

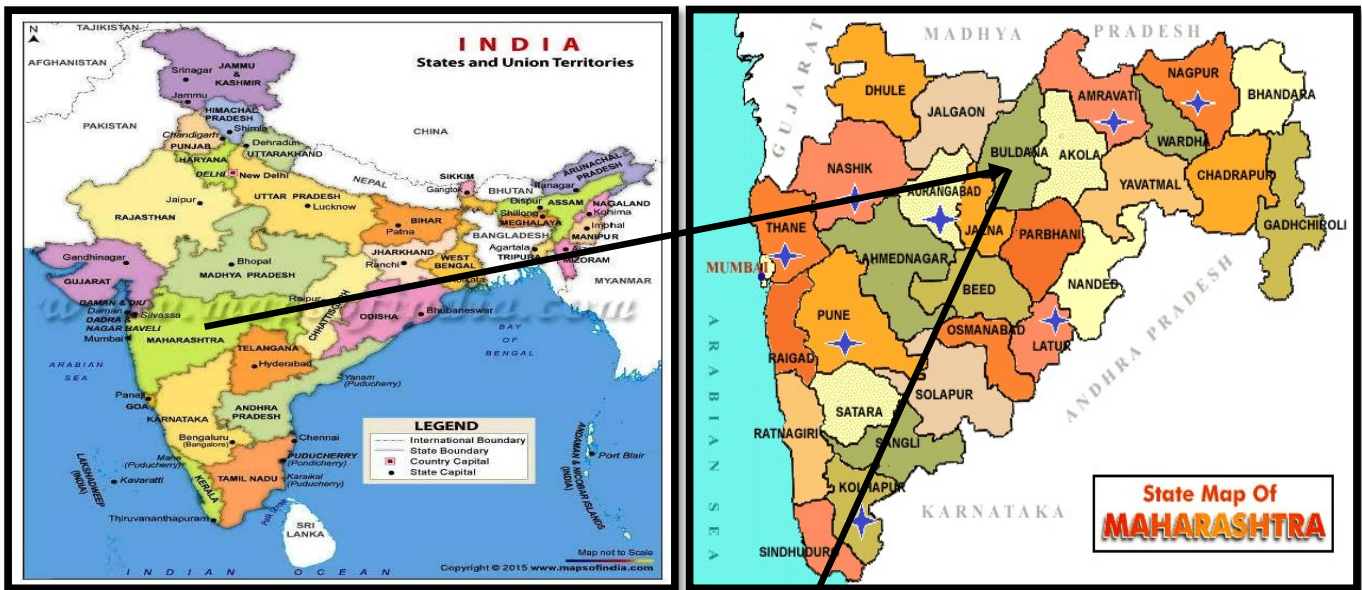
# Public Hearing for 02 District Level Sand Spots, Taluka- Sindkhedraja, Buldhana District,

## EXECUTIVE SUMMARY

### Introduction

- ❖ Environmental Clearance is sought for 02 Sand Spots located in Sindkhedraja, Taluka in Buldhana 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, Buldhana, Maharashtra (Govt. of Maharashtra)
- ❖ Application in Form-1M, PFR, EMP, RA, DSR along with the Approved Mining Plans for Sand Spots will be submitted along with Public Hearing Proceedings for Environmental Clearance.

### Location Map



## List of Sand Spots

Buldhana District Sand Ghat List Of the Year 2023-2024														
Sr. No	Taluk	Name of Grampanchayat	Name of Sand Ghat	River Name	Kharara No / Gut No.	Prepared Sand Ghat in mtr.			Area in SQ.	Quantity in CUM	Quantity in Brass	Total Quantity for 3 year	Area in HA	Offrot Price (Rs)
						Length	Width	Depth						
1	Sindkhedraja	Nimqan vayal	Nimqan vayal	Khadakpurna	Nimqan vayal-223,224,233 to 238,247,248 & 250	400	40	2.1	16000	33600	11873	35618	1.60	71,23,800/-
2	Sindkhedraja	Raheri Khurd	Raheri Khurd	Khadakpurna	Raheri Khurd-10,193,192,190,189	300	60	2	18000	36000	12721	38163	1.80	76,32,600/-

## 1. Mining Methodology

2. **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 riverbed only.

