



# JALARAM STONE QUARRY

At. KUMKUVA, Surat Dhulia Road, N.H.No.-6

Tal. Fort-Songadh, Dist. Tapi

Mfg. & Supplier of :- METAL, KAPCHI, GREET & RUBBLE

STD (02624)

(O) 295124

Mo. 94268 84242

Mo. 94268 68818

July , 2019

To,  
The Secretary,  
State Level Expert Appraisal Committee,  
Gujarat Pollution Control Board,  
Paryavaran Bhavan, Sector – 10A,  
Gandhinagar – 382 010

**SUB.: TO CORRECT OUR EC COPY**

**Ref: 1) Copy of EC granted dated 25/03/2015**  
**2) Copy of EC Application submitted dated 25/10/2013**

Respected Sir,

We are a company set-up at Sonarpada (Songadh) for the mining activity of stone at Block No.: 45, Survey No.: 174/1, Village: Sonarpada, Tal: Songadh, Dist.: Tapi, State: Gujarat.

We have been granted EC; No. SEIAA/GUJ/EC/1(a)/141/2015 dated 25/03/2015 for M/s. JALARAM STONE QUARRY.

In our application we had applied EC for the rate of production 50,000 MT/Year & you had granted EC rate of production 950 MT/Month So, we request to do correction in our EC & finally mention production of 4166.66 MT/Month or 50,000 MT/Year & same as given below table.

SR. NO.	NAME OF APPLICANT & ADDRESS	LEASE AREA	EC APPLIED TO THE COMMITTEE	EC GRANTED BY THE COMMITTEE	REQUEST TO CORRECT EC COPY
1	M/s. Jalaram Stone Quarry Block No.45, Survey No. 174/1, Sonarpada, Songadh, Tapi	01-75-50 Ha	Production: Rate of Mining- 50000 MT/Year	Production: Rate of Mining- 950 MT/Month	Production: Rate of Mining- 50000 MT/Year OR 4166.66 MT/Month

We hope that you have satisfied from us & may humbly request you to do correction in our EC & oblige us.

Thanking You,

Yours faithfully,

For, Jalaram Stone Quarry

  
(Partner)

Encl: As above

STATE LEVEL ENVIRONMENT  
IMPACT ASSESSMENT  
AUTHORITY  
GUJARAT



N.K.PATEL  
MEMBER SECRETARY  
SEIAA (GUJARAT)

Government of Gujarat

No. SEIAA/GUJ/EC/1(a)/૩૫૩ /2015

Date: 25 MAR 2015  
Time Limit

Sub: Environment Clearance for for mining of Basalt Stone of M/s Jalaram Stone Quarry [Lease Area: 01-75-50] at Block Number: 45, Survey No. 174/1, Village: Sonarpada, Taluka: Songadh, Dist: Tapi District -State: Gujarat.....Mining project in Category 1 (a) of the Schedule of the EIA Notification, dated 14/9/2006.

Dear Sir,

This has reference to 24 applications seeking environmental clearance for mining of Basalt Stone (Blac ktrap) from the Department of Geology & Mining, Gandhinagar along with the information in specified performa endorsed by the Geologist of Tapi district, which is also duly verified by the Office of the Commissioner, Geology & Mining, Gandhinagar.

The brief information submitted by Commissioner, Geology & Mining, Gandhinagar as follows:

Sr No	Name of Applicant	Survey No.	Village	Taluka	Lease Area in Hectare	Rate of Mining (MT/ Month)	Distance of nearest Village
1.	Jalaram Stone Quarry	Block No:45, S.No.174/1	Sonarpada	Songadh	01-75-50	950	Sonarpada - 1.97 k.m

A lease area of this proposal is less than 5 Ha and being mining projects they fall under project / activity no. 1(a) of the Schedule of the EIA Notification, 2006. As individual lease area of each of the proposals is less than 50 Hectare, they fall under category B.

Since the project was categorized as 'B2', it does not require Public Consultation as per Para 7(i) III. Stage (3) (e) of EIA Notification, 2006.

The SEAC, Gujarat had recommended 24 proposals to the SEIAA based on SEAC meeting held on dated 30.09.2014 where Assistant Geologist, Tapi District, Geology and Mining Department called for presentation and based on discussion SEAC Gujarat sent their recommendation for 24 proposals on dated 26.11.2014 to SEIAA to grant the Environment Clearance to these mining projects.

The proposal was considered by SEIAA, Gujarat in its meeting held on 06.02.2015 at Gandhinagar. After detailed deliberation and careful consideration, SEIAA hereby accords individual Environmental Clearance to above project under the provisions of the EIA Notification dated 14<sup>th</sup> September, 2006 subject to compliance of the following conditions.

