

EXECUTIVE SUMMARY

1. INTRODUCTION:

Aleshwar Sand Quarry area is situated in Tehsil-Paranda District- Osmanabad, Maharashtra. It is located towards SE of town Aleshwar at khasra No-41 & 42. The Quarry area is located on the Sinariver bed, towards South East of village Aleshwar. The area is approachable from Aleshwar through Aleshwar village Road and the distance is about 0.7 kms towards South East.

The riverbed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 1060 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Aleshwar Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.3ha		
2.	Proposed Production capacity	1060 Brass/Annum		
C	Location Details			
1.	Village	Aleshwar		
2.	Tehsil	Paranda		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude “N”	Longitude “E”
		1	18°24'4.13"N	75°17'46.19"E
		2	18°24'4.01"N	75°17'39.37"E
		3	18°24'3.52"N	75°17'39.37"E
		4	18°24'3.64"N	75°17'46.19"E
6.	Toposheet No.	47N/ 7/ NW		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Sina, there are number of tributes of River Sinais also available in Study Area.		
2.	Nearest Town / City/Village	Nearest Village: Aleshwar is at a distance of 0.77Km towards NW from the Mining area.		
3.	Nearest Railway Station	The nearest railway station is located Jeur Railway Station at		

PFR for Proposed Sand Mining Project of Area 0.3 Ha. at Aleshwar Village, Tehsil – Paranda, District- Osmanabad, State- Maharashtra.

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		a distance of ~ 21.0km in SWdirection from Project Site.
4.	Nearest Airport	Osmanabad Airport,81 km away towards East.
5.	State Boundary	No State boundary passes through the project site
6.	Seismic Zone	Zone – II (Least Active) This is said to be the least active seismic zone.
D	Cost Details	
1.	Total Project Cost	Rs. 33,90,940/-
2.	EMP cost	75,000/-
3.	CER cost	50,000/-
E	Requirements of The Project	
1.	Proposed Water Requirement	2.0 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	20 (Skilled and unskilled persons)
E	Project Description	
1.	Employment generation	8
2.	Water demand	2.0 KLD (0.2: Domestic, 1.0 Dust suppression and 0.8: Green Belt)
3.	Power requirement	No power requirement
4.	Machine/ Equipment	Spades,
5.	Waste water	Domestic waste water, discharge into mobile toilet
6.	Solid waste	Only domestic solid waste, disposed into waste beans.
7.	Tree plantation	90 trees (0.09 ha area)
8.	Mining method	Open cast, manual and day time only
9.	Land ownership	Govt. Land
10.	Land use	Total mineable area will be excavated

1 EXECUTIVE SUMMARY

Awarpimpri Sand Quarry area is situated in Tehsil-Paranda District- Osmanabad, Maharashtra. It is located towards NE of town Awarpimpri khasra No-30 to 34, 1, 2, 3, 151, 21, 147, 148, 146, 29, 28, 27, 4 to 16. The Quarry area is located on the Ulfa river bed, towards South East of village Awarpimpri. The area is approachable from Awarpimpri through Awarpimpri village Road and the distance is about 1.35 km towards North East. The climate of the area is tropical with well-marked summer/ winter and rainy season. The sand available in the lease area (riverbed) shall be mined (raised) by open cast method of mining.

The riverbed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 1590 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

The mining will be carried out by Open-cast manual method as per the Mining Plan and Progressive Mine Closure Plan only. The entire mining area is Govt. land with no forest land involved. The proposed production is 1590 Brass/Annum.

Sand is one of the most sought building materials for the construction purpose. Since Sand has hard texture and durability. It is used chiefly for construction, pavement of roads and imperviousness to moisture and acid. Sand is a perfect countertop material.

The Proposed Mine will also generate plenty of employment opportunity for local people. Economy and socio – economic level of the area will also improve and there will be the opportunity for education, health and & sanitation,

transport and other development. The living standards of the area will also up- lift on the positive side.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Awarpimpri Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.9ha		
2.	Proposed Production capacity	1590 Brass/Annum		
C	Location Details			
1.	Village	Awarpimpri		
2.	Tehsil	Paranda		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°13'27.88"N	75°27'42.09"E
		2	18°13'29.60"N	75°27'40.19"E
		3	18°13'32.71"N	75°27'33.61"E
		4	18°13'32.50"N	75°27'31.04"E
		5	18°13'31.45"N	75°27'29.21"E
		6	18°13'29.17"N	75°27'26.99"E
		7	18°13'27.64"N	75°27'26.43"E
		8	18°13'26.47"N	75°27'26.28"E
		9	18°13'26.52"N	75°27'25.82"E
		10	18°13'28.03"N	75°27'25.98"E
		11	18°13'29.66"N	75°27'26.67"E
		12	18°13'31.72"N	75°27'28.97"E
		13	18°13'33.01"N	75°27'30.84"E
		14	18°13'33.13"N	75°27'33.72"E
		15	18°13'30.07"N	75°27'40.34"E
		16	18°13'28.17"N	75°27'42.56"E
6.	Toposheet No.	47N/ 8/ NE		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Sina, there are number of tributes of River Sinais also available in Study Area.		
2.	Nearest Town / City/Village	Nearest Village: Awarpimpri is at a distance of 1.35Km towards SW from the Mining area.		
3.	Nearest Railway Station	The nearest railway station is Chink hill Station at a distance of ~ 13.8km in South direction from		

		Project Site.
4.	Nearest Airport	Osmanabad Airport, 62.50 km away towards East.
5.	State Boundary	No State boundary passes through the project site
6.	Seismic Zone	Zone – II (Least Active) This is said to be the least active seismic zone.
D	Cost Details	
1.	Total Project Cost	Rs. 50,86,410/-
E	Requirements of The Project	
1.	Proposed Water Requirement	3.5 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	20 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1. INTRODUCTION:

The project of 0.45 Hect area is of stream bed sand mining and falls under Category- "B2" as per of EIA Notification Sep. 14, 2006 and subsequent amendment therefore by MoEF&CC, GOI. The mining lease area is located at Bangalwadi Sand Ghat on Sina River, Village – Bangalwadi, Tehsil – Paranda, District- Osmanabad, State- Maharashtra.

