



सत्यमेव जयते

File No.: 515604/165-MINB2/12-2024

Government of India

Ministry of Environment, Forest and Climate Change

(Issued by the State Environment Impact Assessment Authority (SEIAA),  
ODISHA)

\*\*\*



Dated 28/07/2025



To,

The Mining Officer, Khordha  
O/o- The DDM Khordha, Circle, KHORDHA, ODISHA, 752056  
mokhordha@gmail.com

**Subject:** Approval of District Survey Report (DSR) of Road Metal/Building Stone/Black Stone located in District-Khordha, State-Odisha for the period 2025 to 2030 under the provisions of EIA Notification 2006- regarding.

Sir/Madam,

This is in reference to your application submitted to SEIAA, Odisha by the Mining Officer, Khordha vide proposal number SIA/OR/MIN/515604/2025 dated 21/12/2024 for approval of District Survey Report (DSR) of Road Metal/Building Stone/Black Stone in Khordha District for the period 2025-2030 located in District-Khordha, State-Odisha in terms of the provision of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986 and subsequent amendment thereto, i.e. Enforcement and Monitoring Guidelines for Sand Mining (EMGSM)-2020 and in pursuance of MoEF & CC, Govt. of India Notification dated 15.01.2016 & 25.07.2018 and as per order of Hon'ble Supreme Court dated 10.11.2021 in Civil Appeal No. 36613662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others)-reg.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C0108OR5947188N
(ii) File No.	515604/165-MINB2/12-2024
(iii) Clearance Type	Mining EC Under 5 Ha
(iv) Category	B2 & B1
(v) Project/Activity Included Schedule No.	1(a) Mining of minerals
(vii) Name of Project	District Survey Report(DSR) of Road Metal/Building Stone/Black Stone minor mineral of Khordha District.
(viii) Location of Project (District, State)	KHORDHA, ODISHA

(ix) Issuing Authority

SEIAA, Odisha

(x) Applicability of General Conditions

No

3. In view of the particulars given in the Para 1 above, the project proposal (PP) interalia including Form-2, forwarding letter, proceeding copy, copy of 30 days public notice period, copy of paper clipping and advertisement for Public notice both in Odia and in English and final revised District Survey Report (DSR) of Road Metal/Building Stone/Black Stone in Khordha District copy were submitted to the SEIAA, Odisha for an appraisal by the State Level Expert Appraisal Committee (SEAC) under the provision of EIA notification 2006 and its subsequent amendments.
4. The above-mentioned proposal has been considered by the SEAC in the meeting held on 01.03.2025. The minutes of the meeting and all the documents are available in the PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above.
5. Details of the DSR of Road Metal/Building Stone/Black Stone in Khordha District and the brief on the salient features as submitted by the project proponent in Form-2 and as presented during the SEAC meeting are annexed as Annexure-2.
6. The SEAC, in its meeting held on 01.03.2025, based on information & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and compliance thereto furnished by the Project Proponent, the SEAC, Odisha recommended that the SEIAA, Odisha may consider for approval of the DSR of Road Metal/Building Stone/Black Stone in Khordha District for implementation, subject to insertion/correction of the below mentioned observed by the SEAC on the following points as mentioned below.
  1. In list of potential leases, Annex -II: Some of the column in existing mines with regard to quantity is blank, this needs to be updated
  2. Similarly, Annex-III: some of the blank columns (total mineral excavation) to be filled unless there is any reason for keeping it blank.
  3. Also Annex-V: Potential mining leases: mineral volume to be mined to be filled up in cases left blank, as it is essential.
  4. Similarly, the table with Clusters: Mineral mineable to be provided.

Further, the DSR proposal was placed in 192nd SEIAA, Odisha meeting held on 20.03.2025 and 200th meeting held 14.05.2025 and after detailed deliberation, the authority deferred the case for ADS for compliance by the PP on the observations of SEAC and SEIAA and accordingly, the ADS raised to PP for correction in DSR.

The PP has submitted the revised DSR of Road Metal/Building Stone/Black Stone in Khordha District after complying with the quarries raised by SEAC & SEIAA .

7. The SEIAA, Odisha has examined the DSR proposal in 209th Meeting of SEIAA held on 19.06.2025 in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986 and subsequent amendment thereto, Sustainable Sand Mining Management Guideline (SSMMG)-2016, Enforcement and Monitoring Guidelines for Sand Mining (EMGSM)-2020 and in pursuance of MoEF & CC, GoI Notification dated 15.01.2016 & 25.07.2018 and as per order of Hon'ble Supreme Court dated 10.11.2021 in Civil Appeal No. 36613662 of 2020 (State of Bihar Vrs. Pawan Kumar and Others) and based on the recommendations of the SEAC, clarification submitted by Project Proponent (PP) to the query raised by SEAC & SEIAA. Accordingly, the PP/competent Authority have submitted their reply and modified revised DSR. After detailed deliberation in the matter, **the authority hereby approved the DSR for Road Metal/Building Stone/Black Stone in Khordha District** and the details of revised DSR copy is attached in annexure-2 and also the same can be downloaded from the attached file of respective application number.
8. The SEIAA, Odisha reserves the right to stipulate additional conditions, if found necessary.

9. The Validity of DSR is upto 5 years i.e. from 2025 to 2030 from the date of issue of this approval letter.

10. This issue with an approval of the Competent Authority.

**Copy To**

1. Additional Chief Secretary, Forest, Environment & Climate Change Dept., Government of Odisha for information.
2. Member Secretary, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar for information.
3. The Director of Mines, Steel & Mines Dept, Govt. of Odisha Bhubaneswar for information.
4. Additional Principal Conservator of Forests, Integrated Regional Office (IRO), Ministry of Environment & Forests, A/3, Chandrasekharpur, Bhubaneswar for information.
5. Additional Chief Secretary, Revenue and DM Department, Govt. of Odisha Bhubaneswar for information.
6. Chairman, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi-110032 for information.
7. Chairman/Member/Member Secretary, SEIAA for information.
8. Member Secretary, SEAC, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for information.
9. Collector & DM, Khordha, Sub-Collector, Khordha, Deputy Director of Mines, Khordha, DFO, Khordha, RO, SPCB, Khordha, All Tahasildar of Khordha District/Mining Officer, Khordha for Information and necessary action.
10. The Director, Minor Mineral, Steel & Mines Dept, Govt. of Odisha Bhubaneswar for information.
11. Guard file for record/Website/Parivesh Portal

**Annexure 1**

**Additional EC Conditions**

1. “No Black Stone / Metal mining is allowed within the eco-sensitive zone of Chandaka WL Sanctuary and Nandankanan WL Sanctuary” .



**GOVERNMENT OF ODISHA**  
**OFFICE OF THE DEPUTY DIRECTOR OF MINES**  
**KHORDHA CIRCLE, KHORDHA**  
**BDA Colony, Near new Bus Stand, Khordha**

E-mail-ID- ddm-khd@gov.in & mokhordha@gmail.com

Letter No. 1378 /Mines, Khordha/Dt. 12.06.2025

To

The Chairman SEIAA, Odisha  
SRF-2/1, Acharya Vihar, Unit - IX, OPTCL Colony,  
Anand Bazar, Bhoi Nagar, Bhubaneswar, Odisha 751022

Sub: Compliance with the ADS for the approval of the District Survey Report (DSR) for Stone mining in Khordha district.

Sir,

With reference to the subject cited above, the District Survey Report (DSR) for Stone mining in Khordha district has been submitted on the PARIVESH portal for approval from SEIAA Odisha. SEIAA Odisha has raised an ADS requesting modifications to the DSR. The compliance with the raised ADS is as follows:

SI no	Raised ADS	Compliance to the ADS
(i)	In Para-20, the Project Proponent (PP) has to mentioned the details of Eco-sensitive area and Wildlife sanctuary area of Chandaka and Nandan Kanan and Nalabana, Chilika.	Details of Eco-sensitive area and Wildlife sanctuary area has been mentioned in updated DSR.
(ii)	The name of Annexure-II, III & IV need to change to Final Annexure-V, VI & VII.	Updated as per the ADS comment.

This is for the information and further necessary action.