**SPECIFIC CONDITIONS:**

1. Project proponent shall comply with all the guidelines and notifications issued by MOEFCC, New Delhi regarding cluster policy as part of compliance of orders of Hon'ble National Green Tribunal time to time.
2. If lease area of project proponent falls in the cluster and total borrowed area of the cluster fall under category B1 or A, as per the prevailing guidelines of MoEFCC, New Delhi, all the concerned procedures shall be followed up accordingly for compliance of Environmental Laws/Notifications/Rules and under such circumstances project proponent shall extend all support including financial contribution or otherwise also for compliance of environmental Laws/Notifications/Rules such cluster.
3. If lease area of applicant falls in the cluster and total borrowed area of the cluster fall under category B1 or A, EIA study shall be carried out for the said cluster as decided by the competent authority and EMP for the cluster shall be prepared based on outcome of the EIA study. In such a case, all the suggestions/recommendations of EIA/EMP prepared for the cluster shall be complied within a letter and spirit by the project proponent(s) including lease holders who have already been accorded Environmental Clearance.

4. No mining shall be undertaken outside the area specified in this Environmental Clearance.
5. Any change in lease area (Individual/cluster), survey number, entailing capacity addition with change in mining technology, modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 as amended time to time.

#### **CONDITIONS:**

##### **A.1 WATER:**

6. The project proponent shall obtain necessary prior permission of the competent authorities for withdrawal of requisite quantity of water (surface water and/or ground water) required for the project.
7. Mining operation shall not intersect ground table and hence there shall not be any water / wastewater discharge from mining operations.
8. Garland Drains, setting tank and Catch drains of appropriate size, gradient and length shall be constructed around the excavated mine, mineral dumps, reject dumps to prevent silt and sediments flowing into any water body.
9. Domestic wastewater shall be disposed off through septic tank - soak pit.

##### **A.2 AIR:**

10. Effective safeguards, such as regular water sprinkling shall be out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points.
11. Drills shall either be operated with dust extractors or equipped with water injection system (wet drilling) to suppress air borne dust during drilling.
12. Only controlled blasting shall be practiced with all necessary care. Blasting operation shall be carried out only during the day time.
13. Internal roads shall be either paved properly or sprinkled with water at regular intervals for controlling fugitive emission during vehicular movement. Trees of native species shall be developed along both sides of internal road/s in order to contain dust.
14. Vehicles shall not be overloaded and mineral transportation shall be done only through covered trucks so that no spillage of mineral / dust take place.
15. Vehicles used in mining operations shall be maintained well so as to keep vehicular emissions in control.
16. Fugitive emission in work place ambient air shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities.
17. Ambient air quality shall be monitored at site and the nearest human habitation and it shall conform to the norms prescribed by the MoEF, Govt. of India.

##### **A.3 OVER BURDEN / REJECTS / HAZARDOUS WASTE:**

18. The project proponent shall strive to adopt zero waste mining concepts by reducing the quantum of reject through technological innovation or finding the use of fines through perspective buyers.
19. Top soil from the mining area shall be scrapped, stacked separately, preserved and utilized for the plantation work.
20. Overburden, waste rock and non-saleable mineral generated during prospecting or mining operations shall be stored separately in properly formed dumps on grounds earmarked. Slope and height of such dumps shall be restricted adequately to prevent any slippage of material. Such dumps should be properly terraced, stabilized and secured at toe to prevent the escape of material that may cause degradation of the surrounding land or silting of water courses.
21. Overburden or other rejects shall be backfilled into the worked out quarry so far as possible with a view to restore the land to its original use or desired alternate use.
22. Used oil / waste oil, if any, generated shall be sold only to the registered recyclers. In case of generation of hazardous waste, the project proponent shall strictly comply with the provisions of Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008, as may be amended from time to time.

##### **A.4 SAFETY:**

23. Only controlled blasting shall be performed with all necessary care for protection of public, workers and property from fly rock and vibration risks.
24. Blasting shall be done in such a manner to prevent formation of big size boulders and thereby to minimize need for secondary blasting.
25. When blasting is done, it shall be ensured that the persons have moved out of buildings and away from the danger zone. At the time of blasting, a guard shall be posted on either side of the road to warn the passers.
26. Explosives for blasting shall be used only after taking requisite permission from the Director General of Mines Safety, Government of India. All necessary safety measures shall be taken and requisite license shall be obtained for storage of explosives.

27. Anti-vibration devices shall be provided to vibrating tools / equipments to be used by workers during mining. Vibrations shall be maintained within safe limit.
28. All the precautions are to be observed as per Reg. 106 of MMR, 1961 for safety and security. Face masks, helmets, safety shoes etc. shall be provided to all the workers working in the mining areas and its usage shall be ensured and supervised.
29. First Aid Box should be made readily available at the site.
30. Occupational health surveillance of workers shall be undertaken periodically by a doctor who is expert in occupational health and hygiene and its records shall be maintained.
31. Information regarding occupational mine diseases caused due to air pollution and its preventive measures shall be displayed at site in vernacular language for workers.