The mining will be carried out by Open-cast manual method as per the approved mining plan and mine closure plan only. Copy of approved Mining Plan and Mine Closure Plan is enclosed as **Annexure – I**. The entire mining area is Govt. land with no forest land involved. The proposed production is 1590 Brass. The proposed project activity will be carried out on the dry river bed of the Sina River. Details of the proposed project area as:-

Table1: Salient Features of the Project Site

S. No.	Particulars	Details		
A.	Project Name	Proposed Bangalwadi - Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Lease Area	0.45Hect		
2.	Proposed Production	1590Brass		
C.	Location Details			
1.	Survey/ Gut/ Khasra No.	639,638,637,636,635,625,622		
2.	Village/ Mauza	Bangalwadi		
3.	Tehsil	Paranda		
4.	District	Osmanabad		
5.	State	Maharashtra		
6.	Latitude & Longitude	S. No.	Latitude "N"	Longitude "E"
		1.	18°23'44.87"N	75°18'51.18"E
		2.	18°23'44.69"N	75°18'56.08"E
		3.	18°23'43.17"N	75°19'1.15"E
		4.	18°23'42.72"N	75°19'0.95"E
		5.	18°23'44.20"N	75°18'56.00"E
		6.	18°23'44.38"N	75°18'51.14"E
7.	Toposheet No.	47 N/7		
D.	Environmental Settings of the Area			
1.	River / water body	Sina River The quarry area is itself part of water body.		
2.	Nearest Town / City	Osmanabad is at a distance of 80.0Km towards SE from the Mining area.		
3.	Nearest Railway Station	Pophlaj Raiway Station at a distance of ~ 25.00km towards South West direction from Project Site.		

PFR for Proposed Sand Mining Project of Area 0.45. at Bangalwadi Village, Tehsil – Paranda, District- Osmanabad, State- Maharashtra.

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4.	Nearest SH/NH	This area is approachable through SH-143 is about 13Km towards North -West
5.	Nearest Airport	Pune Airport, 152 km away towards West from ML
6.	State Boundary	No State boundary passes through the project site
7.	Seismic Zone	Zone – III
E.	Cost Details	
1.	Total Project Cost	Rs. 5086410/-
F.	Requirements of The Project	
1.	Proposed Water Demand	Domestic Water: 0.2KLD
		Dust Suppression: 0.5KLD
		Plantation : 1.00 KLD
		Total Water Requirement: 1.7KLD
2.	No. of working days	2020-21 Year or upto upliftment of minerals
3.	Man Power Requirement	11(Skilled and unskilled persons)

Proposed Sand Mining Project of Area 0.38 Ha. at Bhatsangvi Village, Tehsil – Kalamb, District- Osmanabad, State- Maharashtra.

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EXECUTIVE SUMMARY

1. INTRODUCTION:

Bhatsangvi Sand Quarry area is situated in Tahsil- Kalamb District- Osmanabad, Maharashtra. It is located towards NE of town Osmanabad at khasra No- 26, 30. The Quarry area is located on the Manjara river bed, towards North of village Bhatsangvi. The area is approachable from Bhogaji – Kallam Road and the distance is about 1.60 kms towards West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I.**

2. SALIENT FEATURES OF THE PROJECT SITE

S.No.	Particulars	Details		
A.	Nature of the Project	Proposed Bhatsangvi Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.38 ha		
2.	Proposed Production capacity	928 Brass/Annum/Annum/Annum		
C	Location Details			
1.	Village	Bhatsangvi		
2.	Tehsil	Kalamb		
3.	District	Osmanabad		
4.	State	Osmanabad		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°35'36.45"N	75°58'55.61"E
		2	18°35'43.65"N	75°58'59.59"E
		3	18°35'43.38"N	75°59'0.02"E
		4	18°35'36.19"N	75°58'56.04"E
6.	Toposheet No.	47N/14		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Manjara, there are number of tributes of River Manjara is also available in Study Area.		
2.	Nearest Town / City/ Village	Nearest Village: Bhatsangvi is at a distance of 1.05 Km towards SSE from the Mining area.		
3.	Nearest Railway Station	The nearest railway station is located Kalamb Railway Station at a distance of ~ 25.50.0 km in South direction from Project Site.		
4.	Nearest Airport	Osmanabad Airport 35.60 km away towards		

Proposed Sand Mining Project of Area 0.38 Ha. at Bhatsangvi Village, Tehsil – Kalamb, District- Osmanabad, State- Maharashtra.

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		WSW.
5.	State Boundary	No State boundary passes through the project site
6.	Seismic Zone	Zone – III (Moderate) This is said to be the Moderate Seismic Zone.
D	Cost Details	
1.	Total Project Cost	Rs. 29,68,672/-
2.	EMP cost	1,45,570/-
3.	CER cost	50,000/-
E	Requirements of The Project	
1.	Proposed Water Requirement	2.0 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	08 (Skilled and unskilled persons)
E	Project Description	
1.	Employment generation	8
2.	Water demand	2.0 KLD (0.25: Domestic, 0.75 Dust suppression and 1.0: Green Belt)
3.	Power requirement	No power requirement
4.	Machine/ Equipment	Spades,
5.	Waste water	Domestic waste water, discharge into mobile toilet
6.	Solid waste	Only domestic solid waste, disposed into waste beans.
7.	Tree plantation	120 trees (0.12 ha area)
8.	Mining method	Open cast, manual and day time only
9.	Land ownership	Govt. Land
10.	Land use	Total mineable area will be excavated

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1 INTRODUCTION

The project of 0.45 Hect area is of stream bed sand mining and falls under Category- "B2" as per of EIA Notification Sep. 14, 2006 and subsequent amendment therefore by MoEF&CC, GOI. The mining lease area is located at Bhotra Sand Ghat on Sina River, Village – Bhotra, Tehsil – Paranda, District- Osmanabad, State- Maharashtra.

The mining will be carried out by Open-cast manual method as per the approved mining plan and mine closure plan only. Copy of approved Mining Plan and Mine Closure Plan is enclosed as **Annexure – I**. The entire mining area is Govt. land with no forest land involved. The proposed production is 1272 Brass. The proposed project activity will be carried out on the dry river bed of the Sina River. Details of the proposed project area as:-

Table1: Salient Features of the Project Site

S. No.	Particulars	Details		
A.	Project Name	Proposed Bhotra - Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Lease Area	0.45Hect		
2.	Proposed Production	1272Brass		
C.	Location Details			
1.	Survey/ Gut/ Khasra No.	86,88,96,98&99		
2.	Village/ Mauza	Bhotra		
3.	Tehsil	Paranda		
4.	District	Osmanabad		
5.	State	Maharashtra		
6.	Latitude & Longitude	S. No.	Latitude "N"	Longitude "E"
		1.	18°16'48.74"N	75°24'39.76"E
		2.	18°16'55.35"N	75°24'32.24"E
		3.	18°16'55.76"N	75°24'32.54"E
		4.	18°16'49.15"N	75°24'40.05"E
7.	Toposheet No.	47 N/7		
D.	Environmental Settings of the Area			
1.	River / water body	Sina River The quarry area is itself part of water body.		
2.	Nearest Town / City	Osmanabad is at a distance of 67.0Km towards SE from the Mining area.		
3.	Nearest Railway Station	Shendri Raiway Station at a distance of ~ 24.00km towards South East		

		direction from Project Site.
4.	Nearest SH/NH	This area is approachable through SH-61 is about 6 Km towards North -East
5.	Nearest Airport	Pune Airport, 161 km away towards West from ML
6.	State Boundary	No State boundary passes through the project site
7.	Seismic Zone	Zone – III
E.	Cost Details	
1.	Total Project Cost	Rs. 4069128/-
F.	Requirements of The Project	
1.	Proposed Water Demand	Domestic Water: 0.14KLD
		Dust Suppression: 0.68KLD
		Plantation : 1.00 KLD
		Total Water Requirement: 1.82KLD
2.	No. of working days	2020-21 Year or upto upliftment of minerals
3.	Man Power Requirement	11(Skilled and unskilled persons)