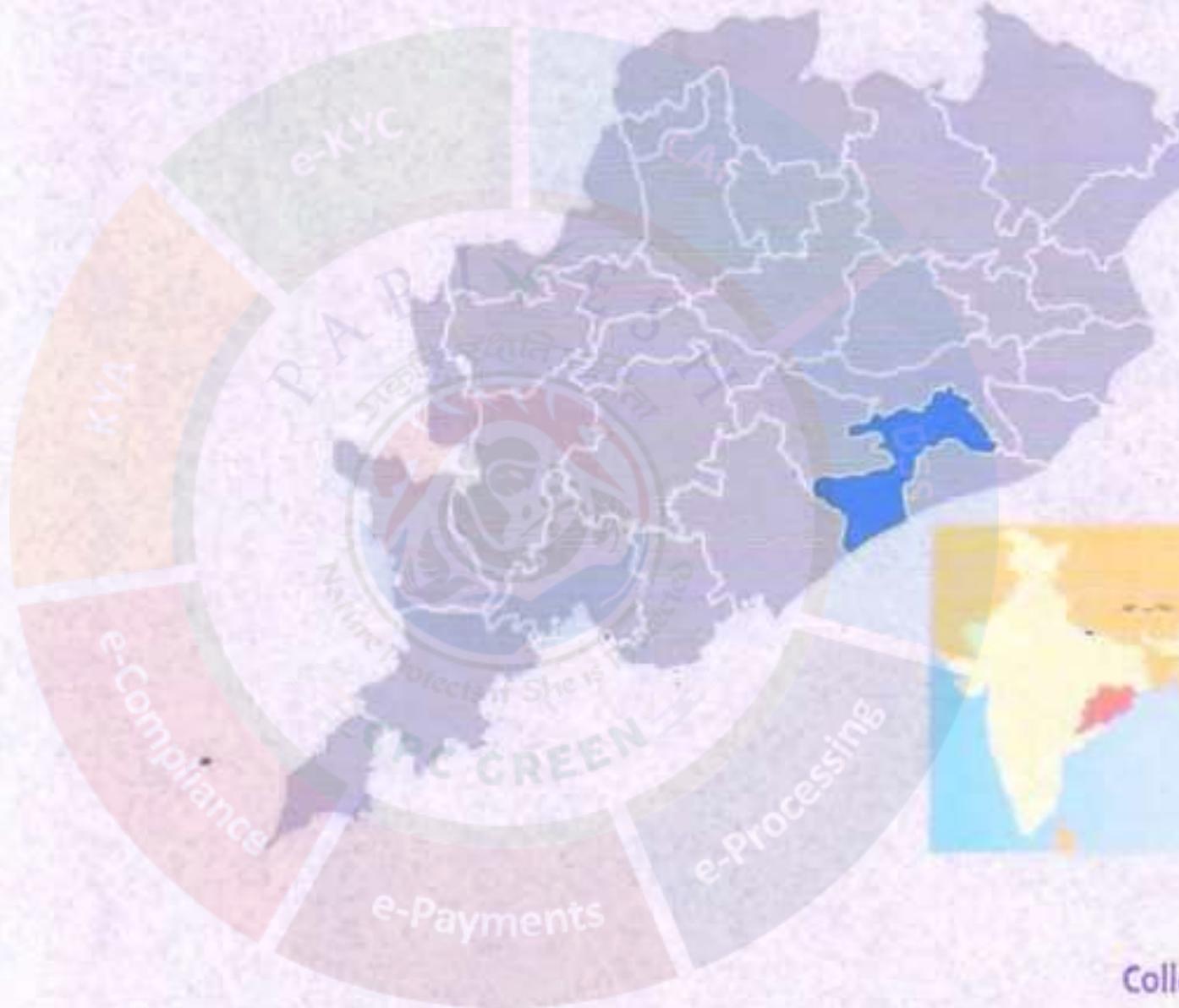
Yours faithfully,

*Jagadev*  
12.06.25

**Mining Officer (I/c)**  
O/o, Deputy Director Mines  
Mining Office (I/C), Khordha  
(Member convenor Sub- Divisional committee)

# ROAD METAL/BUILDING STONE / BLACK STONE MINING

As per Notification No. S.O. 141(E),15th January,2016 & S.O. July, 2018, New Delhi ,MINISTRY OF ENVIRONMENT,  
CLIMATE CHANGE (MoEF & CC)



COLLECTORATE KHORDHA  
DECEMBER-2024

<b>CONTENTS</b>		
<b>Point No.</b>	<b>DESCRIPTION</b>	<b>Page No.</b>
	PREFACE	01
<b>01</b>	INTRODUCTION.	02-04
<b>02</b>	OVERVIEW OF MINING ACTIVITY IN THE DISTRICT.	05-06
<b>03</b>	GENERAL PROFILE OF THE DISTRICT.	07-12
<b>04</b>	GEOLOGY OF THE DISTRICT.	13-15
<b>05</b>	DRAINAGE OF IRRIGATION PATTERN.	15-16
<b>06</b>	LAND UTILIZATION PATTERN IN THE DISTRICT: FOREST, AGRICULTURAL, HORTICULTURAL, MINING ETC.	17-19
<b>07</b>	SURFACE WATER AND GROUND WATER SCENARIO OF THE DISTRICT.	20-22
<b>08</b>	RAINFALL OF THE DISTRICT AND CLIMATIC CONDITION.	23
<b>09</b>	DETAILS OF THE MINING LEASES IN THE DISTRICT AS PER THE FORMAT.	24-42
<b>10</b>	DETAILS OF ROYALTY OR REVENUE RECEIVED IN LAST THREE YEARS.	43-46
<b>11</b>	DETAILS OF PRODUCTION OF MINOR MINERAL IN LAST THREE YEARS.	47-50
<b>12</b>	MINERAL MAP OF THE DISTRICT.	51
<b>13</b>	LIST OF LETTER OF INTENT (LOI) HOLDERS IN THE DISTRICT ALONG WITH ITS VALIDITY AS PER THE FOLLOWING FORMAT.	52
<b>14</b>	TOTAL MINERAL RESERVE AVAILABLE IN THE DISTRICT.	53-60
<b>15</b>	QUALITY /GRADE OF MINERAL AVAILABLE IN THE DISTRICT.	61
<b>16</b>	USE OF MINERAL.	61
<b>17</b>	DEMAND AND SUPPLY OF THE MINERAL IN THE LAST THREE YEARS.	61
<b>18</b>	MINING LEASES MARKED ON THE MAP OF THE DISTRICT.	62-63
<b>19</b>	DETAILS OF THE AREA OF WHERE THERE IS A CLUSTER OF MINING LEASES VIZ. NUMBER OF MINING LEASES, LOCATION (LATITUDE AND LONGITUDE).	64-70
<b>20</b>	DETAILS OF ECO-SENSITIVE AREA, IF ANY, IN THE DISTRICT.	70-71
<b>21</b>	IMPACT ON THE ENVIRONMENT (AIR, WATER, NOISE, SOIL, FLORA & FAUNA, LAND USE, AGRICULTURE, FOREST ETC.) DUE TO MINING ACTIVITY.	72-73
<b>22</b>	REMEDIAL MEASURES TO MITIGATE THE IMPACT OF MINING ON THE ENVIRONMENT.	73-75

<b>23</b>	RECLAMATION OF MINED OUT AREA (BEST PRACTICE ALREADY IMPLEMENTED IN THE DISTRICT, REQUIREMENT AS PER RULES AND REGULATION, PROPOSED RECLAMATION PLAN).	75-76
<b>24</b>	RISK ASSESSMENT & DISASTER MANAGEMENT PLAN.	76-77
<b>25</b>	DETAILS OF THE OCCUPATIONAL HEALTH ISSUES IN THE DISTRICT. (LAST FIVE-YEAR DATA OF NUMBER OF PATIENTS OF SILICOSIS & TUBERCULOSIS IS ALSO NEEDS TO BE SUBMITTED.	77-78
<b>26</b>	PLANTATION AND GREEN BELT DEVELOPMENT IN RESPECT OF LEASES ALREADY GRANTED IN THE DISTRICT.	79
<b>27</b>	ANY OTHER INFORMATION.	79

**LIST OF ANNEXURE**

<b>Sl No.</b>	<b>DESCRIPTION</b>		<b>Page No.</b>
01	Annexure-I	Details of Sand/M-Sand Sources(Not applicable for laterite)	80
02	Annexure-V	Final List of Potential Mining Leases (existing & proposed)	81-96
03	Annexure-VI	Final Cluster & Contiguous Cluster details	97-112
04	Annexure-VII	Final Transportation Routes for individual leases and leases in Cluster	113-130

### LIST OF TABLES

<b>SL NO.</b>	<b>DESCRIPTION</b>	<b>PAGE NO.</b>
01	Stratigraphy	15
02	Drainage system with description of main rivers	15
03	Category of forest areas in khordha forest division	17
04	Category of forest areas in chandaka wildlife division, bhubaneswar	17
05	Category of forest areas in city forest division	18
06	Category of forest areas in chilika wildlife division	18
07	Blockwise land utilization pattern in khordha district	19
08	Year-Month wise rainfall report	23
09	Details of the mining leases in the district as per format	24-42
10	Details of royalty or revenue received in last three years	43-46
11	Details of production of minor mineral in last three years.	47-50
12	List of letter of intent (loi) holders in the district along with its validity as per the following format	52
13	Total mineral reserve available in the district	53-60
14	Demand and supply of the mineral in the last three years.	61
15	Details of the area of where there is a cluster of mining	64-70
16	Tuberculosis data RNTCP	78

### LIST OF MAPS

<b>SI No.</b>	<b>DESCRIPTION</b>	<b>Page No.</b>
01	Index Map of the District	08-12
02	Map showing River & Drainage pattern	16
03	Surface water body map of district	21
04	Ground water prospect map of district	22
05	Mineral Map of District	51
06	Mining Leases marked on the Map of the District	62-63
07	Health facility map of district	79
08	Transporting route map	130

## PREFACE

The Erstwhile Ministry of Environment and Forests(MoEF), (the Government of India, made Environmental Clearance (EC) for mining of minerals mandatory through its Notification of 27th January, 1994 under the provisions of Environment Protection Act, 1986. Keeping in view the experience gained in environmental clearance process over a period of one decade, the Ministry came out with Environmental Impact Notification, SO 1533 (E), dated 14th September 2006. The Ministry of Environment, Forests & Climate Change (MoEF&CC), Government of India had amended the said vide notification S.O. 141(E) Dated 15th January, 2016. Now again Ministry of Environment, Forests & Climate Change (MoEF & CC), Government of India amended the notification S.O. 141(E) Dated 15th January, 2016 vide S.O. 3611(E) Dated 25th July, 2018. It has been made mandatory to obtain environmental clearance for different kinds of development projects as listed in Appendix-X of the Notification. In compliance to the notification issued by the Ministry of Environment and Forest and Climate Change Notification no. S.O.3611 (E) NEW DELHI dated 25-07-2018 the preparation of district survey report of stone mining has been prepared in accordance with Clause II of Appendix X of the notification. Every effort has been made to cover laterite stone mining locations, future potential areas and overview of laterite mining activities in the district with all its relevant features pertaining to geology and mineral wealth. This report will act as a compendium of available mineral resources, geological set up, environmental and ecological set up of the district and based on data of various departments like Revenue, Water Resources, Forest, Geology and Mining in the district as well as statistical data uploaded by various state Government departments for preparation for district survey report. The main purpose of preparation of District Survey Report is to identify the mineral resources and developing the mining activities along with other relevant data of the District.