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

- ❖ The demarcation and benchmarking of the sand ghat is done as per 10m x 10m interval.
  - ❖ Auger driller is used to find out the depth of sand in each grid.
  - ❖ Auger driller is used to create the holes in sand ghat using a 10mx10m grid pattern.
  - ❖ The depth of holes is measured by using measuring tape.
  - ❖ After taking all the readings the average depth of sand ghat of the river is calculated in meters.
3. Machinery / Equipment required: Spades, Ghamelas, and Tractor with trolley.
  4. Transportation: By tractor trolley from sand spot to stockyard & to consumers.
  5. Reclamation: Mined out area will be replenished automatically after the monsoon. Plantation will be carried out along the riverbank and along the transport road.

## 6. 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 riverbanks and on free spaces near the sand spots.

### 2. Noise Control Measures

- ❖ Mining and sand transport will be carried out during the daytime only.
- ❖ Noise due to sand transport is expected, periodic maintenance of sand transportation vehicles will be ensured to minimize noise.
- ❖ The speed of sand transport vehicles will be regulated.

### 3. Water Pollution Control Measures

- ❖ Sand mining will be carried out in dry riverbed only.
- ❖ The depth of the mine pit will be maintained above the river water level.
- ❖ River streams will not be diverted to form inactive channels.
- ❖ Washing of vehicles in the river will be prohibited.
- ❖ No effluent will be generated from mining activities.
- ❖ Provision of mobile toilets for workers.

- ❖ Mining will be avoided during monsoon and floods which will allow the sand deposit to replenish.

#### 4. Land Environment

- ❖ Sand mining will create temporary pits in the dry riverbed, which will be replenished during monsoon.
- ❖ Safety distance of 3 meters 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”).
- ❖ Waste material like polythene bags, jute bags, etc. will not be allowed to remain/spill in the riverbed.
- ❖ Mining will not exceed the allowed extraction capacity.
- ❖ Plantation will be developed along the riverbank and nearby free spaces.

#### 5. Green Belt Development Plan

<b>Location of greenbelt</b>	On the banks of both sides of the lease boundary & Haul Road outside riverbed
<b>No. of plants to be planted</b>	500-1155 Plants per hectare
<b>Spacing of plants</b>	3 m grid interval
<b>Species selected</b>	Native species

#### Tree species recommended for Plantation

<b>Botanical name</b>	<b>Local name</b>	<b>Importance</b>
Azadirachta Indica	Neem	Neem oil & neem products
Tectona Grandis	Teak	Antibacterial, Antifungal, Antiulcer
Ficus Religiosa	Peepal	Medicinal use, Fruits & figs
Bambusa Vulgaris	Bamboo	Anthelmintic Anti-inflammatory, Astringent Properties
Madhuca Longifolia	Mahua	Acts as a Stimulant & cough relief

## 6. 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.

## 7. Conclusion

- ❖ Applied 02 Sand Spots located in Buldhana District, Sindhkhedraja, 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.