#### **A.5 NOISE:**

32. Noise level in and around the lease area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulation, hoods, silencers, enclosures etc. on all sources of noise generation. Ambient noise level shall conform to the standards prescribed under the Environment (Protection) Act & Rules, 1986.

#### **A.6 GREEN BELT DEVELOPMENT:**

33. Green belt shall be developed in periphery of the lease area as per the CPCB guidelines and strictly as per the time schedule. The green belt should comprise of rows of varying height native trees with thick foliage.
34. Drip irrigation system shall be used for the green belt development within the premises.

#### **B. OTHER CONDITIONS:**

35. This Environmental Clearance does not confer any right to the project proponent on the land proposed for lease and all necessary statutory clearances / permissions shall be obtained from respective department before start of mining operations.
36. Mining operation shall be restricted to above ground water table and it shall be ensured that it does not intersect ground water table.
37. The project proponent shall ensure that no natural water course gets obstructed due to mining operations.
38. The pits left unfilled in lease area shall be converted to water body. Higher benches of excavated void/mining pit shall be terraced and its slope shall be made gentler for easy accessibility to the water body.
39. No mining shall be carried out in the safety zone of any bridge / embankment and in the vicinity of natural / manmade archeological sites.
40. No wildlife habitat shall be infringed and in addition to that before issuing the mining lease, it has to be ensured that no wildlife moments shall be existing in the lease area proposed for mining.
41. A booklet containing the Dos and Don'ts shall be prepared in vernacular languages for the use of site in-charge and workers to ensure that all necessary environmental, safety and health measures are undertaken.
42. Funds earmarked for environmental protection measures shall be kept in a separate account and shall not be diverted for other purpose. Records of year wise expenditure shall be maintained.
43. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
44. Half yearly compliance reports on the conditions stipulated hereinabove shall be submitted to the SEIAA, State Pollution Control Board and the Regional Office of the Ministry of Environment and Forests, Bhopal, on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year by individual project proponent.
45. The project proponent shall have to comply with the provisions of Gujarat Minor Mineral Concession Rules (GMMCR) as and when amended by the State Govt. with respect to the provisions for approval of mining plan, EMP for cluster, creation of separate corpus, etc. in view of the recommendations made by the MoEF in its report of March 2010 and the model guidelines framed by the Ministry of Mines.
46. The project proponent shall have to get their Mining Plan approved by the competent authority, within a period of one year from the date of grant of environmental clearance.
47. Decisions/Directions of Hon'ble Court and Hon'ble National Green Tribunal given in the matter of minor minerals shall be binding on the project proponent.
48. The Individual project proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.

49. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
50. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
51. The project proponent in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986 and Hazardous Wastes (Management Handling and Transboundary) Rules, 2008 along with their amendments and rules.
52. The environmental clearance is being issued without prejudice to the action, if any, initiated under the E.P. Act or any court case, if any, pending in the court of law and it does not mean that the project proponent has not violated any environmental laws in the past. This clearance does not give immunity to the project proponent for the case, if any, filed against him in any court of law or action initiated under the E.P. Act.
53. Precise mining area shall be jointly demarcated at the site by officials of Mining / Revenue Department prior to mining operations. Records of such site plan, duly verified by competent authority shall be maintained.
54. The project proponent shall carry out activities under CSR in consultation with the District Development Officer / District Collector.
55. Project proponent shall ensure that Mining Plan of the proposed project will be prepared and approved by the competent authority within a period of one year from the date of grant of environmental clearance.
56. Geology and Mining Department will take all measures to comply with all the conditions stipulated in this Environmental Clearance and all the conditions stipulated in this clearance shall be incorporated while granting lease to individual lease holder.
57. This clearance is issued with respect to only environmental considerations and it does not imply that SEIAA approved the way by which lease is granted to the project. While granting lease, the concerned authority shall ensure compliance of relevant Rules, Regulations, Notifications, Government Resolutions, Circulars, Judgments / Orders of Hon'ble Courts and NGT, etc.
58. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

With regards,  
Yours sincerely,

*N.K. Patel*  
(N.K.PATEL)  
Member Secretary

Issued to:

**Jalaram Stone Quarry**  
**Block No. 45/1, Survey No. 174/1, Sonarpada**  
**Sonagadh, Dist: Tapi**

Served Through: The Geologist / Asst. Geologist, Geology & Mining Div., Collector Office, Tapi District

Copy to:-

1. The Secretary, SEAC, C/O. G.P.C.B. Gandhinagar - 382010.
2. The Commissioner, Geology & Mining, Block No. ½, 7<sup>th</sup> Floor, Udyog Bhavan, Sector - 11, Gandhinagar.
3. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar, New Delhi-110032
4. Zonal Officer, Central Pollution Control Board, Parivesh Bhavan, Opp Ward Office, Ward Number 10, Subhanpura, Vadadara - 390 023
5. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), E-5, Arera Colony, Link Road-3, Bhopal-462016, MP
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
7. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10 A, Gandhinagar-382010
8. Select File