## OBJECTIVES

The main objective of the preparation of District Survey Report is to ensure the following

- Identification of mineral wealth in the district.
- Identification of areas of Minor Mineral having the potential mineral where mining can be allowed.
- Identification of areas of proximity to infrastructural structures and installations where mining should be prohibited.

## 01. INTRODUCTION.

Khordha is one of the new districts carved out of the former Puri District on 1st April, 1993. The other new district carved out of Puri was Nayagarh. In the year 2000, the district's name was changed from Khordha to Khordha. The district headquarters is located in Khordha Town, formerly known as Jajarsingh or Kurada, (kurada means foul mouthed). The old milestones of the area had the word KURADA which have now been white washed and the word "Khordha" is written on them. About the origin of the word Khordha (as earlier called) it is also told that the word is derived from two Odia words- "Khura" and "Dhara", meaning razor and edge, probably because the soldiers of Khordha were as sharp and dreadful as the edge of a razor. Neither of the two origins, however, can be called authentic. The history of Khordha depicts that in early days the area was densely populated by the Savaras, a tribal community who are still found in some pockets of the district. Over the period, however, its history is found closely associated with the history of Puri district. About the middle of the 10th century A.D. the rule of Bhoumakars was supplanted by that of the Somavamsis. Yayati-2, Mahasiva Gupta was the first Somavamsi king to occupy eastern Odisha. He and his son Udyot Mahabhava Gupta were great temple builders and the Lingaraj temple at Bhubaneswar has been attributed to them. The last king of this dynasty was Karnadeva, who was defeated and killed by Chodaganga Deva about 1110 A.D. Khordha ascended to eminence and glory at the time of the first King of Khordha dynasty Ramachandra Deva who selected Khordha as the capital of his kingdom in the later part of 16th Century. The reason was its strategic location as Khordha was guarded by Barunei Hill on one side and dense forest on the other. Despite repeated onslaughts from Maratha and Muslim cavalry, it managed to maintain the glory of its independence of royal fort till 1803. Therefore, the Royal Fort is spelt with reverence as "Khordhagada" and is referred as the "last independent fort" which remained free from the clutches of East India Company for a long period (from 1757, the Battle of Plassey after which the East India Company established company rule in Bengal till 1803). However, Khordha came fully under occupation of East India Company in 1827. The delay was a consequence of the strong revolts of the Paikas of Khordha

that greatly affected the Company administration in this region. History witnessed the brawn and bravery of the Paikas of Khordha during the Paika Rebellion of 1817-18 under the command of Bakshi Jagabandhu.

This resistance movement of Odias was recorded by the British historians as "Paik Rebellion", which was in fact, the first Independence war of India. It originated in Khordha soil and spread to other parts of Orissa in 1817 much prior to the outbreak of the historical Sepoy Mutiny of 1857. Mr. Walter Ewer recorded his views in his report of 1818, excerpt of which reads as: "Now there is no need of assistance of Paiks at Khordha. It is dangerous to keep them in British armed forces. Thus they should be treated and dealt as common Ryots and land revenue and other taxes should be collected from them. They must be deprived of their former Jagir lands (rent free lands given to the Paiks for their military service to the state)" Within a short period of time the fame of Paiks was forgotten. But even now where the Paiks are living as a group they have retained their previous aggressive nature. The British armed force advanced from Madras on 8th September 1803 and arrived at Puri on 16th September enroute Manikapatna. With the help of Fate Mohemmed of Malud (recruited by the Marathas as watchman) Colonel Harcourt reached Narasinghpatna after two days crossing the Chilika lake. The Britishers did not face any resistance while occupying Narasinghpatna and Puri. After occupying Jagannath temple of Puri, Colonel Harcourt proceeded to Cuttack crushing the feeble resistance of Marathas near Atharnala and Jagannath Sadak. The vanquished Maratha soldiers fled for life to Khordha jungle. Colonel Harcourt arrived at Cuttack enroute Barangagada crossing the river Kathajodi.

Under the able command of Captain Morgan a detachment of British troop arrived at Jampada of Balasore sea shore by ship and occupied the Maratha fort. Another detachment of British troop reached at Balasore enroute Medinipur (now Midnapore) under the command of Colonel Forgusson and joined the previous troop stationed at Balasore. The joint troops proceeded from Balasore to Cuttack and joined the soldiers of Colonel Harcourt and occupied the Barabati fort. In this way Odisha fell to the East India Company in the year 1803. Thus the Company became the ruler of most parts of India except the territory of Khordha.

In 1804 AD the English soldiers seized the fort of Khordha for three weeks and razed it to the ground by canon firing. They proclaimed Raja Mukund Dev-II as rebel, dethroned him and made him a prisoner of war. Raja Mukunda Dev-II submitted an appeal to the British authority stating that as per the instruction of Jayee Rajguru he had fought with them and he was in no way responsible for the battle. Considering the appeal the Britishers pardoned him and offered him the responsibility of managing the temple of Jagannath. He was also ordered to remain at Puri. Jayee Rajguru being the kingpin of Khordha Rebellion of 1804 was sentenced to death and was hanged on a banyan tree at Baghitota of Medinipur. The gruesome murder of Jayee Rajguru by the Company authority caused much discontentment among the Paiks of Khordha who thereafter under Bakshi Jagabandhu Bidyadhar rebelled against the Company. Khordha was ultimately annexed to British territory in 1827, after the rebellion was fully crushed.

Khordha is an important centre of handloom industry. The lungi, Gamchha & Sarees produced here and popular outside Odisha for its quality. There are a few Hindu mathas in Gada Khordha i.e. the old fort area of the town. The civic affairs of the town are managed by Khordha Municipality.

The erstwhile Puri district was divided to form three new districts in April 1993 and as a result Khordha district was formed taking Khordha & Bhubaneswar sub-divisions of Puri district.

Khordha district is located in the south-eastern part of Odisha, adjoining the coastal area. It occupies an area of about 2887.5 sq km. The district is bounded by latitudes 19° 40' to 20° 25' and longitudes is 84° 56' to 86° 05' and occupies parts of degree sheets 73 H, L, P & 74 I, A, E. It is surrounded by Cuttack district to the north, Ganjam and part of Puri district to the south, Puri district to the east and Nayagarh district to the west. Bhubaneswar – Vizayanagaram segment of the East-coast railway runs through the district along NE –SW direction. National Highway No. 16 running almost sub-parallel to the East coast railway line, passes through Khordha, the district headquarters and Bhubaneswar the state capital Khordha is about 30 km from Bhubaneswar and 12 km from Jatani, the nearest railway station of East coast railway. It has an average elevation of 75 m (246ft).

## 02. OVERVIEW OF MINING ACTIVITY IN THE DISTRICT.

Khordha district is indeed rich in minor minerals, which plays a vital role in supporting infrastructure development. The availability of minor minerals like stone, laterite, moorum, ordinary earth and sand sources contribute significantly to the local economy and construction industry. The artisan grade of khondalite does indeed occur in various parts of Khordha district. This mineral is known for its quality and is utilized in different applications, including construction and decorative purposes. The geology of Khordha provides a diverse range of materials that meet the demands of both residential and commercial construction.

The implementation of the i4ms system for minor minerals has brought about a more systematic approach to monitoring and managing these resources. Utilizing Drone surveys can improve operational efficiency by offering precise mapping and resource assessments, which aid in planning and management. The effective management and monitoring of these resources, along with the integration of technology, can significantly enhance sustainable development in the region, benefiting both the economy and the community.

### **Mineral Resources Overview:**

- **Laterite:** Laterite occurs as capping and develops by intensive weathering of underlying parent rock. These are porous, vesicular, concretionary often forms a hard crust, and can reach thicknesses of up to 10 meters or more.
- **Road Metal/Stone:** Road metals typically consist of durable and hard rock types that are suitable for construction and road building. It constitutes granite gneiss, charnockite, pyroxene granulite, khondalite and its variants which are invariably fractured jointed and associated with hairline cracks and other microstructures.
- **Morum:** Association of moorum with laterite is predominantly observed in the district. There are few moorum sources identified and proposed. Mainly these are used in filling up the project sites, laying out railway tracks etc.
- **Sand:** Daya, Bhargabi, Kuakhai and Kushabhadra rivers, emerging as distributaries from Mahanadi River system, drain southerly through the eastern flank of the district and merge either with the Chilika lake or with the Bay of

Bengal. The river system that carried sands into coasted depressions with their tributaries.

- Decorative Stone Lease:

Existing Sources:

1. Narangarh Khondalite

Holder: M/s OMC Ltd.

Lease Area: 4.672 hectares

Commencement Date: 01.12.2020

Lease Period: 30 years

Current Status: Working

2. Tutumberpalli Granite, Lessee Sri Maa Granites

Lease Area: 3.399 hectares

Commencement Date: 08.04.2016

Lease Period: 20 years

Current Status: Mining operations are halted, pending Consent to Operate from the Odisha State Pollution Control Board (OSPCB).

