

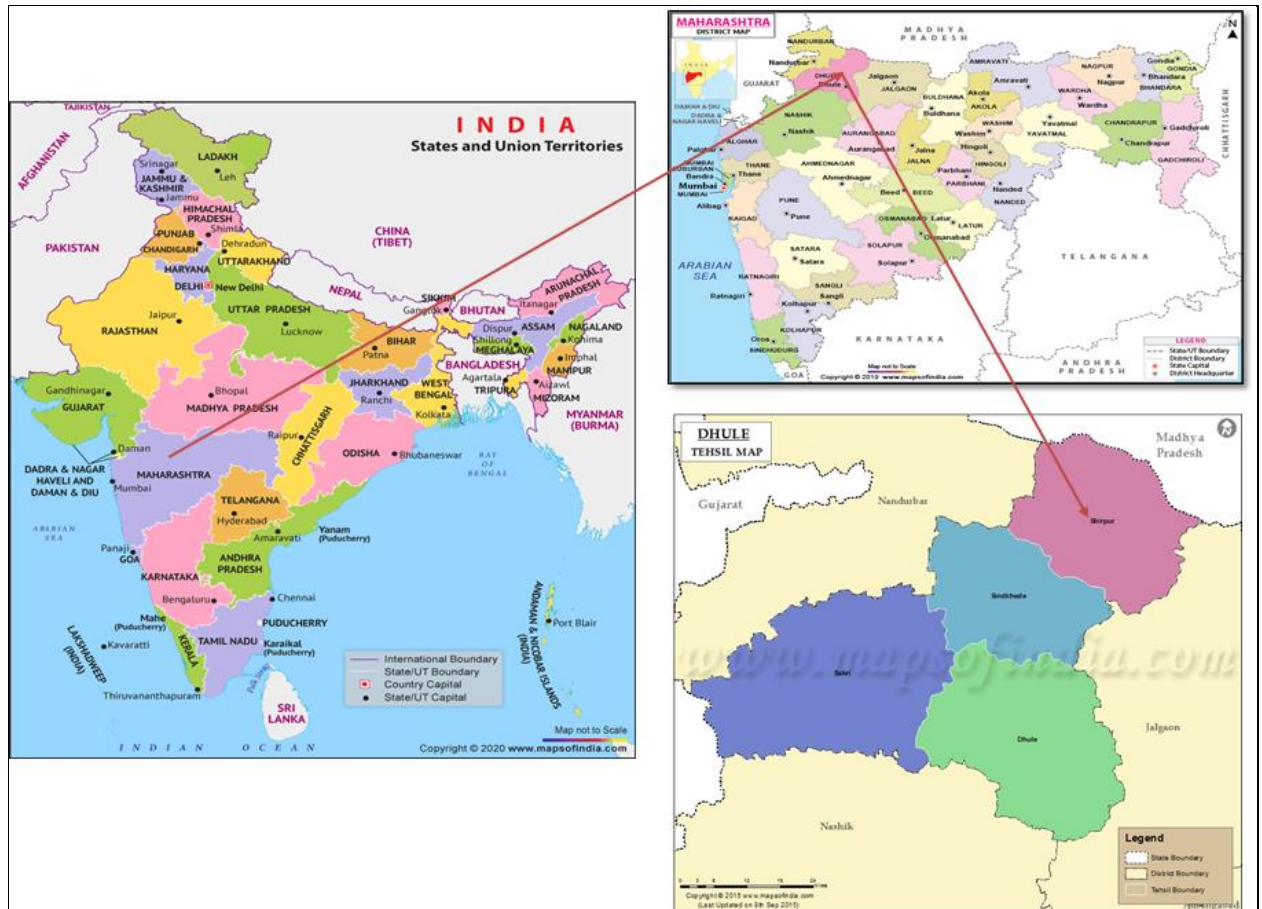
Public Hearing for Upparpind-2 sand spot over an extent of 6.0 ha. at Tapi River Bed Gut. No. 119,108,107,106 & 124, Upparpind Village, Shirpur Taluka, Dhule District, Maharashtra.

EXECUTIVE SUMMARY

1. INTRODUCTION

- ❖ Environmental Clearance is sought for Upparpind-2 sand spot over an extent of 6.0 ha. at Tapi River Bed Gut. No. 119,108,107,106 & 124, Upparpind Village, Shirpur Taluka, Dhule District, Maharashtra.
- ❖ M/s. Integrated Precision Systems & Services Pvt. Ltd., was awarded work to obtain Environmental Clearances for Sand Spots of Bhandara by Collector Office, Bhandara.
- ❖ Mining plan Approval by DGM Aurangabad is under progress.
- ❖ 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



3. MINING METHODOLOGY:

4.1 Method of Mining: Opencast manual method without drilling & Blasting. Only manual labour with hand tools such as spade, Ghamelas, will be used. Excavation of sand from dry riverbed only.

4.2 Machinery / Equipments required : Spades, Ghamela, Tractor with trolley.

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

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

4. ENVIRONMENTAL MANAGEMENT PLAN

5.1 Air Pollution Control Measures

- Periodic water sprinkling on 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 carried out along river banks and on free spaces near sand spot.

5.2 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.

5.3 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.

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- 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.

5.4 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 1/10 th 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 exceeds beyond the allowed extraction capacity.
- Plantation will be developed along river bank and nearby free spaces.

5. GREENBELT DEVELOPMENT PLAN

Location of greenbelt	On the banks of both sides of the lease boundary & Haul Road outside riverbed
Afforestation area/ annum	300 Sq.m /annum
No. of plants to be planted	150 plants
Spacing of plants	2 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>Ficus religiosaa</i>	Peepal	Medicinal Use, Fruits & figs
<i>Bambusa vulgaris</i>	Bamboo	Anthelmintic Anti inflammatory, Astringent Properties
<i>Madhuca longifolia</i>	Mahua	Acts as a Stimulant & cough relief

6. 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.

7. CONCLUSION

- Applied Sand Spots located in Shirpur Tehsil in Dhule District, Maharashtra falls under B1 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.