*Received  
for  
24.12.15/2015  
CPMB: P. Joshi  
94266 84242*

*N.K. Patel*  
(N.K.PATEL)  
Member Secretary



# JALARAM STONE QUARRY

At. KUMKUVA, Surat Dhulia Road, N.H.No.-6

Tal. Fort-Songadh, Dist. Tapi

Mfg. & Supplier of :- METAL, KAPCHI, GREET & RUBBLE

STD (02624)

(O) 295124

Mo. 94268 84242

Mo. 94268 08818

Date : 25 / 10 / 2013

October 25, 2013

To,

The Secretary,  
State Level Expert Appraisal Committee,  
Gujarat Pollution Control Board,  
Paryavaran Bhavan, Sector - 10A,  
Gandhinagar - 382 010

**SUB.: AN APPLICATION FOR GETTING PRIOR ENVIRONMENT CLERANCE FOR STONE MINING ACTIVITY AT OUR UNIT SITUATED AT SONGADH, TAPI**

Dear Sir,

We are a company set-up at Sonarpada (Songadh) for the mining activity of stone at B. No. 45, S. No. 174/1, Village: Sonarpada, Tal: Songadh, Dist: Tapi, State: Gujarat.

As per the latest provision of notification dated: 14<sup>th</sup> Sept. 2006 of MoEF, New Delhi; we are cover under the same i.e. 1(a) category

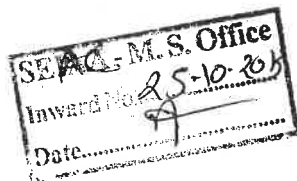
Through, we are herewith applying for Environmental Clearance in prescribed format (One Hard copy & one soft copy) duly filled in, signed & stamped on it and with following documents:

- (1) Form - 1
- (2) Annexure 1 to 18

We hope that you will find all details in proper order and may request you to consider it along with our EC application and grant us the same at the earliest and oblige us.

Thanking You,

Yours Faithfully,



Jalaram Stone Quarry

Partner

**FORM I**

(See Paragraph – 6)

**(I) BASIC INFORMATION**

Sr. No.	Item	Details
1.	Name of the Project	<b>"M/s. JALARAM STONE QUARRY"</b>
2.	S. number in schedule	1(a)
3.	Proposed capacity/area/length/tonnage to be handled/command area/lease area/number of well to be drilled	Existing lease Area: <b>01-75-50 ha</b> Proposed lease area: <b>Nil</b>  Total Mining area, applying for is, <b>01-75-50 ha</b>
4.	New/expansion/modernization	Regularize the existing Stone Mining activity under the EIA Notification-2006 amended on 31/05/2012.
5.	Existing capacity/area etc.	Existing lease Area: <b>01-75-50 ha</b>
6.	Category of project i.e. "A" or "B"	<b>" Category B "</b> [Mining Area < 50 ha]
7.	Does it attract the general condition? If yes please specify	No
8.	Does it attract the specific condition? If yes please specify	No
9.	Location	Block No. 45, Survey No: 174/1, Vil. Sonarpada, Tal: Songadh, Dist: Tapi, State: Gujarat.
	Plot/Survey/Khasra No	Block No. 45, Survey No: 174/1
	Village	Sonarpada
	Tehsil	Songadh
	District	Tapi
	State	Gujarat
10.	Nearest railway station/airport along with distance in Kms.	Ukai-Songadh Railway Station is located <b>2.0</b> Km in SE direction and Surat-Airport is located <b>82.64</b> km in WSW direction.
11.	Nearest town, city, district headquarter along with distance in Kms.	Sonarpada: <b>1.97</b> Km in ESE Songadh: <b>3.11</b> Km in NE Surat: <b>74.69</b> Km in W Songadh Police station: <b>2.85</b> Km in NE Songadh Taluka Panchayat: <b>2.83</b> in NE Songadh Nagarpalika: <b>2.86</b> in NE
12.	Village Panchayat, Zila Parishad, Municipal Corporation, local body (Complete postal address with telephone nos. to be given)	Block No. 45, Survey No: 174/1, Vil. Sonarpada, Tal: Songadh, Dist: Tapi, State: Gujarat. (Mo. No. 9426884272)
13.	Name of the applicant	<b>Mr. Pradipbhai Girjashankar Joshi</b>
14.	Registered address	<b>"M/s. JALARAM STONE QUARRY"</b> Block No. 45, Survey No: 174/1, Vil. Sonarpada, Tal: Songadh, Dist: Tapi, State: Gujarat.

