1.5	Construction works?	NO	There are not any significant construction activities.
1.6	Demolition works?	NO	Not Applicable
1.7	Temporary sites used for construction works or housing of construction workers?	NO	Local people are getting employment so only temporary rest shelter and toilet facility is constructed at the mine site on 5.30.00 ha.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations and fill or excavations	YES	There is not any significant construction activity except for workers rest room and urinal facility.
1.9	Underground works including mining or tunneling?	NO	There will be no underground working since the proposal is for opencast mining activities only.
1.10	Reclamation works?	NO	No reclamation measures will be adopted at site except leveling of river bed after achieving UPL of 3mtr from river bed level. River itself replenishes with sediment carried during monsoon season.
1.11	Dredging?	YES	Mining is not existing in underwater so, no requirement of dredging at all.
1.12	Offshore structures?	NO	Not Applicable
1.13	Production and manufacturing processes?	YES	5.30.00 HA@ 40000 TPM (Maximum)

1.14	Facilities for storage of goods or materials?	NO	Not Applicable
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	YES	Nature of Waste : No waste generated at all except some amount of top soil in the from of alluvium will come out. Disposal : Top soil is being stacked separately. A 8.0 m buffer zone is left along riparian zone.
1.16	Facilities for long term housing of operational workers?	NO	There is not needed to provide housing within the lease area as the local persons are to be given employment.
1.17	New road, rail or sea traffic during construction or operation?	NO	Not Applicable
1.18	New road, rail, air water borne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	NO	Not Applicable
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	NO	Not Applicable
1.20	New or diverted transmission lines or pipelines?	NO	Not Applicable
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	NO	Not Applicable
1.22	Stream crossings?	NO	Not Applicable
1.23	Abstraction or transfers of water from ground or surface waters?	YES	The daily water demand is only 3.0 KLD. The domestic water demand is met from the village panchayat KHAMIDANA through tanker supply. The level of ground water table is of the area is about 20 m (in rainy season) to 30 m (in dry season). Thus, ground water table is not encountering during working in the mine.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	NO	During mining no alteration or changes in the passage route of river.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	YES	Minerals GREVAL is being transported in tractors & trucks by road to consumers. Workers are from nearby villages on their convenience.
1.26	Long-term dismantling or decommissioning or restoration works?	YES	Whenever achieving 3mtr BGI, from river bed level, mining will not do at all. In restoration/reclamation programme, after 3 mt mining provision of levelling or grading of river bed will be taken. River

			itself carried huge amount of sediment during every monsoon season so there is no reclamation measures existing at mine site.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	YES	In 8 mtr buffer along riparian zone is being planted preferred local plant species. It is checking riparian erosion and creating aesthetic environment of surrounding area. By this project of river sand mining in the area. river is holding more volume of water making to ensure availability of water in nearby area.
1.28	Influx of people to an area in either temporarily or permanently?	NO	Impact is insignificant, as the local people are provided employment. About 15 local peoples are getting employment from this project.
1.29	Introduction of alien species?	NO	Not Applicable
1.30	Loss of native species or genetic diversity?	NO	Not Applicable
1.31	Any other actions?	NO	Not Applicable

2	Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):
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S.No.	Information/Checklist confirmation	Yes/No	Details there of (with approximate quantities/rates, wherever possible) with source of information data
2.1	Land especially undeveloped or agricultural land (ha)	NO	The NEW QUARRY PERMIT area is River bed area (SR.NO - 27,28 AND 29 NE LAGU NADI PATT - UTAVALI RIVER - 5.30.00).
2.2	Water (expected source & competing users) unit: KLD	YES	The daily water demand is only 3.0 KLD. The domestic water demand is met from the village KHAMIDANA.
2.3	Minerals (MT)	YES	River Sand @ 40000 TPM.
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	NO	Not Applicable
2.5	Forests and timber (source – MT)	NO	Not Applicable
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT),energy (MW)	YES	Presently there is no electric power at mine. Diesel will be used on an average 10 LPD. Source Nearest Pump / Depot.
2.7	Any other natural resources (use appropriate standard units)	NO	Not Applicable