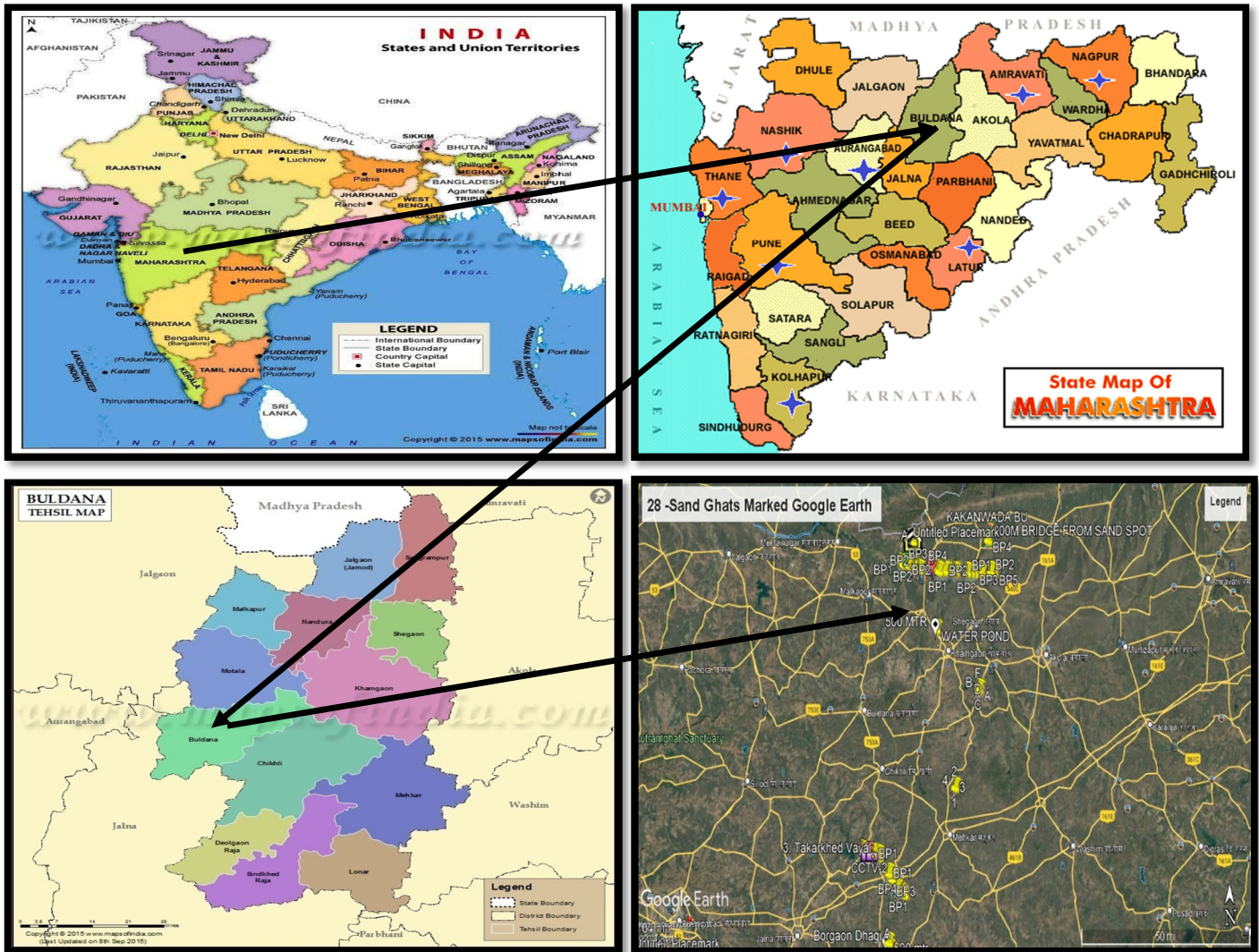
# Public Hearing for 27 District Level Sand Spots, Buldhana District,

## EXECUTIVE SUMMARY

### Introduction

- ❖ Environmental Clearance is sought for 27 Sand Spots located in Deulgaonraja, Sindhkhedraja, Lonar, Jalgaonjamod, Sangrampur and Shegaon Talukas in Buldhana 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, Buldhana, Maharashtra (Govt. of Maharashtra)
- ❖ Application in Form-1M, PFR, EMP, RA, DSR along with the Approved Mining Plans for Sand Spots will be submitted along with Public Hearing Proceedings for Environmental Clearance.