15.	<b>Address for correspondence</b>	As below
	<b>Name</b>	<b>Mr. Pradipbhai Girjashankar Joshi</b>
	<b>Designation</b>	Partner
	<b>Address</b>	<b>"M/s. JALARAM STONE QUARRY"</b> Block No. 45, Survey No: 174/1, Vil. Sonarpada, Tal: Songadh, Dist: Tapi, State: Gujarat.
	<b>Pin code</b>	394670
	<b>E-mail</b>	stonemining.ec@gmail.com
	<b>Telephone</b>	Mob. No: 9426884272 Mob. No: 9099017433
	<b>Fax No</b>	0261-2630097
16.	<b>Details of alternative sites examined, if any. Location of these sites should be shown on a topo sheet</b>	Location of Site shown on Topo sheet is given in <b>Annexure - 3</b>
17.	<b>Interlinked Project</b>	No
18.	<b>Whether separate application for interlinked project has been submitted?</b>	---
19.	<b>If yes date of submission</b>	---
20.	<b>If no, reason</b>	---
21.	<b>Whether the proposal involves approval/clearance under: if yes, details of the same and their status to be given The Forest (Conservation) Act, 1980 The Wildlife (Protection) Act, 1972 The CRZ Notification 1991</b>	No
22.	<b>Whether there is any Government order/policy relevant/ relating to site</b>	The type of land on which mining activity is carrying out is N.A. Government has granted the permission (Quarry lease) for the period of 10 years to extract the Black trap mineral in area of 01-75-50 ha (Quarry lease valid up to 04/11/2014)  Land Possession documents (Copy of 7-12, Partnership deed, power of attorney) are compiled <b>Annexure - 1</b>  Distance certificates from village Talati & Forest Department are attached as per <b>Annexure - 4 (a, b)</b>  The land lease documents (copy of Lease permission & deed, copy of N.A.) are attached as per <b>Annexure - 5</b>
23.	<b>Forest Land involved.</b>	No
24.	<b>Whether there is any litigation pending against the project and / or land in which the project is propose to be set up Name of court Case no Order/directions of the court, if any and its relevance with the proposed project.</b>	No litigation pending

(II) Activity

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

Sr. No.	Information / Checklist Confirmation	Yes / No	Details there of (with approximate quantities / rates. Wherever possible with sources of information data)
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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 pattern)	Yes	The type of land on which mining activity is carrying out is Non Agriculture. Thus, due to the mining activity, there shall be no change in land use after activity. Mining is carried out as per lease approval of District Collector.  The satellite image of mining site is presented as per <b>Annexure – 3</b>  Land use Pattern is presented as per <b>Annexure – 14</b>
1.2	Clearance of existing land, vegetation and building	No	Not Require
1.3	Creation of New land Uses?	No	No any new land uses except new green belt plan.
1.4	Pre-Construction Investigations e.g. Bore house, Soil testing.	No	Mining is carried out after approval of quarry lease by District collector.
1.5	Construction works?	No	We are applying to regularize the existing stone mining activity set up under the EIA Notification - 2006 amended on 31/05/2012. No additional construction will be carried out.
1.6	Demolition works?	No	Not concerned.
1.7	Temporary Site use for the construction works housing of construction workers?	No	Not required, Local workers are working in mining.
1.8	Above Ground Buildings, structure of earthworks including linear structures, cut and fill or excavations?	No	Only Open cast mining (Semi mechanized) activity is being carried out.
1.9	Underground work including mining and tunneling	No	Open cast mining (Semi mechanized) activity is being carried out.
1.10	Reclamation Work	No	Please refer post mining plan attached as per <b>Annexure – 16</b>
1.11	Dredging?	No	Not concerned
1.12	Offshore structures?	No	Not concerned
1.13	Production and manufacturing processes?	Yes	The data is presented in <b>Annexure – 6</b>
1.14	Facilities for storage of goods or material	Yes	Storage of explosive material (Magazine) is provided as per the guideline of PESO.  The detail of black trap storage area & Explosive storage is given in <b>Annexure – 7 (a)</b>  A copy of the Explosive license is attached as per <b>Annexure – 7 (b)</b>  All blasting operations is being carried out by competent person holding shot fire's permit granted by concern authority as per <b>Annexure – 7 (c)</b>
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	Sewage waste is being disposed by allowing into soak pit within the premises. No solid waste to be generated.