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
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S.No.	Information/Checklist confirmation	Yes/No	Details there of (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	Not Applicable
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	NO	The existing mining project will not be affect in occurrence of disease due to transport, handing or production of mineral / GREVAL.
3.3	Affect the welfare of people e.g. by changing living conditions?	NO	The NEW GREVAL MINING PERMIT PROJECT will provide GREVAL for the end use in the local region and is not affecting the welfare of people due to use, storage, transport, handling or production of the mineral.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.	NO	The NEW GREVAL MINING PERMIT PROJECT will not be harmful for the vulnerable groups of the people due to storage, transport, handling or production of the mineral.
3.5	Any other causes	NO	Not Applicable

4	Production of solid wastes during construction or operation or decommissioning (MT/month)		
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S.No.	Information/Checklist confirmation	Yes/No	Details there of (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	YES	Waste comprises of some amount of top soil occurring as alluvium.
4.2	Municipal waste (domestic and or commercial wastes)	NO	Not Applicable
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	NO	Not Applicable
4.4	Other industrial process wastes	NO	Not Applicable
4.5	Surplus product	NO	No surplus product will generate
4.6	Sewage sludge or other sludge from effluent treatment	NO	Not Applicable
4.7	Construction or demolition wastes	NO	Not Applicable
4.8	Redundant machinery or equipment	NO	There will be no redundant machinery or equipment.
4.9	Contaminated soils or other materials	NO	Not Applicable
4.10	Agricultural wastes	NO	Not Applicable
4.11	Other solid wastes	NO	Not Applicable

5	Release of pollutants or any hazardous, toxic or noxious substances to air(Kg/hr)
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S.No.	Information/Checklist confirmation	Yes/No	Details there of (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	Mobile sources like diesel equipments used in the process generate gaseous emission, however it is insignificant as the use of fuel is not be considerable. Proper maintenance of vehicles, loading equipments and machineries reduce the diesel consumption and thereby emissions.
5.2	Emissions from production processes	NO	Not Applicable
5.3	Emissions from materials handling including storage or transport	YES	There will be fugitive emissions generating during material handling transportation, loading and unloading etc. Transportation :- Movement of vehicles like dumper trucks tankers etc. will generate dust particles. Regular water sprinkling on haul road will be suppressing the dust particles and prevent them from getting air-borne. Loading :- Dust emission will be generating as the material will be loaded into dumpers by loader.
5.4	Emissions from construction activities including plant and equipment	NO	There will not be any significant construction activities except for workers rest room and office.
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	YES	Only dust due to transportation and loading of GREVAL. The dust emission will be controlled by adopting suitable measures viz. Water sprinkling, plantation, making enclosures & maintaining roads.
5.6	Emissions from incineration of waste	NO	Not Applicable
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	NO	Not Applicable
5.8	Emissions from any other sources	NO	Not Applicable

6	Generation of Noise and Vibration, and Emissions of Light and Heat:
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S.No.	Information/Checklist confirmation	Yes/No	Details there of (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 generated during operation of Diesel engine of vehicles. Mitigation Measures :- The following measures are adopted to control the noise and vibration: » Proper and regular maintenance of machinery » Earmuffs and earplugs are provided » Periodical medical checkup is being conducted. P.P.E. like earmuffs are provided to the persons exposed to noise levels. » Measures is being taken to contain noise levels up to 75 dB(A)
6.2	From industrial or similar processes	NO	Not Applicable
6.3	From construction or demolition	NO	Not Applicable
6.4	From blasting or piling	NO	Not Applicable
6.5	From construction or operational traffic	NO	There will be no construction existing at mine. Only mining of mineral will be being carried out.
6.6	From lighting or cooling systems	NO	Existing mining will be open cast thus emission of light and heat will be negligible. All the mining operation is being done in day only. No cooling system will be required.
6.7	From any other sources	NO	Not Applicable