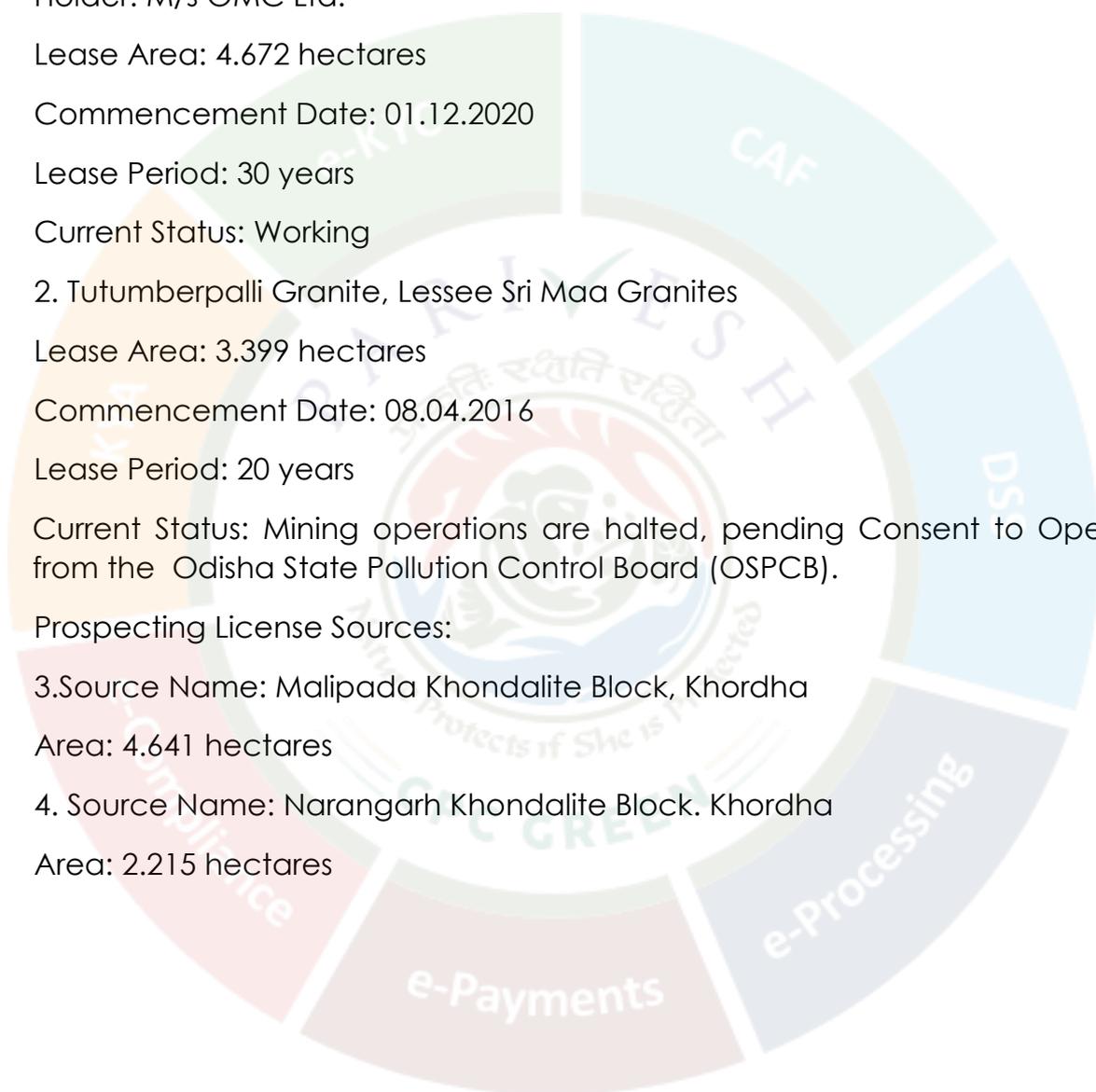
Prospecting License Sources:

3. Source Name: Malipada Khondalite Block, Khordha

Area: 4.641 hectares

4. Source Name: Narangarh Khondalite Block. Khordha

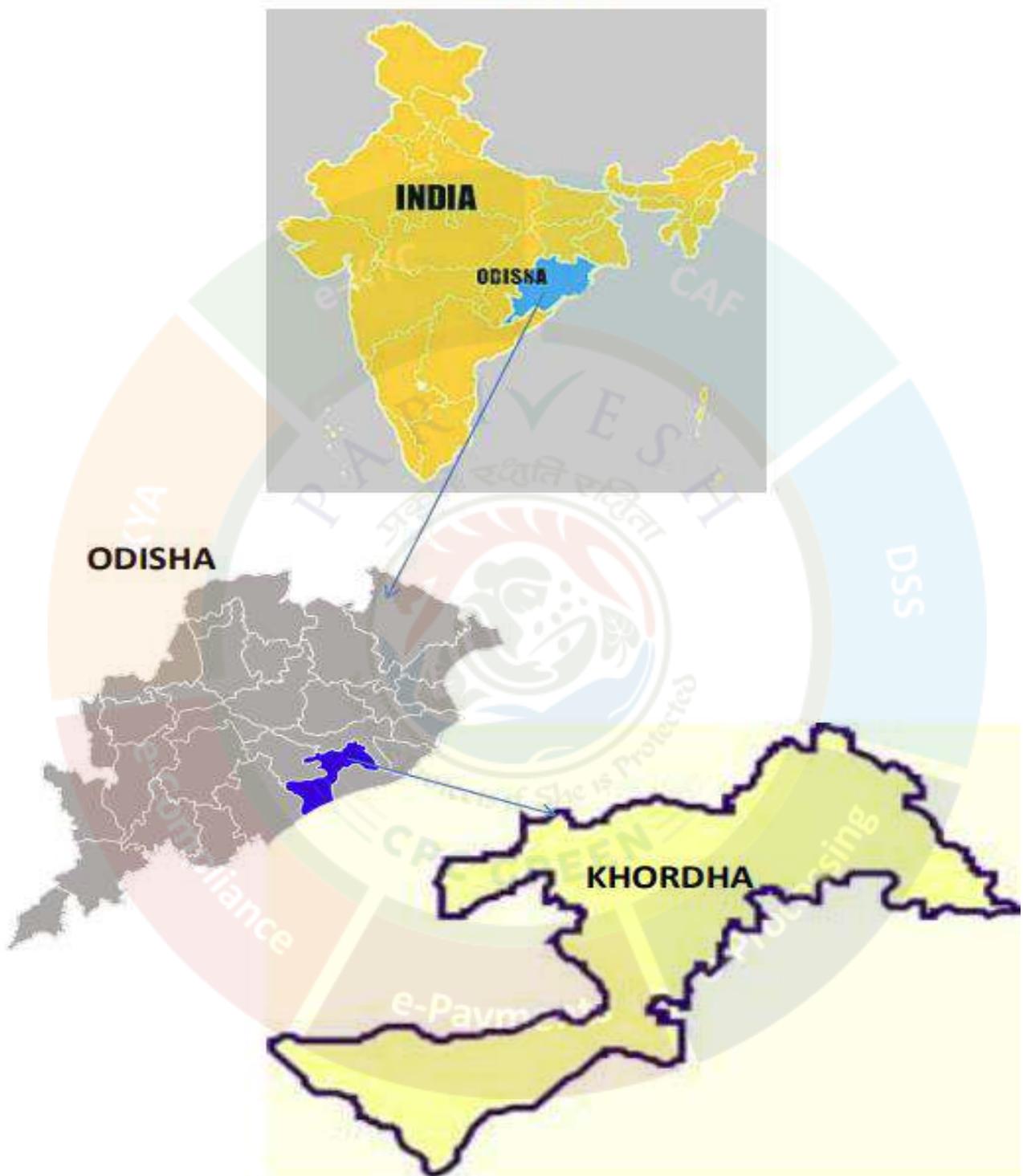
Area: 2.215 hectares

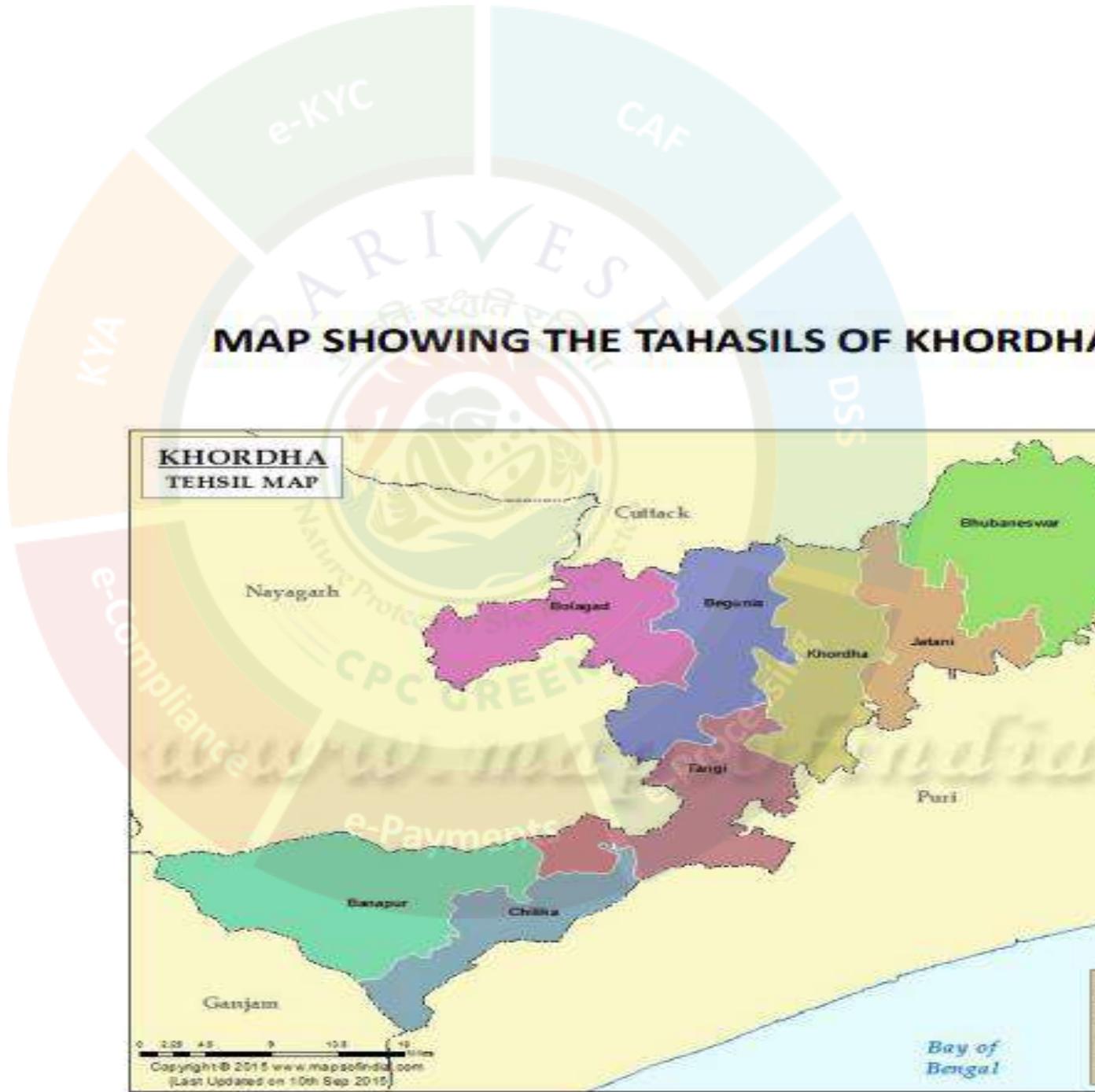


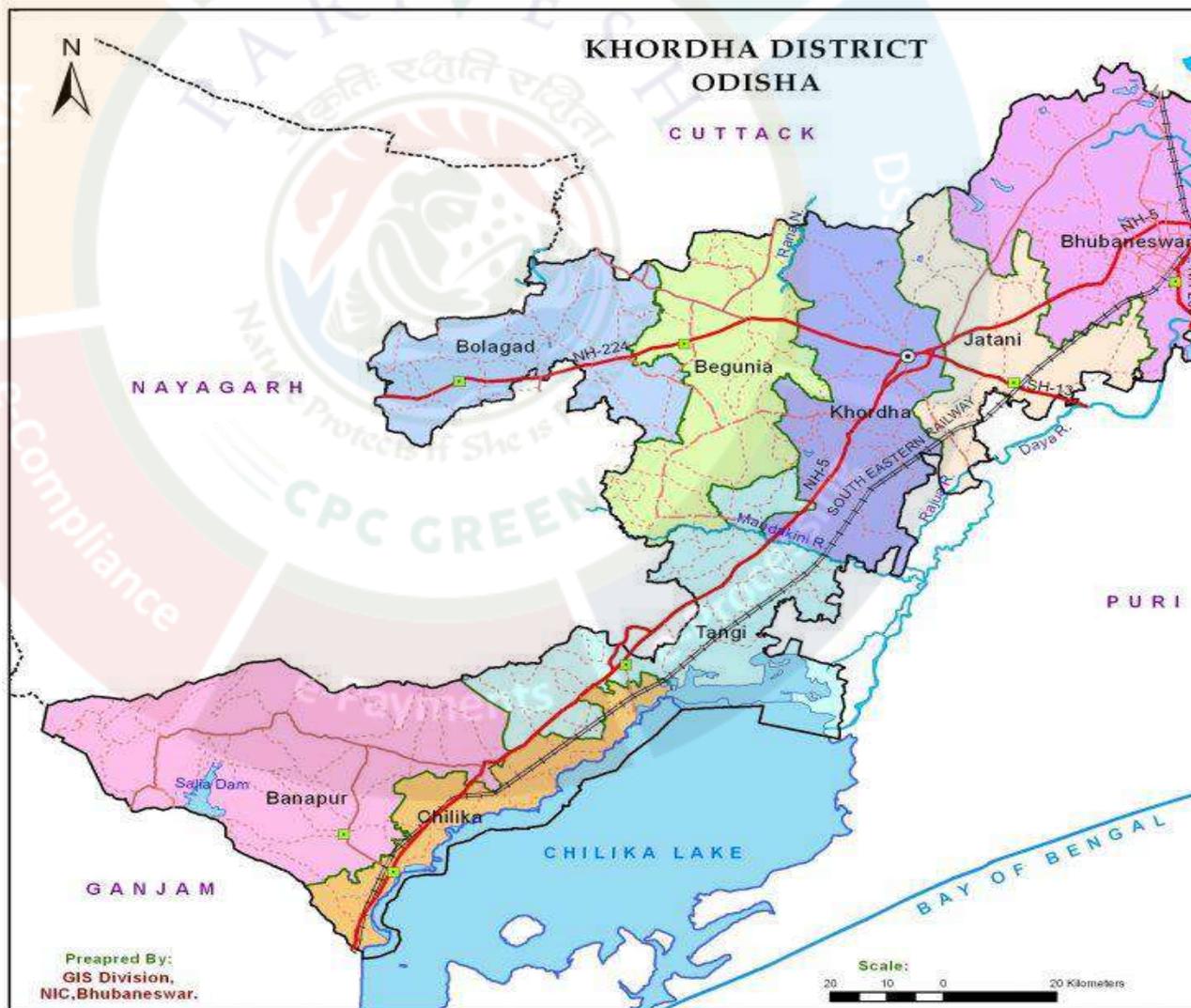
### 03. GENERAL PROFILE OF THE DISTRICT.