1.16	Facilities for long term housing operational workers?	No	No such facilities required due to local workers are working in mining.
1.17	New road, rail, or sea traffic during construction or operations?	No	No new roads required as existing road have enough capacity to transport mining minerals.  The detail of road condition & its width is summarized as per Annexure – 3(Access Road Map)
1.18	Closure or diversion of existing transport routes or infrastructures including new or altered routes and station, port, airports etc.?	No	Not Required
1.19	Closure or diversion of existing transport routes or infrastructures leading to changes in traffic movement.	No	Not Required
1.20	New or diverted transmission lines or pipelines	No	Not Required
1.21	Impoundment, Damming, Culverting, realignment or other change to the hydrology of watercourses or aquifers	No	Not Concerned
1.22	Stream crossing?	No	Not Concerned
1.23	Abstraction or transfer of water from ground or surface waters?	Yes	Please refer Annexure – 8
1.24	Changes in water bodies or the land surfaces affecting drainages or runoff?	No	Hydrology map of this area is attached as per Annexure – 13  Controlled blasting is being done. No changes in underground water flow pattern.
1.25	Transport of personnel or materials for construction operation or decommissioning?	No	Not Concern
1.26	Long – term Dismantling or decommissioning or restoration works?	No	Over-Burden material has been stored within the mining area/premises & which will be refilled.  The detail of post mining plan is attached as per Annexure – 16
1.27	Ongoing activity during decommissioning which could have an impact on the environment	No	Not concerned
1.28	Influx of people to an area in either temporarily or permanently	No	Not required
1.29	Introduction of Alien Species?	No	Not concerned
1.30	Loss of native species or genetic diversity?	No	Not Concerned
1.31	Any other actions?	No	None

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

Sr. No.	Information / Checklist Confirmation	Yes / No	Details there of (with approximate quantities / rates. Wherever possible with sources of information data)
3.1	Use of substance or material which are hazardous (as per MSIHC rules) to human health or the environment (Flora, Fauna and water supplies.	Yes	Yes, explosives materials are utilized for blasting. MSDS of blasting material is summarized in Annexure – 15 Impacts of blasting activity on Air quality & noise are mentioned in Annexure – 9 & 10
3.2	Change in occurrences of diseases or affect diseases vectors (e.g. insect or water borne diseases)	No	Adequate storage facility is proposed. Adequate PPE's provided during its handling.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	Local people are got employment. Due transportation, more than 05 people will get indirect job. Please refer CSR activity as per Annexure – 17
3.4	Vulnerable group of people who could be affected by the project e.g. hospital patients, children, the elderly etc.	No	Distance from; <b>Nearest hospital</b> ⇒ Government Hospital, Songadh: 2.95 Km in NE ⇒ Sarthak Hospital, Songadh: 3.12 Km ENE <b>Nearest school</b> ⇒ Sarvajanik High School, Songadh: 3.27 Km in NE ⇒ Nutan Vidhya Mandir, Songadh: 3.81 Km in NE <b>Nearest population</b> ⇒ Sonarpada: 1.97 Km in ESE ⇒ Songadh: 3.11 Km in NE The magnitude of impact on said group of people would not be significant.
3.5	Any others	Yes	Due to transportation of material a short term impact on road side pollution is occurring. This impact is reduced by taking effective measures as mentioned in Annexure – 9 & 10

a. Production of solid wastes during construction or operation or decommissioning (MT/Month)

Sr. No.	Information / Checklist Confirmation	Yes / No	Details there of (with approximate quantities / rates. Wherever possible with sources of information data)		
4.1	Spoil, over burden or mine wastes	Yes	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><b>Over Burden (M<sup>3</sup>)</b></td> </tr> <tr> <td style="text-align: center;">35,100</td> </tr> </table>	<b>Over Burden (M<sup>3</sup>)</b>	35,100
<b>Over Burden (M<sup>3</sup>)</b>					
35,100					
4.2	Municipal waste (Domestic and or commercial wastes)	Yes	Please refer Annexure – 11		
4.3	Hazardous waste (as per Hazardous waste Management Rules)	No	No hazardous waste is generated due to mining activity.		
4.4	Other Industrial process waste	No	Not Applicable		
4.5	Surplus Product	No	N/A		

2. Use of natural resources for construction or operation of the project (such as land water, material or energy, especially any resources which are nonrenewable or is short of supply):

