EXECUTIVE SUMMARY

For

Public Hearing-14 Sand Ghats
Talukas- Taluka- Kalvan, Deola, Malegaon & Baglan
Nashik District.

Prepared by
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Nashik

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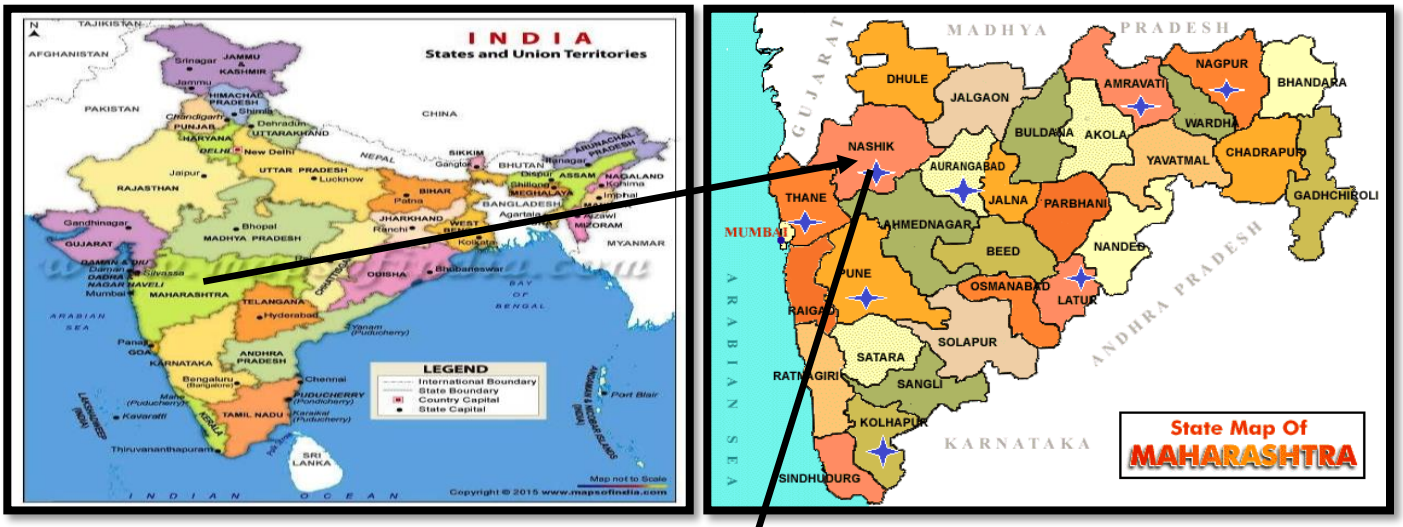
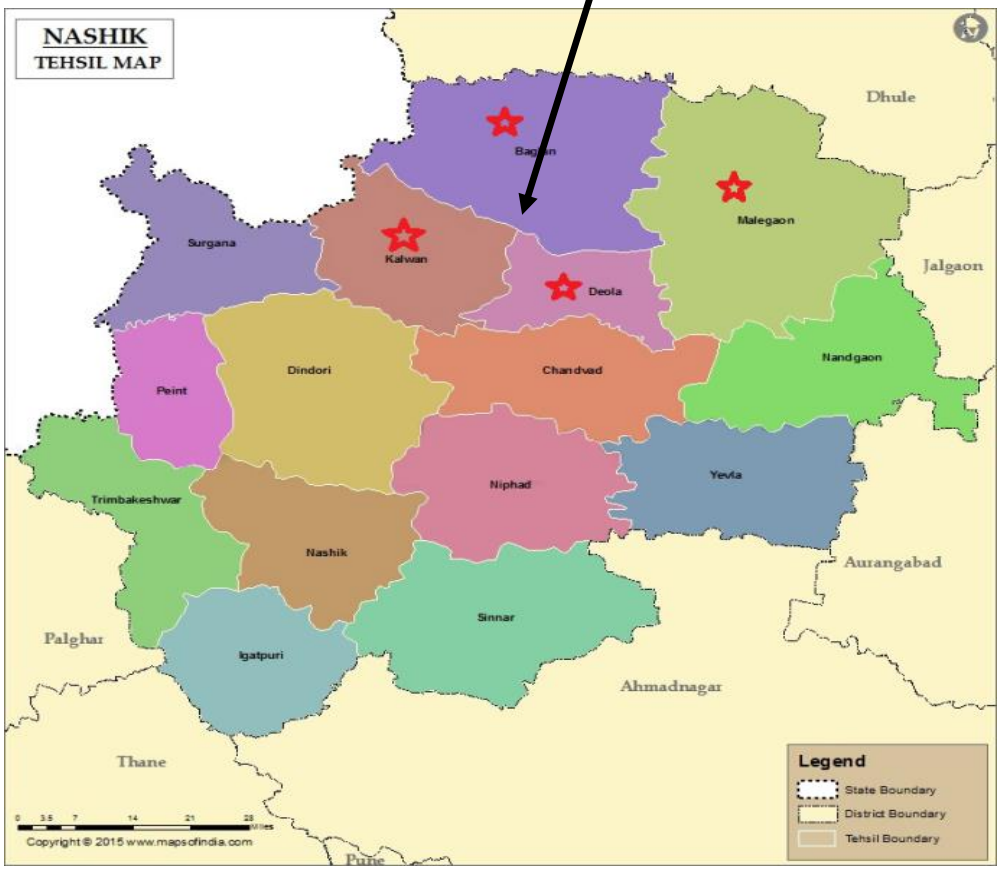
Introduction