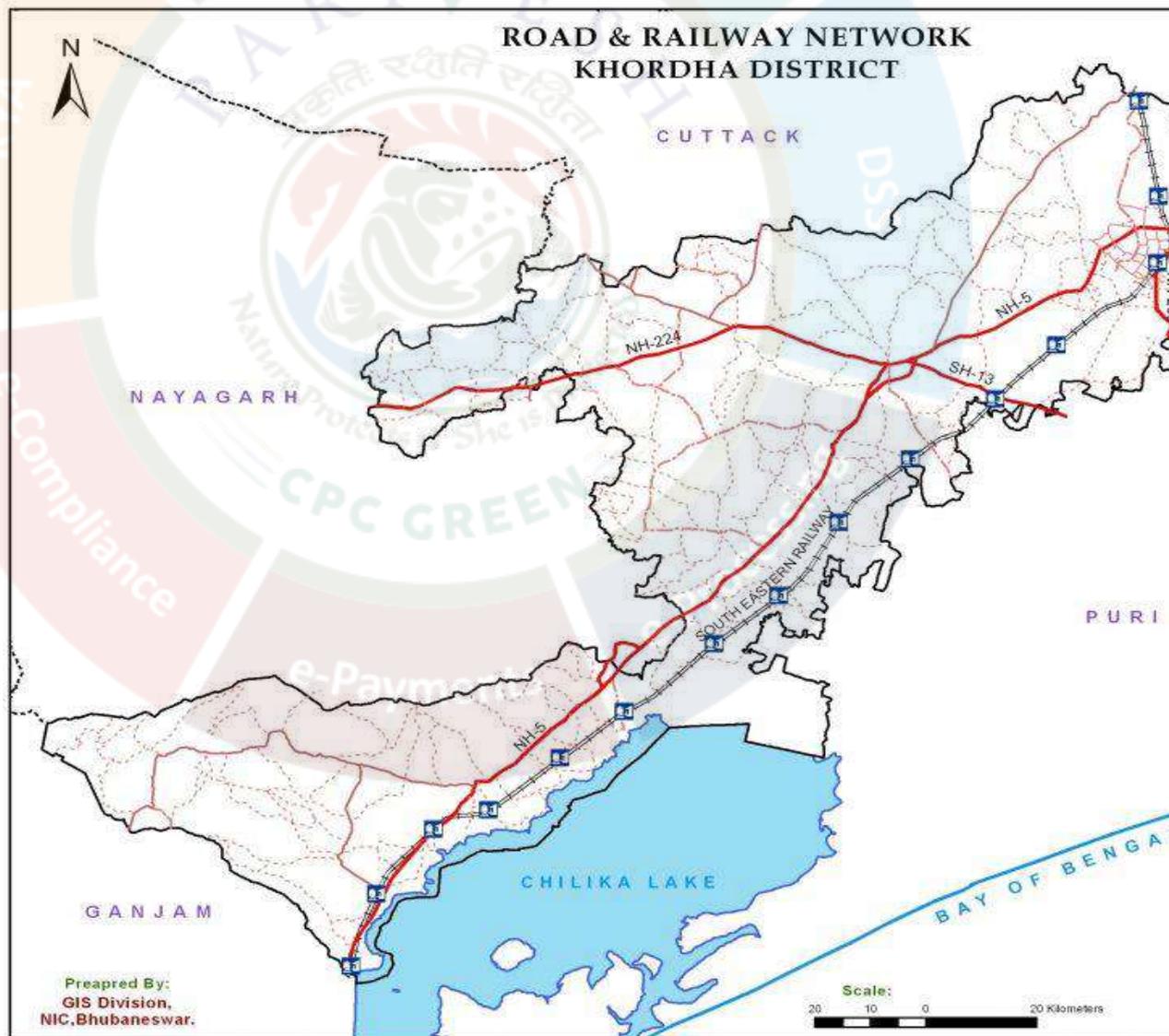
Geographical position	Longitude -84° 55' to 86° 5' Latitude- 19° 40' to 20° 25'
Area & Population	The district has an area of 2813 sq. km and 22.52 lakhs of population as per 2011 census. The district accounts for 1.81 percent of the states territory and shares 5.36 percent of the state's population. The density of population of the district is 800 per sq. Km as against 270 person per sq.km of the state. It has 1534 villages (including 178 un-inhabited villages) covering 10 blocks. 10 Tahasils and 2 sub-divisions. As per 2011 census the schedule caste population is 297472 (13.2%) and schedule tribe population 115051 (5.1 %). The literacy percentage of the district covers 86.9 against 72.9 of the state.
Climate	The climate condition of the district is generally hot with high humidity during April and May and cold during December and January The monsoon generally breaks during the month of July.
Industry & Mining	Khordha is an important centre of handloom industry. The lungi, napkin and saree produced here have an all Odisha market. Besides during the year 2014-15, 2187 nos. of small scale industries have been established with total capital investment of about Rs.10870.89 lakhs with 2176 nos. of Employment generated in the district. The district is also important for mining of minerals like decorative stone (Khondalite), building stone, laterite blocks, morrum & earth.
Power	Consumption of electricity in Khordha district during the year covers 1437.75 million units and revenue villages so far electrified as on 2013-14 is 1343 which constitutes 98.9 % to the total villages of the district.
Tourist Places	There are 19 nos. of tourist center such as Bhubaneswar, Dhauli, Khandgiri & Udayagiri, Nadankanan, Atri, Banapur, Barunei, Bhusandapur, Chilika (Barakul), Hirapur, Jayadev Kenduli, Gadamanitri, Rameswar, Madangiri (Mundiapada), Salia Dam-Barbara Hills, Kosalasuni, Thakuranipitha, Balipatna (Sisu Ananta Pitha), Shree Ananta Purusottam Dev (Jagulaipatna) and Sankat Mochan Mahavir Temple identified by department of Tourism and Culture, Odisha.
Transport & Communication	NH- 162.98 km SH- 25.97km Major district Road- 2555.08 km Other district road- 775.74 km Rural road- 1188.89 km Inter village road- 2424.00 km Intra village road- 1471.24 km Besides, 117.39 Kms. of Railway lines with 23 nos. of railway stations and passenger halts are there in the district.
Health	The medical facilities are provided by different agencies like Govt., Private individuals and voluntary organizations in the district. There were 282 nos. of the govt. Allopathic medical institutions with 965 beds facilities, 23 nos. of Homoeopathic dispensaries and 27 nos. of Ayurvedic dispensaries in the district during the year 2013-14.

## INDEX MAP

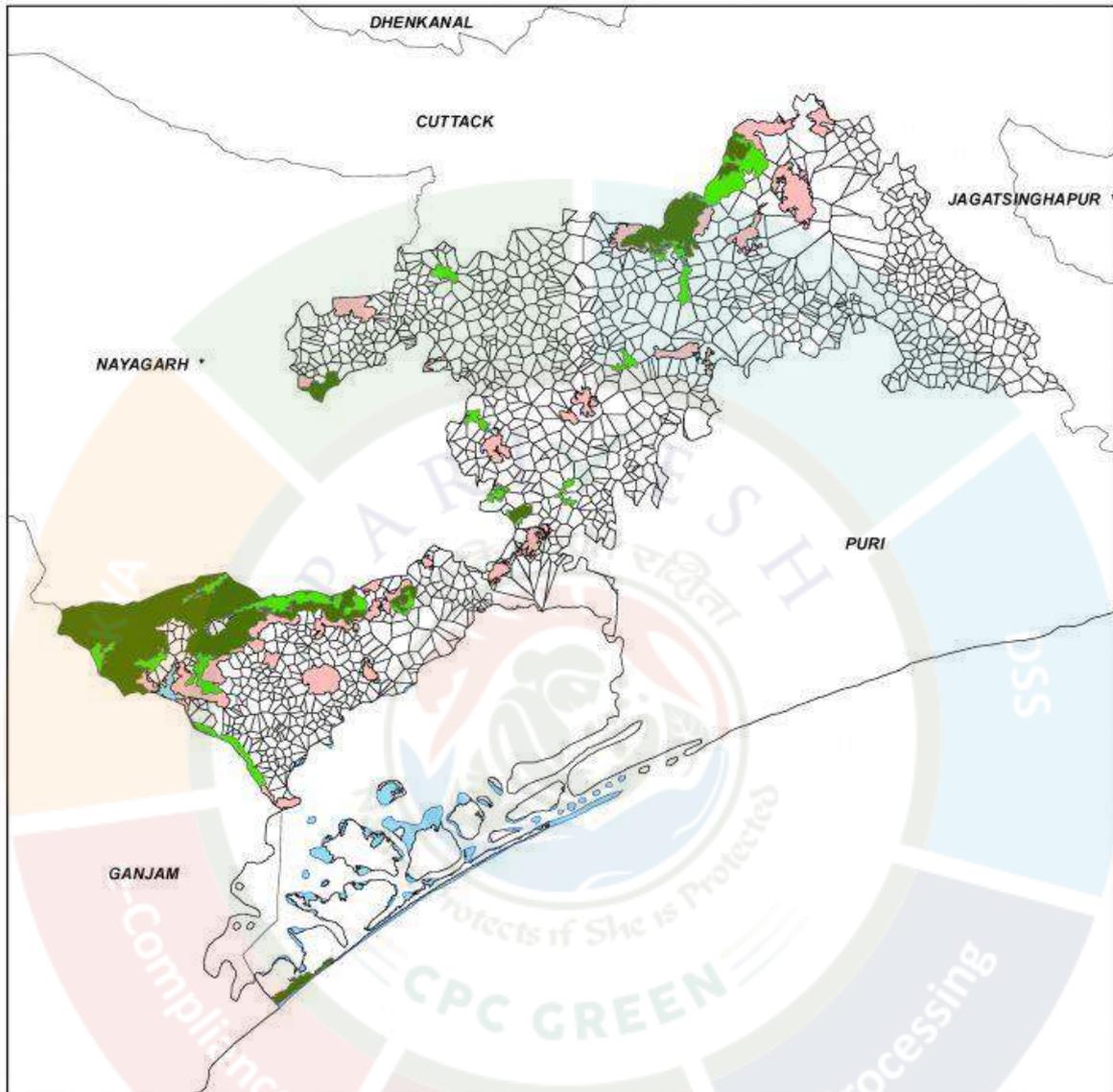




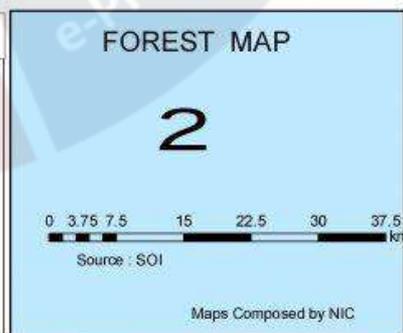




# DISTRICT ATLAS - KHORDHA



Legend	
	Dense Forest
	Open Forest
	Scrubland
	Waterbody
	State Boundary
	District Boundary
	VILLAGE BOUNDARY



#### **04. GEOLOGY OF THE DISTRICT.**

The Major geology in the district can be broadly classified into Eastern Ghat Super Group of Archean to Proterozoic age, Proterozoic intrusive, Gondwana Super Group of Mesozoic and Pleistocene to Holocene age of Quaternary period of Cenozoic Era.

The rocks belonging to EGSG are mostly quartzite, khondalite and their variants, charnockite and pyroxene granulite. They are found mostly on the western and south western parts of the district. The Eastern Ghat Super Group of rocks have been intruded by plugs/apophyses of anorthosite, popularly known as Banpur anorthosite/ Chilika lake complex, and are found as cluster of anorthosite bodies around Banpur, Rambha and Balugaon region in the southern & western side of Chilika lake and partly within the lake also. This pluton is emplaced in the core of an antiform (Perraju, 1960). Sarkar et al. (1981) deciphered 3 phases of folding (F1-F3) in the khondalite host rocks and considered emplacement of anorthositic complex syntectonically with F3. Xenoliths of metasediments (khondalite and calc-silicate gneisses) and charnockite in anorthosite and locally developed pyroxene hornfels grade skarn zones indicate the intrusive nature of the complex.

The rocks of Eastern Ghat Supergroup show foliation in NE-SW direction. Joint planes, wherever present, follow the same structural alignment. A prominent fault running ENE-WSW is recorded in north-western part of the district. Major lineaments trend in NE-SW direction. The NE-SW trending lineament passing through Baghamari houses a sulphurous hot spring at Atri and is of immense tectonic significance.

Granite gneiss of Archean to Proterozoic age, exposed in the western part of the district, are well foliated and are often garnetiferous. Quartz veins cut across the granulitic country at random.