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1. INTRODUCTION:

Chinchapur.Bu Sand Quarry area is situated in Tahsil- Paranda District- Osmanabad, Maharashtra. It is located towards NE of town Osmanabad at khasra No- 4,18,12,13,107,108,109,110,111,112,113&114. The Quarry area is located on the Khairi river bed, towards East of village Chinchapur.Bu . The area is approachable from SH 143 ,11 km towards West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 2862 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Chinchapur.Bu (Sand Quarry (Minor Mineral))		
B.	Size of the Project			
1.	Mine Area	2.7 ha		
2.	Proposed Production capacity	2862 Brass/Annum/Annum/Annum		
C	Location Details			
1.	Village	Chinchapur.Bu		
2.	Tehsil	Paranda		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude “N”	Longitude “E”
		1.	18°31'56.24"N	75°22'19.30"E
		2.	18°31'50.38"N	75°22'14.87"E

PFR for Proposed Sand Mining Project of Area 2.7 Ha. at Chinchapur.Bu Village, Tehsil – Paranda, District-Osmanabad, State- Maharashtra.

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		3.	18°31'38.65"N	75°22'12.07"E
		4.	18°31'30.37"N	75°22'12.54"E
		5.	18°31'25.82"N	75°22'10.42"E
		6.	18°31'26.26"N	75°22'9.63"E
		7.	18°31'30.56"N	75°22'11.62"E
		8.	18°31'38.73"N	75°22'11.14"E
		9.	18°31'50.76"N	75°22'14.03"E
		10.	18°31'56.73"N	75°22'18.54"E
6.	Toposheet No.	47 N/06		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Khairi.		
2.	Nearest Town / City/Village	Nearest Village: Chinchapur.Bu is at a distance of 0.5 Km towards NE from the Lease area.		
3.	Nearest Railway Station	The nearest railway station is located Pophlaj Railway Station at a distance of ~ 39.0 km in SW direction from Project Site.		
4.	Nearest Airport	Pune Airport, 150 km away towards W.		
5.	State Boundary	No State boundary passes through the project site		
6.	Seismic Zone	Zone – III		
D	Cost Details			
1.	Total Project Cost	Rs. 9155538/-		
E	Requirements of The Project			
1.	Proposed Water Requirement	2.7 KLD		
2.	Fuel requirement	N/A		
3.	Man Power Requirement	20 (Skilled and unskilled persons)		

EXECUTIVE SUMMARY

1 INTRODUCTION

Devgaon Khu- Wadner Sand Quarry area is situated in Tehsil- Paranda District- Osmanabad, Maharashtra. It is located towards NW of town Devgaon Khu- Wadner at khasra No:- 50, 51, 53, 57, 70, 71, 72, 79, 1 to 19, 20 60 to 68, 73, 76, 75, 58, 55, 49, 40, 44, 43, 46, 47, 48, & 69. The Quarry area is located on the Ulfa riverbed, towards West of village Devgaon Khu- Wadner. The area is approachable from Devgaon Khu- Wadner through Devgaon Khu- Wadner village Road and the distance is about 0.77 km towards East. The climate of the area is tropical with well-marked summer/ winter and rainy season. The sand available in the lease area (riverbed) shall be mined (raised) by open cast method of mining.

The riverbed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 1767 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

The mining will be carried out by Open-cast manual method as per the Mining Plan and Progressive Mine Closure Plan only. The entire mining area is Govt. land with no forest land involved. The proposed production is 1767 Brass/Annum.

Sand is one of the most sought- building materials for the construction purpose. Since Sand has hard texture and durability. It is used chiefly for construction, pavement of roads and imperviousness to moisture and acid. Sand is a perfect countertop material.

The Proposed Mine will also generate plenty of employment opportunity for local people. Economy and socio – economic level of the area will also improve and there will be the opportunity for education, health and sanitation, transport and other development. The living standards of the area will also be lifted on the positive side.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Devgaon Khu- Wadner Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	1.0ha		
2.	Proposed Production capacity	1767 Brass/Annum		
C	Location Details			
1.	Village	Devgaon Khu- Wadner		
2.	Tehsil	Paranda		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
1		18°13'8.81"N	75°28'43.70"E	
2		18°13'4.37"N	75°28'35.69"E	
3		18°13'3.92"N	75°28'33.86"E	
4		18°13'5.06"N	75°28'25.98"E	
5		18°13'3.37"N	75°28'16.22"E	
6		18°13'3.50"N	75°28'13.07"E	
7		18°13'3.74"N	75°28'12.10"E	
8		18°13'3.49"N	75°28'12.00"E	
9		18°13'3.23"N	75°28'13.05"E	
10		18°13'3.10"N	75°28'16.32"E	
11		18°13'4.61"N	75°28'26.04"E	
12		18°13'3.66"N	75°28'33.92"E	
13		18°13'4.14"N	75°28'35.88"E	
14	18°13'8.47"N	75°28'43.84"E		
6.	Toposheet No.	47N/ 8/ NE		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Ulfa, there are number of tributes of River Ulfais also available in Study Area.		
2.	Nearest Town /	Nearest Village: Devgaon Khu- Wadneris at a		

	City/Village	distance of 0.58Km towards NorthEastfrom the Mining area.
3.	Nearest Railway Station	The nearest railway station is located Mhaisgaon Railway Station at a distance of ~ 12.23 km towards SE direction from Project Site.
4.	Nearest Airport	Osmanabad Airport,71.4 km away towards South East.
5.	State Boundary	No State boundary passes through the project site
6.	Seismic Zone	Zone – II (Least Active) This is said to be the least active seismic zone.
D	Cost Details	
1.	Total Project Cost	Rs. 56,52,633/-
E	Requirements of The Project	
1.	Proposed Water Requirement	3.5 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	20 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1 INTRODUCTION

Dongerwadi Sand Quarry area is situated in Tahsil- Washi District- Osmanabad, Maharashtra. It is located towards SW of town Osmanabad at khasra No- 96,105,2,3,16. The Quarry area is located on the Manjara river bed, towards North of village Dongerwadi. The area is approachable from Para-Nandur Rd and the distance is about 2.50 km towards West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 1060 Brass/Annum sand has been assessed to be available in the area.

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Sand is one of the most sought- building materials for the construction purpose. Since Sand has hard texture and durability. It is used chiefly for construction, pavement of roads and imperviousness to moisture and acid. Sand is a perfect countertop material.