- Environmental Clearance is sought for 14 Sand Spots located in Kalvan, Deola, Malegaon, Baglan Nashik District.
- As Per Government of Maharashtra **Letter No: Sankirn- 2019/P.K.01/Ta.K.3** dated Dec 3, 2019, Public Hearing must be conducted for mines less than 5 Hectares.
- M/s. District Mining Office, Nashik, Maharashtra (Govt. of Maharashtra)
- Application in Form-1M, PFR, EMP, DSR for Sand Spots will be submitted along with Public Hearing Proceedings for Environmental Clearance.

Location Map:





1. List of Sand Spots

SAND GHAT LIST NASHIK DISTRICT-2025-2026 & 2026-27 (02-Years)

Sr.No.	Taluka	River	Name of the Sand ghat	Nearest Gut No.	length	Width	Area Ha	GSDA depth	Brass Quantity
1	Kalwan	Girna	Nakode	187,188,199,200	180	60	1.08	0.3	1145
2	Baglan	Girna	Dhandri	9,10,11,19,20,23,24,25,26,27,28,29	180	60	1.08	0.5	1908
3	Deola	Girna	Mahalpatne	502,507,509,522,557,556,565, 497	600	50	3	0.6	6360
4	Deola	Girna	Lohoner 1	955,956, 957, 958, 971, 972, 973	830	50	4.15	0.75	10998
5	Deola	Girna	Sawaki (LO)	292,296,297,298,303,304,305, 322	340	50	1.7	0.5	3003
6	Deola	Girna	Bhaur	648,650,649/A, 649/B 646	450	50	2.25	0.6	4770
7	Deola	Girna	Sawki lohner vithewadi	323, 346, 347	310	40	1.24	0.6	2629
8	Deola	Girna	khamkheda	56, 57/A, 57/B, 36, 62, 37, 38, 42, 46, 52, 53, 54, 55	445	50	2.225	0.5	3931
9	Malegaon	Girna	Aaghar Khu	753, 140, 141, 142, 147, 148, 149, 150, 151, 152, 153, and 221	450	30	1.35	0.35	1670
10	Malegaon	Girna	Nardane	244, 249, 248, 247, 246, 227, 224, 211, 207	300	35	1.05	1	3710
11	Malegaon	Girna	Patne	360 to 363	500	30	1.5	0.35	1855
12	Malegaon	Girna	yesgaon	136, 137, 153, 154, 209	500	22	1.1	0.5	1943
13	Kalwan	Girna	Asoli	80, 81,82 & 83	700	25	1.75	0.3	1855
14	Baglan	mosam	jaykheda	1204,1205,1197,1196,1165,1166,1162,84,1163,85	200	50	1.00	0.5	1766

District Mining Officer Nashik

14.07.2025

2. Mining Methodology

A. Method of Mining: Opencast manual method without drilling & blasting. Only manual labor with hand tools such as spade, ghamelas will be used. Excavation of sand is done from dry river bed only.