Western & south-western part of the district is occupied by the hilly terrain of Eastern Ghats. The hilly area in the west gradually passes on to the low undulating rugged terrain towards the central part of the district. In the northern, eastern and south-eastern sides, the district is surrounded by the flood plain and deltaic deposits of Mahanadi river basin. Parts of Chilika lake and its set of

tributaries are the most conspicuous geomorphic features in the south. Daya, Bhargabi, Kuakhai and Kushabhadra rivers, emerging as distributaries from Mahanadi river system, drain southerly through the eastern flank of the district and merge either with the Chilika lake or with the Bay of Bengal. Kaipadar, about 10 km south west of Khordha, marks a water divide with Ran River flowing northerly to Mahanadi and Mandakini river flowing southerly to Chilika. The highest elevation attained in the district is at 568 mts. in its southwestern corner, while Chilika represents the lowest at mean sea level.

The exposures belonging to Athgarh formation of Upper Gondwanas (Lower Cretaceous) mostly occur as a cluster forming upland in the north, NE parts of the district, i.e. west of Bhubaneswar. They are comprising dominantly of sandstones classified as quartz arenite, sub-lithic arenite and lithic wacke (Mishra, 1988; Pal, 1990), characteristically lacking in feldspars in clastic components. This also includes conglomerates, grits, carbonaceous shale, variegated shale and fire clay; most of them as small lenticular bodies breaking the monotonous vastness of sandstones. Deep drilling in the coastal Odisha has indicated the extension of the formation below the alluvial cover of the Mahanadi delta and the coastal Tertiary succession (Pandya et al. 2000).

The earliest Quarternary deposit, the Bolgarh formation (Pleistocene age) occupies central and northern part of the district, overlying the khondalite group of rocks. It comprises hard crust laterite, latosol and also residual soil.

Brahmani formation (Pleistocene to Holocene) consists of residual soil and alluvium and occupies an appreciable part of the district and are particularly conspicuous in the eastern and southern part of the district adjoining Chilika lake. Bankigarh formation (Middle to Late Holocene) is occupied by north and NE part of the district i.e. east of Bhubaneswar. It mostly comprises brownish silty clay and occur in the flood plain / deltaic plains of Mahanadi River basin.

The district lacks any major mineral deposit of economic significance. Few fire clay deposits located in the north-eastern part of the district are the only deposits of minor minerals that are being mined presently by Tata Refractories Ltd. The other deposits that are being profusely exploited as Dimension and decorative

stone for construction material/polished slabs and artisan grade of khondalite around Tapanga and Kurumpada area.

Ground water occurs in the porous sedimentary formations and in the fractured igneous and metamorphic rocks in unconfined to confined conditions. The nala and gully erosion in the tributaries and distributaries of Mahanadi river basin and in Chilika lake are quite common.

### Stratigraphy:

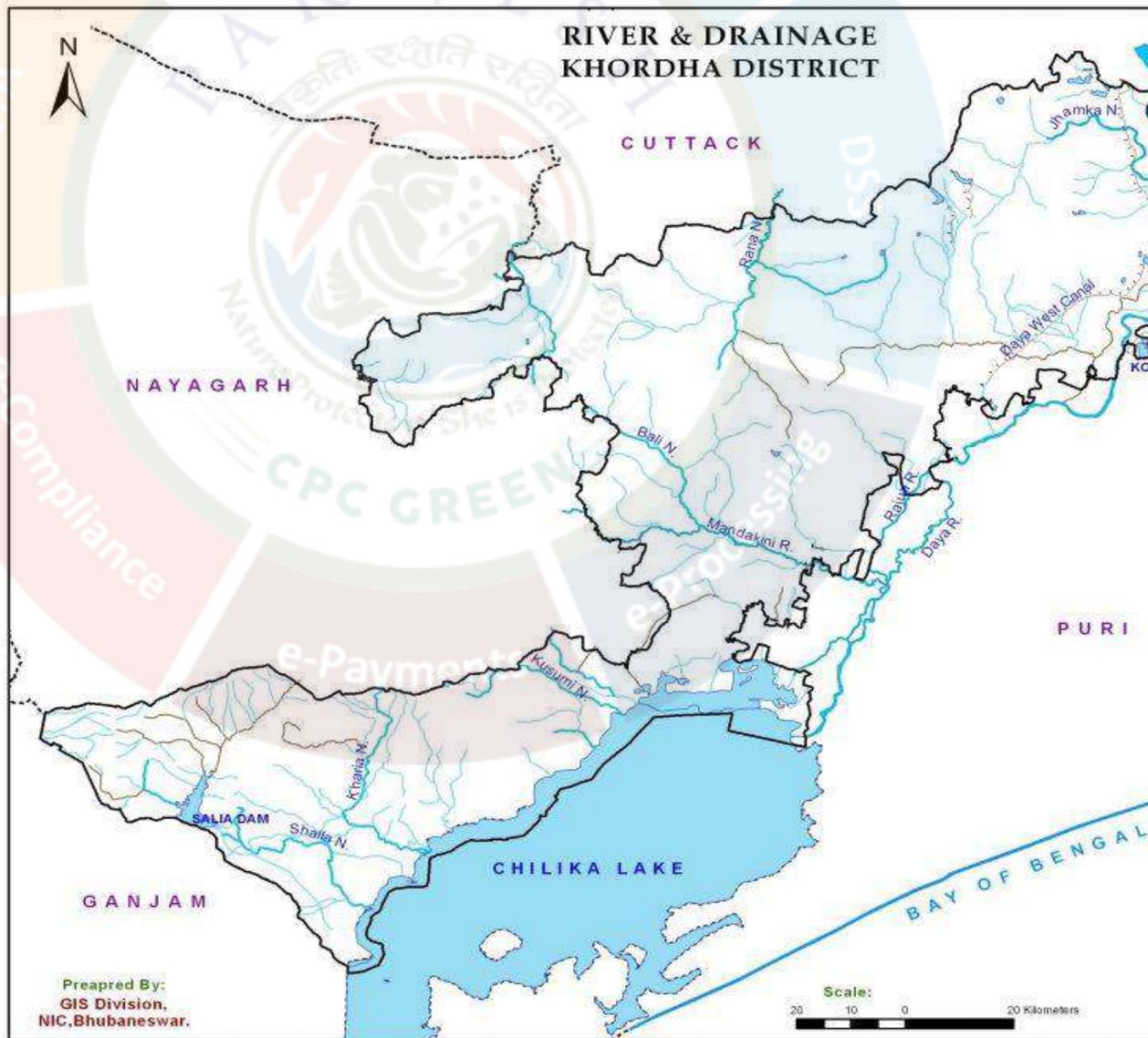
Phanerozoic	Quarternary	Mid to Late Holocene	Bankigarh Fm	Brownish silty clay
		Pleistocene to Holocene	Brahmani/ Mahanadi Fm	Residual soil and alluvium
		Pleistocene	Bolagarh Fm	Laterite/Latosol
	Gondwana Group	Super Lr Cretaceous	Athagarh Fm	Sandstone, Shale
Precambrian	Archean to Proterozoic	Eastern Ghat Sup Gp		Quartz vein Granite gneiss Anorthosite Charnockite gp of rocks Khondalite gp of rocks Quartzite

### 05. DRAINAGE AND IRRIGATION PATTERN.

The drainage of the district is mainly controlled by rivers like Kuakhai, Kusabhadra, Bhargavi & Daya. Detail of the river system is narrated below.

#### DRAINAGE SYSTEM WITH DESCRIPTION OF MAIN RIVERS

Sl No.	Name of the River	Place of Origin	Altitude of Origin	Total Length in the District(In Km)	Area Drained (Sq.Km)	% Areas Drained in the District	Process of Deposition of Sediments
1	Kushabhadra	Bhubanapur (Khordha dist)	11.8m	30.0	212.32	48.86	Slow
2	Bhargavi	Balakati (Khordha dist)	7.80m	14.0	Nil	Nil	Slow
3	Kuakhi	Mukameswar	25.92m	26.50	21.85	45.60	Moderate
4	Daya	Nathapur	18.180m	10.10	10.10	51.80	Slow
5	Malaguni	Baunshagarh (Nayagarh dist)	21.20m	35	8.40	62.87	Slow
6	Hada	Hatibari (Nayagarh dist)	19.80m	14	0.92	60.87	No deposition
7	Kusumidhar	Randa (Khordha dist)	60m	33	1.32	100.00	No deposition



**06. LAND UTILISATION PATTERN IN THE DISTRICT: FOREST, AGRICULTURAL, HORTICULTURAL, MINING ETC.**

**Forest:**

As per the data provided by the **Divisional Forest Officer, Khordha Division, Khordha**; the land use in the division is as follows

<b>Category of Forest Areas in Khordha Forest Division(Khordha District)</b>			
<b>Category of Forest</b>	<b>Number of Blocks</b>	<b>Area in Ha.</b>	<b>Percentage(%)</b>
Reserved Forest	13	19556.28	30.163
Proposed Reserved Forest	1	97.28	0.15
Demarcated Protected Forest	29	16602.59	25.608
Village Forest	103	677.945	1.046
Protected Forest	-	-	-
DLC Forest	278	5777.312	8.911
Revenue Forest	598	22123.443	34.123
<b>Total Forest Area</b>	<b>1022</b>	<b>64834.85</b>	<b>100</b>

As per the data provided by the **Divisional Forest Officer, Chandaka Wildlife Division, Bhubaneswar**; the land use in the division is as follows