The Proposed Mine will also generate plenty of employment opportunity for local people. Economy and socio - economic level of the area will also improve and there will be the opportunity for education, health and & sanitation, transport and other development. The living standards of the area will also up- lift on the positive side.

Table1: Salient Features of the project site

S.NO.	Particulars	Details
A.	Nature of the Project	Proposed Dongerwadi Sand Quarry (Minor Mineral)
B.	Size of the Project	
1.	Mine Area	0.38 ha
2.	Proposed Production capacity	1060 Brass/Annum
C	Location Details	
1.	Village	Dongerwadi
2.	Tehsil	Washi

3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°39'7.74"N	75°50'57.55"E
		2	18°39'15.31"N	75°50'54.42"E
		3	18°39'15.48"N	75°50'54.90"E
		4	18°39'7.92"N	75°50'58.03"E
6.	Toposheet No.	47N/14		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Manjara, there are number of tributes of River Manjara is also available in Study Area.		
2.	Nearest Town / City/Village	Nearest Village: Dongerwadi is at a distance of 1.05 Km towards South from the Mining area.		
3.	Nearest Railway Station	The nearest railway station is located Kalamb Railway Station at a distance of ~ 35.50.0 km in SE direction from Project Site.		
4.	Nearest Airport	Osmanabad Airport 47.00 km away towards South		
5.	State Boundary	No State boundary passes through the project site		
6.	Seismic Zone	Zone - III (Moderate) This is said to be the Moderate Seismic Zone.		
D	Cost Details			
1.	Total Project Cost	Rs. 33,90,940/-		
E	Requirements of The Project			
1.	Proposed Water Requirement	2.0 KLD		
2.	Fuel requirement	N/A		
3.	Man Power Requirement	08 (Skilled and unskilled persons)		

EXECUTIVE SUMMARY

1. INTRODUCTION:

Fakrabad Sand Quarry area is situated in Tahsil- Washi District- Osmanabad, Maharashtra. It is located towards NE of town Osmanabad at khasra No- 46, 47, 54, 55, 56, 57, 58, 59. The Quarry area is located on the Manjara river bed, towards North of village Fakrabad. The area is approachable from Kallam Road and the distance is about 1.50 km towards South. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 795 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Fakrabad Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.23 ha		
2.	Proposed Production capacity	795 Brass/Annum/Annum/Annum		
C	Location Details			
1.	Village	Fakrabad		
2.	Tehsil	Washi		
3.	District	Osmanabad		
4.	State	Osmanabad		
5.	Latitude & Longitude	Sr. No	Latitude “N”	Longitude “E”
		1	18°39'12.32"N	75°48'18.47"E
		2	18°39'7.50"N	75°48'17.73"E
		3	18°39'7.41"N	75°48'18.23"E
		4	18°39'12.24"N	75°48'18.97"E
6.	Toposheet No.	47N/14		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Manjara, there are number of tributes of River Manjara is also available in Study Area.		

**PFR for Proposed Sand Mining Project of Area 0.23 Ha. at Fakrabad Village, Tehsil
- Washi, District- Osmanabad, State- Maharashtra**

Executive Summary

2.	Nearest Town / City/Village	Nearest Village: Fakrabad is at a distance of 1.15 Km towards NE from the Mining area.
3.	Nearest Railway Station	The nearest railway station is located Kalamb Railway Station at a distance of ~ 41.50.0 km in SE direction from Project Site.
4.	Nearest Airport	Osmanabad Airport 49.50 km away towards SE
5.	State Boundary	No State boundary passes through the project site
6.	Seismic Zone	Zone - III (Moderate) This is said to be the Moderate Seismic Zone.
D	Cost Details	
1.	Total Project Cost	Rs. 25, 43, 205/-
E	Requirements of The Project	
1.	Proposed Water Requirement	Approx 2.0 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	08 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1 INTRODUCTION

Hingangaon.Bu Sand Quarry area is situated in Tahsil- Paranda District- Osmanabad, Maharashtra. It is located towards NE of town Osmanabad at khasra No- 4,18,12,13,107,108,109,110,111,112,113&114. The Quarry area is located on the Khairi river bed, towards East of village Hingangaon.Bu. The area is approachable from SH 143 ,11 km towards West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 530 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

The mining will be carried out by Open-cast manual method as per the Mining Plan and Progressive Mine Closure Plan only. The entire mining area is Govt. land with no forest land involved. The proposed production is 530 Brass/Annum.

Sand is one of the most sought- building materials for the construction purpose. Since Sand has hard texture and durability. It is used chiefly for construction, pavement of roads and imperviousness to moisture and acid. Sand is a perfect countertop material.

PFR for Proposed Sand Mining Project of Area 0.50 Ha. At Hingangaon.Bu Village, Tehsil – Paranda, District-Osmanabad, State- Maharashtra.

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The Proposed Mine will also generate plenty of employment opportunity for local people. Economy and socio – economic level of the area will also improve and there will the opportunity for education, health and & sanitation, transport and other development. The living standards of the area will also up- lift on the positive side.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Hingangaon.Bu (Sand Quarry (Minor Mineral))		
B.	Size of the Project			
1.	Mine Area	0.5 ha		
2.	Proposed Production capacity	530 Brass/Annum		
C	Location Details			
1.	Village	Hingangaon.Bu		
2.	Tehsil	Paranda		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude “N”	Longitude “E”
		1.	18°15'53.67"N	75°36'36.69"E
		2.	18°15'54.40"N	75°36'35.55"E
		3.	18°15'54.95"N	75°36'31.59"E
		4.	18°15'54.55"N	75°36'26.67"E
		5.	18°15'53.73"N	75°36'25.52"E
		6.	18°15'53.17"N	75°36'24.58"E
		7.	18°15'53.54"N	75°36'23.50"E
		8.	18°15'53.67"N	75°36'20.68"E
		9.	18°15'53.19"N	75°36'18.65"E
		10.	18°15'51.58"N	75°36'15.15"E
		11.	18°15'50.23"N	75°36'12.18"E
		12.	18°15'46.49"N	75°36'7.90"E
		13.	18°15'46.63"N	75°36'7.12"E
		14.	18°15'46.52"N	75°36'7.10"E
		15.	18°15'46.41"N	75°36'7.92"E
		16.	18°15'50.14"N	75°36'12.26"E
		17.	18°15'51.42"N	75°36'15.23"E
		18.	18°15'53.00"N	75°36'18.71"E

PFR for Proposed Sand Mining Project of Area 0.50 Ha. At Hingangaon.Bu Village, Tehsil – Paranda, District-Osmanabad, State- Maharashtra.