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:
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S.No.	Information/Checklist confirmation	Yes/No	Details there of (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	NO	The NEW GREVAL MINING PERMIT PROJECT mine will not be involved handling, storage and use of hazardous materials.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	NO	There will be no risk of contamination of land and water due to discharge of untreated waste water. However, no untreated sewage will be to be discharged in the open land causing the contamination to ground water. The waste water generated is treated in the septic tank followed by soak pit.
7.3	By deposition of pollutants emitted to air into the land or into water	YES	During operation phase there will be emissions generate from loading and unloading and mineral handling, transportation and mobile sources. Dust generation will be controlled by water sprinkling. Hence, no risk of contamination of air, water will be envisaged.
7.4	From any other sources	NO	There will not be any other sources, which will contaminate land and water resources.
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	NO	Not Applicable

8	Risk of accidents during construction or operation of the Project, which could affect human health or the environment
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S.No.	Information/Checklist confirmation	Yes/No	Details there of (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	Not Applicable
8.2	From any other causes	NO	Not Applicable
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	NO	The project is located in seismic zone-III. There is no flood. cloudburst and landslide reported so far. Seismic zone map.

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
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S.No.	Information/Checklist confirmation	Yes/No	Details there of (with approximate quantities/rates, wherever possible) with source of information data
9.1	<p>Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:</p> <ul style="list-style-type: none"> ○ Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) ○ housing development ○ extractive industries ○ supply industries ○ Other 	YES	Roads and transport facility is improved due to frequently available of mine vehicles. Project proponent is organizing regular medical checkup camps and recreational activities. Employment to local people is generated. Overall living standard of nearby people will have positive impact.
9.2	Lead to after-use of the site, which could have an impact on the environment	YES	The mining activities have created positive impact if environment measures are effectively implemented. Greenbelt along riparian zone of 8.0 mtr. have positive impact on surrounding environment.
9.3	Set a precedent for later developments	YES	Mining of mineral is an NEW GREVAL MINING PERMIT PROJECT with rated capacity of @ 40000 TPM and to obtain this, loading of mineral by manual. NEW GREVAL MINING PERMIT PROJECT green belt development will help in increasing the aesthetic beauty of the area.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	NO	The area is free from any disturbances. There are no any industries or development projects in its close proximity.

(III)	Environmental Sensitivity		
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S.No.	Information/Checklist confirmation	Yes/No	Details there of (with approximate quantities/rates, wherever possible) with source of information data
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	NO	Not Applicable
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	NO	Not Applicable
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	NO	Not Applicable
4	Inland, coastal, marine or underground waters	NO	Not Applicable
5	State, National boundaries	NO	Not Applicable
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	NO	Not Applicable
7	Defence installations	NO	Not Applicable
8	Densely populated or built-up area	YES	Nearest village KHAMIDANA (Population 1500 to 2500) is about 1 KM km.
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	YES	All facilities are available at city BARWALA which is 1.80 KM km away from lease area.
10	Areas containing important, high quality or scarce resources.(ground water resources,surface resources,forestry,agriculture,fisheries,tourism,minerals)	NO	Mineral Resources : GREVAL & Gravel is abundantly available in this area. Forest Resources : There is no reserve or protected forests in 10 km radius area. Water Resources : Mostly Surface water bodies (Seasonal) & ground water is the major source of water in this region. Water table is 20 m to 30 m during pre monsoon and post monsoon period respectively. Ultimate working level is above the water table hence will not intersect. Agricultural Resources : Major occupation is agric
11	Areas already subjected to pollution or environmental damage.(those where	NO	Not Applicable

	existing legal environmental standards are exceeded)		
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions) similar effects	YES	The water level in river may fluctuate depending on the rainfall intensity. According to BMTPC Vulnerability Atlas (earthquake), the study area falls in a Zone-III. There is no incidence of landslide but in 2001 a major incidence of earth quake was there. There is no date available flooding of the area.

(III)	Undertaking The aforesaid application and documents furnished here with are true to my knowledge
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Name	PRATAPSANG NARSANGBHAI RATHOD
Designation	LEASE HOLDER
Company	PRATAPSANG NARSANGBHAI RATHOD
Address	AT-CHASHIYANA, TA-DHANDHUKA, DIST-AHMEDABAD
SIGN	