Sr. No.	Information / Checklist Confirmation	Yes / No	Details there of (with approximate quantities / rates. Wherever possible with sources of information data)												
2.1	Land especially underdeveloped or agricultural land (ha)	No	Land on which the project activities is being carried out is N.A. & owned by the partners of "M/s. JALARAM STONE QUARRY"  The land possession documents & Land lease documents are attached in to Annexure – 1 & 5  The detail regarding Geology of the area is presented in Annexure – 12												
2.2	Water (expected sources & competing users) unit KLD	Yes	Please refer Annexure – 8												
2.3	Mineral (MT)	Yes	Extraction of the Black trap mineral @ 50,000 Mt/Yr For, Mining area of 01-75-50 ha  <table border="1"> <thead> <tr> <th>Lease Area</th> <th>Location</th> <th>Rate of Production (MT/Yr.)</th> <th colspan="2">Mineral Reserve (MT)</th> <th>OB (M<sup>3</sup>)</th> </tr> </thead> <tbody> <tr> <td>01-75-50 ha</td> <td>Block No. 45, S. No. 174/1, Sonarpada, Songadh, Tapi</td> <td>Approx. 50,000</td> <td>Total Reserve Approx. 21, 62,160 (For, Ultimate Depth: Approx. 80 Mtr.)</td> <td>Mineable reserve Approx. 18,91,890 (For, Depth: Approx. 70 Mtr.)</td> <td>Approx OB: 35,100 (2 mtr.)</td> </tr> </tbody> </table>	Lease Area	Location	Rate of Production (MT/Yr.)	Mineral Reserve (MT)		OB (M <sup>3</sup> )	01-75-50 ha	Block No. 45, S. No. 174/1, Sonarpada, Songadh, Tapi	Approx. 50,000	Total Reserve Approx. 21, 62,160 (For, Ultimate Depth: Approx. 80 Mtr.)	Mineable reserve Approx. 18,91,890 (For, Depth: Approx. 70 Mtr.)	Approx OB: 35,100 (2 mtr.)
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2.4	Construction material – stone, aggregates / soil Expected Sources – MT)	No	The product (black Rubble) is raw material for stone crushing unit (used as one of the construction materials) Excluding soil.												
2.5	Forest and timbers (Sources – MT)	No	Not Concerned												
2.6	Energy including electricity and fuels (sources, competing users) Units: fuel (MT), energy (MW)	Yes	Existing Electric Connection of 100 KVA provided by DGVCL.												
2.7	Any other natural resources (use appropriate standard units)	No	---												

4.6	Sewage sludge or other sludge from effluent treatment	No	No sludge is generated.
4.7	Construction and Demolition waste	No	N/A
4.8	Redundant machinery or equipment	No	N/A
4.9	Contaminated of soil or other materials	No	N/A
4.10	Agricultural wastes	No	Nil
4.11	Other Solid waste	No	Not Applicable

**b. Release of Pollutants or any Hazardous, toxic or noxious substances to air (Kg/Hr)**

Sr. No.	Information / Checklist Confirmation	Yes / No	Details there of (with approximate quantities / rates. Wherever possible with sources of information data)
5.1	Emission from combustion of fossil fuels from stationary or mobile sources.	Yes	No D.G. Set proposed. No emission from stationary sources. Only vehicular emission. Please refer Annexure – 9 for sources of emission & its mitigation measures.
5.2	Emission from Production Processes	Yes	Fugitive emission (dust) during the operation of mining activity/Haulage. Please refer Annexure – 9
5.3	Emission from Material Handling including storage and transport.	Yes	Fugitive emission (dust) during the operation of mining activity/Haulage. Please refer Annexure – 9
5.4	Emission from construction activities including plant and equipment	No	Not Applicable
5.5	Dust or odors from handling of materials, sewage waste.	Yes	Domestic effluent is being allowed in U/G Soak Pit through pucca cement pipe within the premises. Fugitive emission (dust) during the operation of mining activity.
5.6	Emissions from Incineration waste	No	Not Concerned
5.7	Emission from burning waste in Open air (e.g. slash materials construction debris)	No	Not Concerned
5.8	Emission from any other sources	No	Not Concerned

**c. Generation of Noise and vibration and Emission of Light and Heat:**

Sr. No.	Information / Checklist Confirmation	Yes / No	Details there of (with approximate quantities / rates. Wherever possible with sources of information data)
6.1	From Operation of equipment e.g. engines, ventilation plant, crushers	Yes	Noise is generated due to transportation.  Please refer Annexure – 10 for sources of emission & its mitigation measures.
6.2	From Industrial or Similar Processes.	No	Not concern

6.3	From Construction and Demolition	No	N.A.
6.4	From Blasting And Pilling	Yes	Noise/ground vibration is generated during blasting. The site is located about 1.97 Km away from the Sonarpada residence area & 3.11 Km Songadh residence area For, mitigation measures please refer Annexure – 10
6.5	From Constructional and operational traffic	Yes	Noise is generated due to transportation which is being minimized as per control measures mentioned in Annexure – 10
6.6	From Lightening and Cooling system	No	N.A.
6.7	From any other sources	No	N.A.

**d. Risk of Contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, ground water, coastal water or the sea:**

Sr. No.	Information / Checklist Confirmation	Yes / No	Details thereof (with approximate quantities / rates. Wherever possible with sources of information data)
7.1	From handling, storage, use or spillage of hazardous materials	No	No hazardous waste is generated.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	Domestic effluent is being allowed in U/G Soak Pit through pucca cement pipe within the premises. No any industrial effluent is being discharged.
7.3	By deposition of pollutants emitted to air, into the land or into water.	No	Only fugitive emission due to project activity. No any industrial effluent is being generated/discharged. No any hazardous waste is being generated.
7.4	From any other sources	No	Not Concerned
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	Adequate measures /guideline is construed /followed up to control noise & fugitive emission due to project activity