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		19.	18°15'53.50"N	75°36'20.68"E
		20.	18°15'53.31"N	75°36'23.50"E
		21.	18°15'53.03"N	75°36'24.61"E
		22.	18°15'53.67"N	75°36'25.69"E
		23.	18°15'54.41"N	75°36'26.75"E
		24.	18°15'54.74"N	75°36'31.63"E
		25.	18°15'54.13"N	75°36'35.47"E
		26.	18°15'53.45"N	75°36'36.50"E
6.	Toposheet No.	47 N/11		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Chandani.		
2.	Nearest Town / City	Nearest City: Barshi is at a distance of 10 Km towards SE from the Lease area.		
3.	Nearest Railway Station	The nearest railway station is located Shendri Railway Station at a distance of ~ 13.00 km in S direction from Project Site.		
4.	Nearest Airport	Pune Airport, 165 km away towards W.		
5.	State Boundary	No State boundary passes through the project site		
6.	Seismic Zone	Zone – III		
D	Cost Details			
1.	Total Project Cost	Rs. 1,695470/-		
E	Requirements of The Project			
1.	Proposed Water Requirement	1.7 KLD		
2.	Fuel requirement	N/A		
3.	Man Power Requirement	12 (Skilled and unskilled persons)		

1 EXECUTIVE SUMMARY

Ingonda Sand Quarry area is situated in Tehsil-Paranda District- Osmanabad, Maharashtra. It is located towards NW of town Ingonda at khasra No-399, 400, 398, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413. The Quarry area is located on the Naliriver bed, towards NW of village Ingonda. The area is approachable from Ingonda through Ingonda village Road and the distance is about 0.6 km towards North West. The climate of the area is tropical with well-marked summer/ winter and rainy season. The sand available in the lease area (riverbed) shall be mined (raised) by open cast method of mining.

The riverbed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 1325 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

The mining will be carried out by Open-cast manual method as per the Mining Plan and Progressive Mine Closure Plan only. The entire mining area is Govt. land with no forest land involved. The proposed production is 1325 Brass/Annum.

Sand is one of the most sought building materials for the construction purpose. Since Sand has hard texture and durability. It is used chiefly for construction, pavement of roads and imperviousness to moisture and acid. Sand is a perfect countertop material.

The Proposed Mine will also generate plenty of employment opportunity for local people. Economy and socio – economic level of the area will also improve and there will be the opportunity for education, health and & sanitation,

transport and other development. The living standards of the area will also up- lift on the positive side.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Ingoda Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.75ha		
2.	Proposed Production capacity	1325 Brass/Annum		
C	Location Details			
1.	Village	Ingonda		
2.	Tehsil	Paranda		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°26'13.47"N	75°23'35.55"E
		2	18°26'11.78"N	75°23'35.26"E
		3	18°26'10.55"N	75°23'34.02"E
		4	18°26'9.36"N	75°23'32.98"E
		5	18°26'7.34"N	75°23'32.20"E
		6	18°26'5.40"N	75°23'31.04"E
		7	18°26'5.03"N	75°23'29.22"E
		8	18°26'2.78"N	75°23'24.38"E
		9	18°26'3.34"N	75°23'24.14"E
		10	18°26'5.26"N	75°23'29.08"E
		11	18°26'5.85"N	75°23'30.75"E
		12	18°26'9.66"N	75°23'32.77"E
		13	18°26'12.13"N	75°23'34.47"E
		14	18°26'13.54"N	75°23'34.65"E
6.	Toposheet No.	47N/ 7/ SE		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Nali, there are number of tributes of River Sinais also available in Study Area.		
2.	Nearest Town / City/Village	Nearest Village: Ingondais at a distance of 0.47Km towards South Westfrom the Mining area.		
3.	Nearest Railway Station	The nearest railway station is locatedJeurRailway Station at a distance of ~ 31.0km in SEdirection from Project Site.		
4.	Nearest Airport	Osmanabad Airport,71.4 km away towards South East.		

5.	State Boundary	No State boundary passes through the project site
6.	Seismic Zone	Zone – II (Least Active) This is said to be the least active seismic zone.
D	Cost Details	
1.	Total Project Cost	Rs. 42,38,675/-
E	Requirements of The Project	
1.	Proposed Water Requirement	3.5 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	20 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1 INTRODUCTION:

Jankapur Sand Quarry area is situated in Tehsil-WASHI District-Osmanabad, Maharashtra. It is located towards NE of town Jankapur at khasra No-38, 39, 40, 41. The Quarry area is located on the Manjara river bed, towards NE of village Jankapur. The area is approachable from Jankapur through Jankapur village Road and the distance is about 0.5kms towards South West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by open cast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 1060Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

The mining will be carried out by Open-cast manual method as per the Mining Plan and Progressive Mine Closure Plan only. The entire mining area is Govt. land with no forest land involved. The proposed production is 1272Brass/Annum.

Sand is one of the most sought building materials for the construction purpose. Since Sand has hard texture and durability. It is used chiefly for construction, pavement of roads and imperviousness to moisture and acid. Sand is a perfect countertop material.

The Proposed Mine will also generate plenty of employment opportunity for local people. Economy and socio – economic level of the area will also improve

and there will be the opportunity for education, health and sanitation, transport and other development. The living standards of the area will also be lifted on the positive side.

Table 1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.75ha		
2.	Proposed Production capacity	1272 Brass/Annum		
C.	Location Details			
1.	Village	Jankapur		
2.	Tehsil	Washi		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°39'27.88"N	75°40'38.20"E
		2	18°39'24.39"N	75°40'34.63"E
		3	18°39'25.01"N	75°40'33.85"E
		4	18°39'28.51"N	75°40'37.42"E
6.	Toposheet No.	47N/ 14/ NW		
D.	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Manjara, there are number of tributaries of River Manjara is also available in Study Area.		
2.	Nearest Town / City/Village	Nearest Village: Jankapur is at a distance of 1.7Km towards South West from the Mining area.		
3.	Nearest Railway Station	The nearest railway station is located Wanewadi Railway Station at a distance of ~ 43.32km in SE direction from Project Site.		
4.	Nearest Airport	Osmanabad Airport, 71.4 km away towards South East.		
5.	State Boundary	No State boundary passes through the project site		
6.	Seismic Zone	Zone – II (Least Active) This is said to be the least active seismic zone.		
D.	Cost Details			
1.	Total Project Cost	Rs. 40,69,128/-		

E	Requirements of The Project	
1.	Proposed Water Requirement	3.5 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	20 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1 INTRODUCTION

Kapilapuri Sand Quarry area is situated in Tehsil- Paranda District- Osmanabad, Maharashtra. It is located towards SE of town Kapilapuri at khasra No-20, 19, 18, 17, 8, 7, 128, 120, 119, 118, 4, 122, 114, 113. The Quarry area is located on the Sinariverbed, towards South of village Kapilapuri. The area is approachable from Kapilapuri through Kapilapuri village Road and the distance is about 0.4km towards East. The climate of the area is tropical with well-marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by open cast method of mining.

The riverbed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 1060 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

The mining will be carried out by Open-cast manual method as per the Mining Plan and Progressive Mine Closure Plan only. The entire mining area is Govt. land with no forest land involved. The proposed production is 1060 Brass/Annum.

