

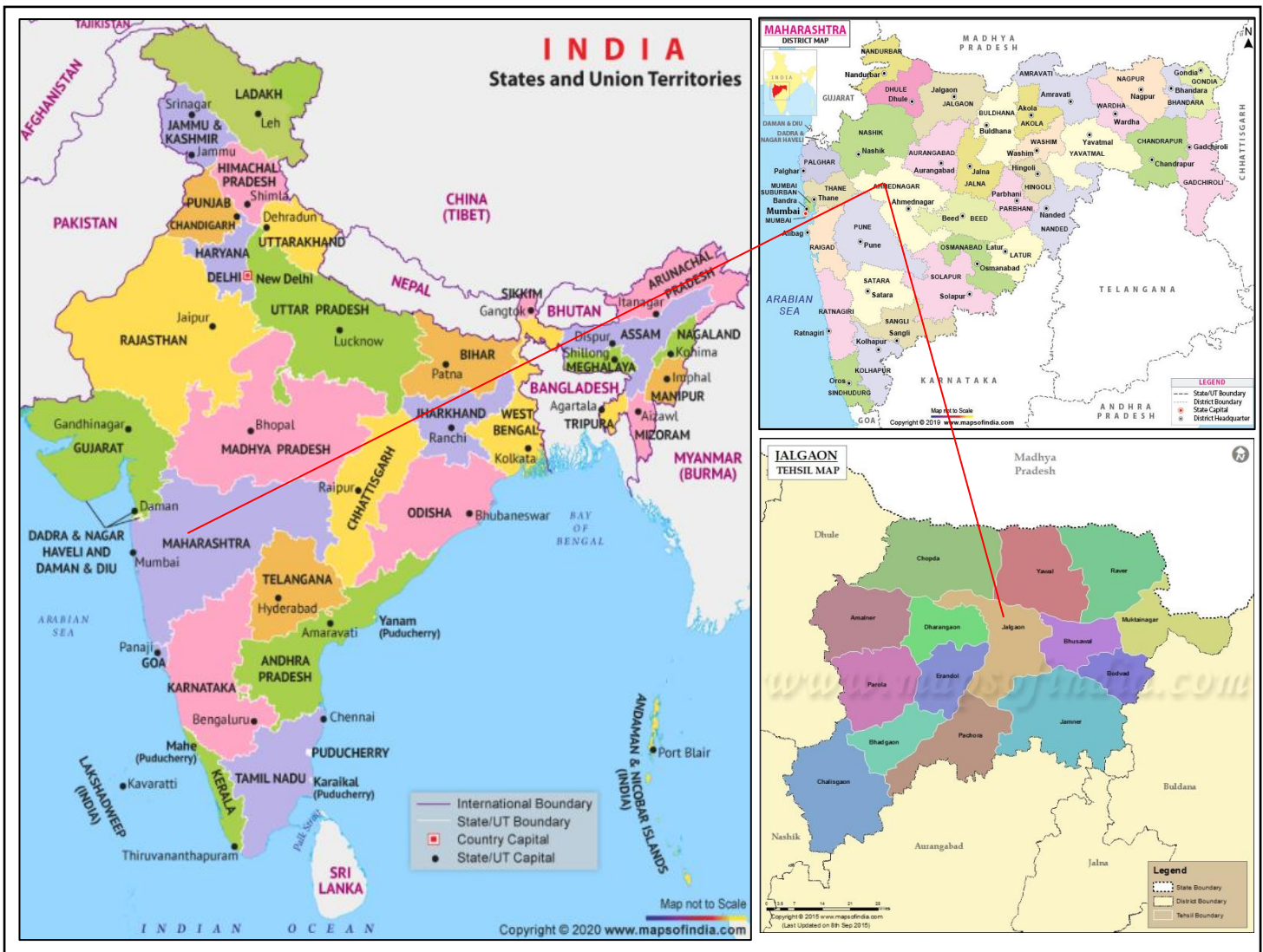
Public Hearing of 14 sand spots of Raver, Dharangaon, Jalgaon, Muktainagar and Amalner Talukas, Jalgaon District, Maharashtra.