The following process is followed for the estimation of sand in sand ghat:

a. The demarcation and benchmarking of the sand ghat is done as per 10m x 10 m interval.

b. Auger driller is used to find out the depth of sand in each grid.

c. Auger driller is used to create the holes in sand ghat using a10m x10m grid pattern.

d. The depth of holes is measured by using measuring tape.

e. After taking all there adings the average depth of sand ghat of the river is calculated in meters.

B. Machinery/Equipment required: Spades, Ghamelas, and Tractor with trolley.

C. Transportation: By tractor trolley from sand spot to stock yard & to consumers.

D. Reclamation: Mined out area will be replenished automatically after the monsoon. Plantation will be carried out along the river bank and along the transport road.

3. Environmental Management Plan

1. Air Pollution Control Measures

- Periodic water sprinkling on the kutcha road used for sand transport.
- Transport of sand by tractor trolleys, trucks covered with tarpaulin.
- Spillage of sand during transport shall be prevented by proper sealing of gaps.
- Plantation will be done along river banks and on free spaces near the sand spots.

4. Noise Control Measures

a. Mining and sand transport will be carried out during the day time only.
b. Noise due to sand transport is expected, periodic maintenance of sand transportation vehicles will be ensured to minimize noise.
c. The speed of sand transport vehicles will be regulated.

5. Water Pollution Control Measures

a. Sand mining will be carried out in dry river bed only.
b. The depth of the mine pit will be maintained above the river water level.
c. River streams will not be diverted to form in active channels.
d. Washing of vehicles in the river will be prohibited.
e. No effluent will be generated from mining activities.
f. Provision of mobile toilets for workers.
g. Mining will be avoided during monsoon and floods which will allow the sand deposit to replenish.

6. Land Environment

a. Sand mining will create temporary pits in the dry river bed, which will be replenished during monsoon.
b. Safety distance of 3meters or 1/10th of the width of the river, whichever is more will be left from both sides of the bank of the river (as per “Sustainable sand mining guidelines”).
c. Waste material like polythene bags, jute bags, etc. will not be allowed to remain/spill in the river bed.
d. Mining will not exceed the allowed extraction capacity.
e. Plantation will be developed along the river bank and nearby free spaces.

7. Green Belt Development Plan

Location of green belt	On the banks of both sides of the lease boundary & Haul Road outside river bed
No. of plants to be planted	500-800 Plants per hectare
Spacing of plants	3m grid interval
Species selected	Native species

Tree species recommended for Plantation

Botanical name	Local name	Importance
Azadirachta Indica	Neem	Neem oil & neem products
Tectona Grandis	Teak	Antibacterial, Antifungal, Antiulcer
Ficus Religiosa	Peepal	Medicinaluse, Fruits & figs
Bambusa Vulgaris	Bamboo	Anthelmintic Anti-inflammatory, Astringent Properties
Madhuca Longifolia	Mahua	Actsasa Stimulant & cough relief

8. Occupational Health Safety Management

- Mine operators will be provided with personal protective equipment.
- Safety helmets and footwear, in addition to ear, eye, and hand protection devices.
- Dust masks will be provided for workers.
- A potable drinking water shelter for mine workers will be provided.
- First aid kit will be provided at the mine site.

9. Conclusion

- Applied 14 Sand Spots located in Nashik District, Kalvan, Deola, Malegaon & Baglan Taluka Maharashtra having lease area of less than 5 Ha, fall under B2 category as per MoEF & CC guidelines.
- Quarries are not likely to cause a significant impact on the environment due to the small scale of mining and will prove beneficial to the nearby community.
- The proposed project would provide indirect employment opportunities to local residents.
- The proposed project will also make a positive contribution to the social infrastructure and overall development of the region.
- All environmental issues like air, water, noise, soil, solid waste management, etc. will be dealt with as per the MoEF & CC guidelines.

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