Sand is one of the most sought- building materials for the construction purpose. Since Sand has hard texture and durability. It is used chiefly for construction, pavement of roads and imperviousness to moisture and acid. Sand is a perfect countertop material.

The Proposed Mine will also generate plenty of employment opportunity for local people. Economy and socio – economic level of the area will also improve and there will be the opportunity for education, health and & sanitation, transport and other development. The living standards of the area will also up- lift on the positive side.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Kapilapuri Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	1.2ha		
2.	Proposed Production capacity	2120 Brass/Annum		
C	Location Details			
1.	Village	Kapilapuri		
2.	Tehsil	Paranda		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude “N”	Longitude “E”
		1	18°12'18.07"N	75°26'36.00"E
		2	18°12'9.20"N	75°26'29.47"E
		3	18°12'6.63"N	75°26'24.91"E
		4	18°12'6.18"N	75°26'21.17"E
		5	18°12'6.83"N	75°26'21.08"E
		6	18°12'7.29"N	75°26'24.68"E
		7	18°12'9.73"N	75°26'29.03"E
		8	18°12'18.40"N	75°26'35.42"E
6.	Toposheet No.	47N/ 8/ NE		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Sina, there are number of tributes of River Sinais also available in Study Area.		
2.	Nearest Town / City/Village	Nearest Village: Kapilapuri is at a distance of 0.67Km towards South from the Mining area.		
3.	Nearest Railway Station	The nearest railway station is located Mhaisgaon Railway Station at a distance of ~ 12.0km in SW direction from Project Site.		
4.	Nearest Airport	Osmanabad Airport, 65 km away towards East.		
5.	State Boundary	No State boundary passes through the project site		
6.	Seismic Zone	Zone – II		

		(Least Active) This is said to be the least active seismic zone.
D	Cost Details	
1.	Total Project Cost	Rs. 67,81,880/-
E	Requirements of The Project	
1.	Proposed Water Requirement	3.5 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	20 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1. INTRODUCTION:

Khadki Sand Quarry area is situated in Tahsil- Kalamb District- Osmanabad, Maharashtra. It is located towards North of town Osmanabad at Khasra No- 35, 36, 37, 39. The Quarry area is located on the Manjara river bed, towards North of village Khadki. The area is approachable from Mohra Road and the distance is about 3.22 kms towards West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 2120 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan have been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Khadki Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	1.20 ha		
2.	Proposed Production capacity	2120 Brass/Annum/Annum/Annum		
C	Location Details			
1.	Village	Khadki		
2.	Tehsil	Kalamb		
3.	District	Osmanabad		
4.	State	Osmanabad		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	'21.13"N	16.99"E
		2	'24.47"N	3.80"E
		3	'25.40"N	4.08"E
		4	'22.07"N	17.26"E
6.	Toposheet No.	56B/2		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e.		

PFR for Proposed Sand Mining Project of Area 1.20 Ha. at Khadki Village, Tehsil – Kalamb, District- Osmanabad, State- Maharashtra.

Executive Summary

		River-Manjara, there are number of tributes of River Manjara is also available in Study Area.
2.	Nearest Town / City/Village	Nearest Village: Khadki is at a distance of 1.00 Km towards South from the Mining area.
3.	Nearest Railway Station	The nearest railway station is located Kalamb Railway Station at a distance of ~ 22.50 km in South direction from Project Site.
4.	Nearest Airport	Osmanabad Airport 32.50 km away towards South
5.	State Boundary	No State boundary passes through the project site
6.	Seismic Zone	Zone – III (Moderate) This is said to be the Moderate Seismic Zone.
D	Cost Details	
1.	Total Project Cost	Rs. 67,81,880/-
E	Requirements of The Project	
1.	Proposed Water Requirement	1.74 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	08 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1. INTRODUCTION:

Lakhangaon Sand Quarry area is situated in Tahsil- Washi District- Osmanabad, Maharashtra. It is located towards NNW of town Osmanabad at 337,338, 339, 340, 341, 345, 346, 347, 348, 349, 350, 351. The Quarry area is located on the Manjara river bed, towards North of village Lakhangaon. The area is approachable from Kallam Road and the distance is about 2.02 km towards South. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 795 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan have been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Lakhangaon Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.75 ha		
2.	Proposed Production capacity	795 Brass/Annum/Annum/Annum		
C	Location Details			
1.	Village	Lakhangaon		
2.	Tehsil	Washi		
3.	District	Osmanabad		
4.	State	Osmanabad		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°39'28.88"N	75°47'4.57"E
		2	18°39'24.96"N	75°47'6.91"E
		3	18°39'19.87"N	75°47'8.98"E
		4	18°39'17.58"N	75°47'10.85"E
		5	18°39'15.68"N	75°47'13.80"E
		6	18°39'16.07"N	75°47'14.10"E
		7	18°39'17.97"N	75°47'11.16"E

PFR for Proposed Sand Mining Project of Area 0.75 Ha. at Lakhangaon Village, Tehsil – Washi, District- Osmanabad, State- Maharashtra.

Executive Summary

		8	18°39'20.13"N	75°47'9.41"E
		9	18°39'25.17"N	75°47'7.39"E
		10	18°39'29.14"N	75°47'5.00"E
6.	Toposheet No.	47N/14		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Manjara, there are number of tributes of River Manjara is also available in Study Area.		
2.	Nearest Town / City/Village	Nearest Village: Lakhangaon is at a distance of 0.80 Km towards South from the Mining area.		
3.	Nearest Railway Station	The nearest railway station is located Kalamb Railway Station at a distance of ~ 41.50 km in SE direction from Project Site.		
4.	Nearest Airport	Osmanabad Airport 50.10 km away towards SSE		
5.	State Boundary	No State boundary passes through the project site		
6.	Seismic Zone	Zone - III (Moderate) This is said to be the Moderate Seismic Zone.		
D	Cost Details			
1.	Total Project Cost	Rs. 25, 43, 205/-		
E	Requirements of The Project			
1.	Proposed Water Requirement	3.33 KLD		
2.	Fuel requirement	N/A		
3.	Man Power Requirement	08 (Skilled and unskilled persons)		

EXECUTIVE SUMMARY

1 INTRODUCTION

Pandherwadi Sand Quarry area is situated in Tahsil- Paranda District- Osmanabad, Maharashtra. It is located towards NE of town Osmanabad at khasra No- 89,88,62,64,1,7,12&66. The Quarry area is located on the Khairi river bed, towards NE of village Pandherwadi. The area is approachable from SH 143 ,12 km towards North West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining. The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 2290 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

The mining will be carried out by Open-cast manual method as per the Mining Plan and Progressive Mine Closure Plan only. The entire mining area is Govt. land with no forest land involved. The proposed production is 2290 Brass/Annum.