### Location Map



# List of Sand Spots

## Buldhana District Sand Ghat List Of the Year 2023-2024

Sr. No	Taluka	Name of Grampanchayat	Name of Sand Ghat	River Name	Khasara No / Gut No.	Proposed Sand Ghat in mtr.			Brass in quantity	Area in HA	
						Length	Width	Depth			
1	Deulgaon Raja	Takarkhed bhagile and deulgaonmahi	Takarkhed bhagile and deulgaonmahi -2	Khadakpurna	Takarkhed Bhagile Gut No. 18,19,20,23,24,31,32,333,34,35,36, 37,38,39 deulgaonmahi part 2- 136,147,151	410	50	3	21731	2.05	
2		Digras bu	Digras bu	Khadakpurna	45, 450,449,448	400	40	3	16961	1.6	
3	Sindkhed Raja	Pimpalgaon Kuda and Tadshivani	Pimpalgaon Kuda and Tadshivani	Khadakpurna	Pimpalgaon Kuda 121, 122, 123, 124, 125,126,141 Tadshivani 104, 107, 108 and 109	300	60	2	12721	1.8	
4		Devkhed-Pimpalgaon Kuda-Linga	Devkhed-Linga	Khadakpurna	Devkhed-3,4,7,19,20,21,26 Linga- 14,25,26,29,30,31	400	60	2	16961	2.4	
5		Sathegaon	Sathegaon	Khadakpurna	Sathegaon Gut No. 9, 10, 11, 36, 35, 37	300	40	1	4240	1.2	
6		Dusarbeed	Dusarbeed	Khadakpurna	290, 295 to 298	250	100	1.5	13251	2.5	
7	jalgav jamod	Mahuli A	Mahuli	Purna	88	450	25	1.5	5962	1.1	
8		Mahuli B	Mahuli	Purna	20,21	255	40	2.9	10452	1.2	
9	shegav	Khatkhed	Dongargaon	Purna	72 to 79, 3 to 7, 80 to 88	680	15	3.6	12975	1.02	
10		Bhastan	Kalvad	Man	12, 14, 145, 147, 148	680	15	3.8	13696	1.02	
11		Kathora	Kathora	Purna	14, 15, 2, 3, 7, 8, 11, 12, 16, 17, 242, 243, 241	1120	15	3.3	19590	1.68	
12		Sagoda	Sagoda	Purna	1 to 5, 193 to 201, 206 to 210, 203, 215 to 218, 220, 222 to 224, 226 to 226	660	16	3.4	12686	1.05	
13	sangrampur	Khiroda	Khiroda	Purna	91 to 101,139,150,151	930	16	2	10515	1.4	
14		Bhavon	Bhon	Purna	28 to 40, 213 to 216	930	16	2	10515	1.4	
15		Paturda	Deoolgaon	Purna		530	20	2	7491	1.06	
16		Takali Pump	Takali Punch	Purna	10, 11, 13, 14, 17, 18, 19, 24, 25, 26, 27, 35, 36	920	15	2	9752	1.38	
17		Takali Pump	Aswand A	Purna	39, 40, 41, 42, 43, 44, 45, 46, 53, 55, 57, 58	760	15	2	8056	1.14	
18		Kakanwada Bu	Bhuikhed	Vaan	2, 7, 9, 10, 4, 15, 16, 17, 18, 19, 49, 50, 51	840	12	2	7123	1.08	
19		Kakanwada Khu	Kakanwada Khu	Vaan	3, 4, 5, 6, 7, 8, 13, 14, 15, 16, 17, 20, 21, 22, 160, 161, 162, 163, 167, 168	850	12	2	7208	1.02	
20		Patoda	Patoda	Purna	260, 269, 272, 273, 281, 282, 283, 284	400	25	0.5	1766	1	
21		Palsoda	Palsoda. A	Purna	10, 11, 12, 13, 14, 17	500	25	0.5	2208	1.25	
22		Palsoda	Palsoda. B	Purna	20, 21, 22, 24, 26, 27, 28, 29, 30, 31, 53, 54, 55, 56, 57	800	20	0.5	2826	1.6	
23		Jigaon	Jigaon	Purna	2, 83, 414, 415, 416	400	30	1.5	6360	1.2	
24		Takali Vatpal	Khedgaon - A	Purna	188, 187, 189, 185, 4, 12	340	30	1	3604	1.02	
25		Lonar	Bhumrala	Bhumrala	Khadakpurna	472, 460, 462, 463, 464	800	30	2.5	21201	2.4
26			Kingaon Jatatu	Khaparkhed Lad - A	Khadakpurna	105, 92, 93, 94, 107, 109, 110, 117, 157, 158, 161, 163, 164, 165, 166, 167	245	45	2.5	9739	1.1
27	Kingaon Jatatu		Khaparkhed - B	Khadakpurna	90, 89, 88, 87, 86, 85, 84	395	45	3	18842	1.77	

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