**e. Risk of accidents during construction or operation of the project, which could affect human health and environment.**

Sr. No.	Information / Checklist Confirmation	Yes / No	Details thereof (with approximate quantities / rates. Wherever possible with sources of information data)
8.1	From explosion, Spillage, fire etc from storage handling use or production of hazardous substances	Yes	Detail of risk to be involved during operation of activity & its mitigation measures is described in Annexure – 15 (a, b & c)  Blasting is being carried out under strict supervision. Adequate PPEs are provided during drilling & blasting
8.2	From Any other Causes	No	Not Concerned
8.3	Could the project be affected by natural disasters causing Environmental damage (e.g. floods, earth quake, landslides, cloud burst etc.?)	No	No such evidence to be predicted

- f. Factor which should be considered (such as consequential development) which could lead to environment effect or the potential for cumulative impacts with others existing or planned activities in the locality.

Sr. No.	Information / Checklist Confirmation	Yes / No	Details thereof (with approximate quantities / rates. Wherever possible with sources 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.: <ul style="list-style-type: none"> <li>Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.)</li> <li>Housing development</li> <li>Extractive Industries</li> <li>Supply Industries</li> </ul> Others	Yes	Frequency of road transportation will be increased.  Demand in supply industry viz. stone crushing unit will be increased.
9.2	Lead to after use of the site, which could have an impact on the environment	Yes	After mining is over, the said land (excavated/pit/ditches) can be used for various purposes like rain water harvesting, water reservoir, underground storage facility, solid waste disposal areas, etc.  Post Mine Plan is enclosed as per <b>Annexure – 16</b> Environment Management Plan is attached as per <b>Annexure – 18</b>
9.3	Set a precedent for later development	No	Not Concerned.
9.4	Have cumulative effects due to proximity to existing or planned projects with similar effects	No	Only dust emission occur

**4. Environmental Sensitivity:**

Sr. No.	Areas	Name/ Identity	Aerial distance (within 15 Km) Proposed projects location boundary.
1	Areas protected under international conventions, national / local legislation for their ecological, landscape, cultural or other related value.	No	Vansda National Park: <b>46.18</b> Km in S Dandi Eco Sensitive Zone: <b>82.0</b> Km in WSW Purna wild life sanctuary: <b>13.11</b> km in S Shoolpaneshwar wild life sanctuary: <b>47.74</b> Km in N
2	Area which are important or sensitive for ecological reasons – wetlands, water sources or other water bodies, coastal zone, biosphere, mountains, forest.	No	Distance: Tapi River: <b>12.0</b> Km in N Canal: <b>6.43</b> Km in N Ukai Dam: <b>12.0</b> Km in NNE Doswada Dam: <b>4.0</b> Km in SSW

3	Area used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migrations	No	Not Applicable
4	Inland, Coastal, Marine or Underground waters.	No	Arabian Sea 86.56 Km in W
5	State, National boundaries	No	Maharashtra State Boundaries: 5.23 Km in E Dadra & Nagar Haveli Boundaries: 98.55 Km in S
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim area.	No	No, Tourist Spot or Pilgrim located within 10 km area.
7	Define Installation	No	N.A.
8	Densely Populated or Build up Area	No	⇒ Sonarpada: 1.97 Km in ESE ⇒ Songadh: 3.11 Km in NE
9	Area occupied by sensitive man made land uses (Hospitals, schools, places of worship, community facilities)	No	Distance from; <b>Nearest hospital</b> ⇒ Government Hospital, Songadh: 2.95 Km ⇒ Sarthak Hospital, Songadh: 3.12 Km <b>Nearest school</b> ⇒ Sarvajanic High School, Songadh: 3.27 Km ⇒ Nutan Vidhya Mandir, Songadh: 3.81 Km <b>Nearest Temple:</b> ⇒ Ramji mandir, Songadh: 2.89 Km ⇒ Mahadev Temple, Songadh: 2.90 Km ⇒ Sai Baba Mandir, Songadh: 3.21 Km
10	Areas containing important high quality or scare resources (ground water resources, surface resources forestry, agriculture, fisheries, tourism, minerals)	No	No such scare resources are found.
11	Areas already subjected to pollution or environment damage. (those where existing legal environmental standards are exceeded)	No	Noise Quality & Ambient air analysis data will be carried out after monsoon season is over.
12	Areas susceptible to natural hazards which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	No	The area has no history of Flooding- Soil Erosion.  The area is categorized in the seismic zone III which is classified as having a moderate seismic intensity.

**NOTE:** We request you to Hon'ble committee to consider our unit in B – 2 category. "I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.

Date: / /2013

Place:

Signature of the applicant

Mr. Pradipbhai G. Joshi

**Jalaram Stone Quarry**

**Partner**

(Project Proponent/Authorized Signatory)

**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 CRZ.

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/Environmental 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