Sand is one of the most sought- building materials for the construction purpose. Since Sand has hard texture and durability. It is used chiefly for construction, pavement of roads and imperviousness to moisture and acid. Sand is a perfect countertop material.

The Proposed Mine will also generate plenty of employment opportunity for local people. Economy and socio – economic level of the area will also improve and there will the opportunity for education, health and & sanitation,

transport and other development. The living standards of the area will also up- lift on the positive side.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Pandherwadi Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	2.16 ha		
2.	Proposed Production capacity	2290 Brass/Annum/Annum/Annum		
C.	Location Details			
1.	Village	Pandherwadi		
2.	Tehsil	Paranda		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
1		18°30'45.69"N	75°22'7.87"E	
2		18°30'51.29"N	75°22'6.72"E	
3		18°30'58.31"N	75°22'6.24"E	
4		18°31'10.35"N	75°22'0.40"E	
5		18°31'9.90"N	75°21'59.59"E	
6		18°30'58.07"N	75°22'5.35"E	
7		18°30'51.17"N	75°22'5.80"E	
8.		18°30'45.52"N	75°22'6.97"E	
6.	Toposheet No.	47 N/06		
D.	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Khairi.		
2.	Nearest Town / City/Village	Nearest Village: Pandherwadi is at a distance of 1.5 Km towards SE from the Lease area.		
3.	Nearest Railway Station	The nearest railway station is located Pophlaj Railway Station at a distance of ~ 38.0 km in SW direction from Project Site.		
4.	Nearest Airport	Pune Airport, 150 km away towards W.		
5.	State Boundary	No State boundary passes through the project site		
6.	Seismic Zone	Zone – III		

E	Cost Details	
1.	Total Project Cost	Rs. 7325710/-
F	Requirements of The Project	
1.	Proposed Water Requirement	6.0 KLD Water requirement of 1.0 KLD for domestic and 4.0 KLD for water sprinkling will be met through water tanker and 1 KLD for Plantation.

EXECUTIVE SUMMARY

1. INTRODUCTION:

Para Sand Quarry area is situated in Tahsil- Washi District- Osmanabad, Maharashtra. It is located towards NW of town Osmanabad at khasra No- 38, 39, 40, 41, 42, 70, 74, 75, 86, 159, 160. The Quarry area is located on the Manjara river bed, towards North of village Para . The area is approachable from Fakrabad-Nandur Rd and the distance is about 0.60 km towards West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 636 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE - I**.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Para Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.45 ha		
2.	Proposed Production capacity	636 Brass/Annum/Annum/Annum		
C	Location Details			
1.	Village	Para		
2.	Tehsil	Washi		
3.	District	Osmanabad		
4.	State	Osmanabad		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°39'21.40"N	75°49'8.41"E
		2	18°39'21.18"N	75°48'58.18"E
		3	18°39'21.67"N	75°48'58.17"E
		4	18°39'21.89"N	75°49'8.41"E
6.	Toposheet No.	47N/14		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e		

PFR for Proposed Sand Mining Project of Area 0.45 Ha. at Para Village, Tehsil - Washi, District- Osmanabad, State- Maharashtra.

Executive Summary

		River-Manjara, there are number of tributes of River Manjara is also available in Study Area.
2.	Nearest Town / City/Village	Nearest Village: Para is at a distance of 2.20 Km towards S from the Mining area.
3.	Nearest Railway Station	The nearest railway station is located Kalambe Railway Station at a distance of ~ 40.50 km in SSE direction from Project Site.
4.	Nearest Airport	Osmanabad Airport 49.0 km away towards SSE.
5.	State Boundary	No State boundary passes through the project site
6.	Seismic Zone	Zone - III (Moderate) This is said to be the Moderate Seismic Zone.
D Cost Details		
1.	Total Project Cost	Rs. 20,34,564/-
E Requirements of The Project		
1.	Proposed Water Requirement	2.20 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	08 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1. INTRODUCTION:

Paregaon-1 Sand Quarry area is situated in Tahsil- Washi District- Osmanabad, Maharashtra. It is located towards NNW of town Osmanabad at Khasra No.191 & 193. The Quarry area is located on the Manjara river bed, towards North of village Paregaon-1. The area is approachable from Hatola Rd and the distance is about 1.10 kms towards SE. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 636 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I.**

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Paregaon-1 Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.45 ha		
2.	Proposed Production capacity	636 Brass/Annum		
C	Location Details			
1.	Village	Paregaon-1		
2.	Tehsil	Washi		
3.	District	Osmanabad		
4.	State	Osmanabad		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°40'14.63"N	75°41'32.14"E
		2	18°40'6.45"N	75°41'26.57"E
		3	18°40'6.67"N	75°41'26.11"E
		4	18°40'14.85"N	75°41'31.68"E
6.	Toposheet No.	47N/10		
D	Environmental Settings of the Area			

PFR for Proposed Sand Mining Project of Area 0.45 Ha. at Paregaon-1 Village, Tehsil – Washi, District- Osmanabad, State- Maharashtra.

Executive Summary

1.	River / water body	The quarry area is itself part of water body i.e. River-Manjara, there are number of tributes of River Manjara is also available in Study Area.
2.	Nearest Town / City/Village	Nearest Village: Paregaon-1 is at a distance of 0.75 Km towards SE from the Mining area.
3.	Nearest Railway Station	The nearest railway station is located Barsi Railway Station at a distance of ~ 47.50.0 km in South direction from Project Site.
4.	Nearest Airport	Osmanabad Airport 57.60 km away towards NW.
5.	State Boundary	No State boundary passes through the project site
6.	Seismic Zone	Zone - III (Moderate) This is said to be the Moderate Seismic Zone.
D	Cost Details	
1.	Total Project Cost	Rs. 20,34, 564/-
E	Requirements of The Project	
1.	Proposed Water Requirement	2.0KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	08 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1. INTRODUCTION:

Paregaon-2 Sand Quarry area is situated in Tahsil- Washi District- Osmanabad, Maharashtra. It is located towards NW of town Osmanabad at Khasra No.46, 67 & 68. The Quarry area is located on the Manjara river bed, towards North of village Paregaon-2. The area is approachable from Hatola Road and the distance is about 0.55 km towards West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 636 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan have been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Paregaon-2 Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.45 ha		
2.	Proposed Production capacity	636 Brass/Annum/Annum/Annum		
C	Location Details			
1.	Village	Paregaon-2		
2.	Tehsil	Washi		
3.	District	Osmanabad		
4.	State	Osmanabad		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°40'14.68"N	75°43'0.87"E
		2	18°40'10.57"N	75°42'51.58"E
		3	18°40'11.03"N	75°42'51.40"E
		4	18°40'15.14"N	75°43'0.68"E
6.	Toposheet No.	47N/10		
D	Environmental Settings of the Area			

PFR for Proposed Sand Mining Project of Area 0.45 Ha. at Paregaon-2 Village, Tehsil – Washi, District- Osmanabad, State- Maharashtra.