EXECUTIVE SUMMARY

1. INTRODUCTION

- ❖ Environmental Clearance is sought fourteen (14) sand spots of Raver, Dharangaon, Jalgaon, Muktainagar and Amalner Talukas, Jalgaon District, Maharashtra.
 - ❖ M/s. Integrated Precision Systems & Services Pvt. Ltd., was awarded work to obtain Environmental Clearances for Sand Spots of Jalgaon by Collector Office, Jalgaon.
 - ❖ Mining plan Approval by DGM Nagpur is completed.
 - ❖ Application in Form-1M, PFR, EMP, RA, DSR along with Approved Mining Plans for Sand Spots will be submitted along with Public Hearing Proceedings for Environmental Clearance.

2. LOCATION MAP



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3. List of Proposed Sand Mines:

S.No	Name of Village /Sand Ghat	Taluka	Name of The River	Gat. No. / Survey No. / Khasra No. Etc.	Length x Width x Depth (m)	Total Area in Ha.	Available Sand in Brass
1	Wadgaon	Raver	Suki	7, 14, 15, 16, 17, 22, 24 & 25	404*25*2.6	1.01	1606
2	Andalwadi	Raver	Suki	355 to 360	402*25*2.7	1	1865
3	Kerhale Bk.	Raver	Bhokar	378 & 332	400*25*2.5	1	1325
4	Dhurkheda	Raver	Tapi	6,12 & 13	405*25*2.6	1.01	1610
5	Patondi	Raver	Bhokar	197, 155, 154, 144 & 141	402*25*2.5	1.01	1332
6	Dodhe	Raver	Tapi	4, 5, 10, 14, 15, 21 & 24	405*25*2.6	1.01	1610
7	Babhulgaon-1	Dharangaon	Girna	9,11 & 12	360*43*2.5	1.54	2051
8	Babhulgaon-2	Dharangaon	Girna	22, 23, 24	795*28*2.5	2.22	2950
9	Bhokar	Jalgaon	Tapi	476, 537, 538 & 540	480*95*3	4.56	12085
10	Palsod	Jalgaon	Girna	161, 162 & 195 Opposite	150*75*3	1.12	2981
11	Pimprinandu	Muktainagar	Tapi	167/P, 168, 169, 170, 171, 165, 158, 157,165,166	355*34*2.5	1.21	1600
12	Pantondi	Muktainagar	Tapi	210, 211, 212	310*50*2.5	1.55	2054
13	Dhavde	Amalner	Tapi	247 & 260	600*60*2.5	3.6	4770
14	Tandil	Amalner	Panzara	289, 286, 293	300*67*3	2.01	5327

4. MINING METHODOLOGY:

- a. **Method of Mining:** Opencast manual method without drilling & Blasting. Only manual labor with hand tools such as spade, Ghamela, will be used. Excavation of sand from dry riverbed only.
- b. **Machinery / Equipment's required:** Spades, Ghamela, 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 monsoon. Plantation will be carried out along river bank and along transport road.

5. ENVIRONMENTAL MANAGEMENT PLAN

a. Air Pollution Control Measures

- Periodic water sprinkling on kutchra 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.

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- Plantation will be carried out along river banks and on free spaces near sand spot.

b. Noise Control Measures

- Mining and sand transport will be carried out during day time only.
- Only noise due to sand transport is expected
- Periodic maintenance of sand transportation vehicles will be ensured to minimize noise
- Speed of sand transport vehicles will be regulated.

c. Water Pollution Control Measures

- Sand mining will be carried out in dry river bed only.
- Depth of the mine pit will be maintained above 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 this will allow the sand deposit to replenish.

d. Land Environment

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

6. GREENBELT DEVELOPMENT PLAN

Location of greenbelt	On the banks of both sides of the lease boundary & Haul Road outside riverbed
Spacing of plants	4 m grid interval
Species selected	Native species

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Tree species recommended for Plantation

Botanical name	Local name	Importance
<i>Azadirachta indica</i>	Neem	Neem oil & neem products
<i>Tectona grandis</i>	Teek	Antibacterial, Antifungal, Antiulcer
<i>Bambusa vulgaris</i>	Bamboo	Anthelmintic Anti-inflammatory, Astringent Properties

7. OCCUPATIONAL HEALTH SAFETY MANAGEMENT

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

8. CONCLUSION

- Applied 14 sand spots of Raver, Dharangaon, Jalgaon, Muktainagar and Amalner Talukas, Jalgaon District, Maharashtra falls under B2 category as per MoEFCC guidelines.
- Quarries are not likely to cause significant impact on the environment due to 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 social infrastructure and overall development of the region.
- All environmental issues like air, water, noise, soil, solid waste management etc will be dealt as per the MoEF&CC guidelines.