Executive Summary

1.	River / water body	The quarry area is itself part of water body i.e. River-Manjara, there are number of tributes of River Manjara is also available in Study Area.
2.	Nearest Town / City/Village	Nearest Village: Paregaon-2 is at a distance of 1.70 Km towards East from the Mining area.
3.	Nearest Railway Station	The nearest railway station is located Barsi Railway Station at a distance of ~ 46.50.0 km in South direction from Project Site.
4.	Nearest Airport	Osmanabad Airport 56.50 km away towards SE.
5.	State Boundary	No State boundary passes through the project site
6.	Seismic Zone	Zone – III (Moderate) This is said to be the Moderate Seismic Zone.
D	Cost Details	
1.	Total Project Cost	Rs. 20,34, 564/-
E	Requirements of The Project	
1.	Proposed Water Requirement	2.00 KLD
2.	Fuel requirement	N/A
3.	Man Power Requirement	08 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1 INTRODUCTION

Parewadi Sand Quarry area is situated in Tahsil- Paranda District- Osmanabad, Maharashtra. It is located towards NE of town Osmanabad at khasra No- 67,54,57,66,58,51,50,65&64. The Quarry area is located on the Nali river bed, towards SW of village Parewadi. The area is approachable from SH 143 ,16 km towards North West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 1131 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

The mining will be carried out by Open-cast manual method as per the Mining Plan and Progressive Mine Closure Plan only. The entire mining area is Govt. land with no forest land involved. The proposed production is 1131 Brass/Annum.

Sand is one of the most sought- building materials for the construction purpose. Since Sand has hard texture and durability. It is used chiefly for construction, pavement of roads and imperviousness to moisture and acid. Sand is a perfect countertop material.

The Proposed Mine will also generate plenty of employment opportunity for local people. Economy and socio – economic level of the area will also improve

and there will be the opportunity for education, health and sanitation, transport and other development. The living standards of the area will also be uplifted on the positive side.

Table 1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Parewadi Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.40 ha		
2.	Proposed Production capacity	1131 Brass/Annum/Annum/Annum		
C	Location Details			
1.	Village	Parewadi		
2.	Tehsil	Paranda		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°24'51.05"N	75°22'26.13"E
		2	18°24'57.52"N	75°22'26.83"E
		3	18°24'57.52"N	75°22'26.14"E
		4	18°24'51.05"N	75°22'25.45"E
6.	Toposheet No.	47 N/07		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Nali.		
2.	Nearest Town / City/Village	Nearest Village: Parewadi is at a distance of 0.5 Km towards NE from the Lease area.		
3.	Nearest Railway Station	The nearest railway station is located Pophlaj Railway Station at a distance of ~ 35.0 km in SW direction from Project Site.		
4.	Nearest Airport	Pune Airport, 150 km away towards W.		
5.	State Boundary	No State boundary passes through the project site		
6.	Seismic Zone	Zone – III		
D	Cost Details			
1.	Total Project Cost	Rs. 3,618,069/-		
E	Requirements of The Project			
1.	Proposed Water Requirement	1.7 KLD (.Water requirement of 0.2 KLD for domestic and		

		0.5 KLD for water sprinkling will be met through water tanker and 1.0 K.L.D for Plantation.
2.	Fuel requirement	N/A
3.	Man Power Requirement	20 (Skilled and unskilled persons)

EXECUTIVE SUMMARY

1 INTRODUCTION

Tandulwadi Sand Quarry area is situated in Tahsil- Paranda District- Osmanabad, Maharashtra. It is located towards NE of town Osmanabad at khasra No- 22,29,1411&1415. The Quarry area is located on the Khairi river bed, towards NE of village Tandulwadi. The area is approachable from SH 143 ,12 km towards North West. The climate of the area is tropical with well marked summer/ winter and rainy season. The sand available in the lease area (river bed) shall be mined (raised) by opencast method of mining.

The river bed will be explored by few trial pits (after grant of Mining lease) to evaluate the quantum of sand available within the lease area. However accordingly, a rough estimate of about 2650 Brass/Annum sand has been assessed to be available in the area.

The Mining Plan and Progressive Mine Closure Plan has been approved by DGM govt. of Maharashtra. Copy of Mining Plan and Progressive Mine Closure Plan is enclosed as **ANNEXURE – I**.

The mining will be carried out by Open-cast manual method as per the Mining Plan and Progressive Mine Closure Plan only. The entire mining area is Govt. land with no forest land involved. The proposed production is 2650 Brass/Annum.

Sand is one of the most sought- building materials for the construction purpose. Since Sand has hard texture and durability. It is used chiefly for construction, pavement of roads and imperviousness to moisture and acid. Sand is a perfect countertop material.

The Proposed Mine will also generate plenty of employment opportunity for local people. Economy and socio – economic level of the area will also improve and there will the opportunity for education, health and & sanitation,

transport and other development. The living standards of the area will also up- lift on the positive side.

Table1: Salient Features of the project site

S.NO.	Particulars	Details		
A.	Nature of the Project	Proposed Tandulwadi Sand Quarry (Minor Mineral)		
B.	Size of the Project			
1.	Mine Area	0.75 ha		
2.	Proposed Production capacity	2650 Brass/Annum/Annum/Annum		
C	Location Details			
1.	Village	Tandulwadi		
2.	Tehsil	Paranda		
3.	District	Osmanabad		
4.	State	Maharashtra		
5.	Latitude & Longitude	Sr. No	Latitude "N"	Longitude "E"
		1	18°30'45.69"N	75°22'7.87"E
		2	18°30'51.29"N	75°22'6.72"E
		3	18°30'58.31"N	75°22'6.24"E
		4	18°31'10.35"N	75°22'0.40"E
		5	18°31'9.90"N	75°21'59.59"E
		6	18°30'58.07"N	75°22'5.35"E
		7	18°30'51.17"N	75°22'5.80"E
6.	Toposheet No.	47 N/07		
D	Environmental Settings of the Area			
1.	River / water body	The quarry area is itself part of water body i.e. River-Khairi.		
2.	Nearest Town / City/Village	Nearest Village: Tandulwadi is at a distance of 1.5 Km towards SE from the Lease area.		
3.	Nearest Railway Station	The nearest railway station is located Pophlaj Railway Station at a distance of ~ 38.0 km in SW direction from Project Site.		
4.	Nearest Airport	Pune Airport, 150 km away towards W.		
5.	State Boundary	No State boundary passes through the project site		
6.	Seismic Zone	Zone – III		
D	Cost Details			
1.	Total Project Cost	Rs. 8,477,350/-		
E	Requirements of The Project			

1.	Proposed Water Requirement	6.0 KLD (Water requirement of 1.0 KLD for domestic and 4.0 KLD for water sprinkling will be met through water tanker.)
2.	Fuel requirement	N/A
3.	Man Power Requirement	20 (Skilled and unskilled persons)