<b>Category of Forest Areas in Chandaka Wildlife Division, Bhubaneswar</b>			
<b>Category of Forest</b>	<b>Number of Blocks</b>	<b>Area in Ha.</b>	<b>Percentage(%)</b>
Reserved Forest	7	9140.81	47.26
Proposed Reserved Forest	11	9219.19	47.67
Demarcated Protected Forest	1	53.87	0.27
Village Forest	0	0	0
Protected Forest	2	21.09	0.109
DLC Forest	0	20056.66	0
Revenue Forest	0	0	0
<b>Total Forest Area</b>	<b>21</b>	<b>38491.62</b>	

As per the data provided by the **Divisional Forest Officer, City Forest Division, Bhubaneswar**; the land use in the division is as follows

<b>Category of Forest Areas in City Forest Division</b>			
<b>Category of Forest</b>	<b>Number of Blocks</b>	<b>Area in Ha.</b>	<b>Percentage(%)</b>
Reserved Forest	1	317.28	40%
Proposed Reserved Forest	-	-	-
Demarcated Protected Forest	-	-	-
Village Forest	5	27.1	-
Protected Forest	-	-	-
DLC Forest	-	616.1424	
Revenue Forest	-	2708.527(Approx)	
<b>Total Forest Area</b>		<b>3669.0494</b>	

As per the data provided by the **Divisional Forest Officer, Chilika Wildlife Division**; the land use in the division is as follows

<b>Category of Forest Areas in Chilika Wildlife Division</b>			
<b>Category of Forest</b>	<b>Number of Blocks</b>	<b>Area in Ha.</b>	<b>Percentage(%)</b>
Reserved Forest	Nil	-	
Proposed Reserved Forest	Nil	-	
Demarcated Protected Forest	1	212.47	
Village Forest	1	13.745	
Protected Forest	Nil	-	
DLC Forest	2	212.074	
Revenue Forest	Not available	-	
<b>Total Forest Area</b>		<b>438.289</b>	<b>0.71%</b>

#### **Agriculture & Horticulture:**

Land utilization pattern in the district as per the department of agriculture & horticulture Khordha is as follows;

Blockwise Land Utilization Pattern in Khordha District									
Sl No.	Name of the Blocks	Geographical Area	Forest Area	Misc Tree & Groves	Permanent pasture	Culturable Waste	Land put to non-agricultural use	Barren & Unculturable Land	Other Fallow
1	2	3	4	5	6	7	8	9	10
1	Khordha	31860	7060	320	345	182	4607	2533	2185
2	Begunia	30610	4374	1725	558	914	3954	1836	620
3	Bolagarh	25260	4515	673	569	102	2826	735	10
4	Tangi	34374	5010	3247	814	3935	7293	1265	50
5	Chilika	20172	1892	770	580	93	3093	1586	410
6	Banapur	40650	20720	287	524	118	3001	2339	980
7	BBSR	45729	12109	829	571	616	13242	1149	4435
8	Jatani	23447	5158	1890	999	331	3991	1195	1880
9	Balianta	14971	854	273	172	225	1068	886	1458
10	Balipatna	14227	175	354	366	35	1175	482	720
District		281300	61867	10369	5498	6551	44250	14006	12748

### Mining:

The Khordha district of Odisha is known for mining a variety of minerals, including: Building stone, Laterite blocks, Morrums, and Earth. The major mining activities are diamond mining. Whereas other associated mining activities are related to morrum, sand & or nine nos of khondalite decorative stone sources reported in the district. The total mining types of minor mineral mining from which 374.07Ha for laterite mining, 44.26 Ha for diamond mining, 28.76Ha for brick earth mining, 35.96Ha for Morrums mining, 260.75Ha for Stone mining. Total mining area will be the sum of the lease areas present in the district, with the mining lease details table annexed herewith.

## 07. SURFACE WATER AND GROUND WATER SCENARIO OF THE DISTRICT.

The drainage systems i.e. rivers of the district gets filled with water during the monsoon and the gradually it decreases from the month of January to June of each year. In the summer season all rivers become almost dry excepting narrow flow of water within the basin.

**The depth to water level of hydrograph network stations in Khurda district for the year 2011**

Well No	Location	Jan-11	Apr-11	Aug-11	Nov-11
73H-4D30	Badlasason	1.64	2.05	0.18	0.78
73H-4C3	Baghmari	5.11	6.69	0.55	2.1
73H-4D5	Balipatna	1.04	1.84	0.4	0.73
74E-2A3	Balugaon	1.91	2.51	1.34	0.64
73H-3D9	Bhubaneswar-i	1.84	4.44	1.16	4.12
73H-4D25	Bhudiapara	8.32	1.9	0.25	1.3
74E-1B3	Bhusundapur	6.92	9.4	2.85	5.7
73H-4B3	Bolagarh	3.13	8.92	1.86	4.76
73H-4C1	Jankia	8.33	3.71	1.79	4.4
73H-4C4	Jatni	6.56	8.45	0.95	6.64
73H-4D16	Kapilaprasad	11.95	6.15	0.79	2.01
73H-3D5	Khandagiri	6.01	12.15	2.12	9.54
73H-4C5	Khurda	5.7	9.95	1.73	5.46
73H-4D20	Kuha	7.78	7.23	2.95	4.39
74E-1C1	Nirakarpur	5.4	7.53	3.2	6.45
73H-4B1	Pichkuli	10.42	6.37	0.54	2.31
74E-1B1	Tangi	-	12.33	3.7	7.45

(Source:- Ground water Information Booklet of khordha , CGWB)

The variation of ground water table in the district is as follows:

Sl No	District	Total Annual Ground Water(Ham)Recharge	Total Extraction(Ham)	Annual Extractable Ground Water Resource(Ham)
1	Khordha	46985.97	26216	42849.75

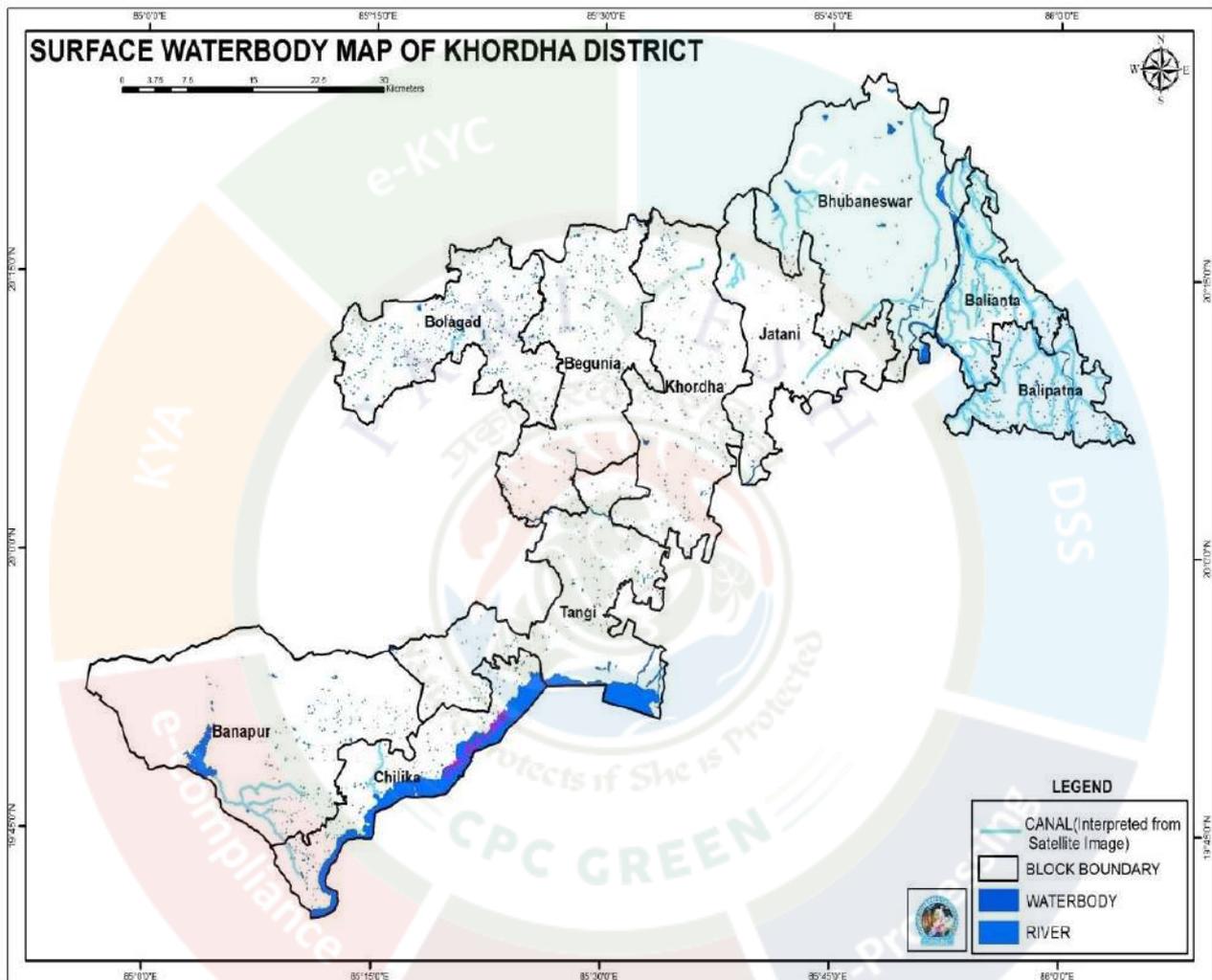


Figure:ii Surface Water body Map of Khordha District

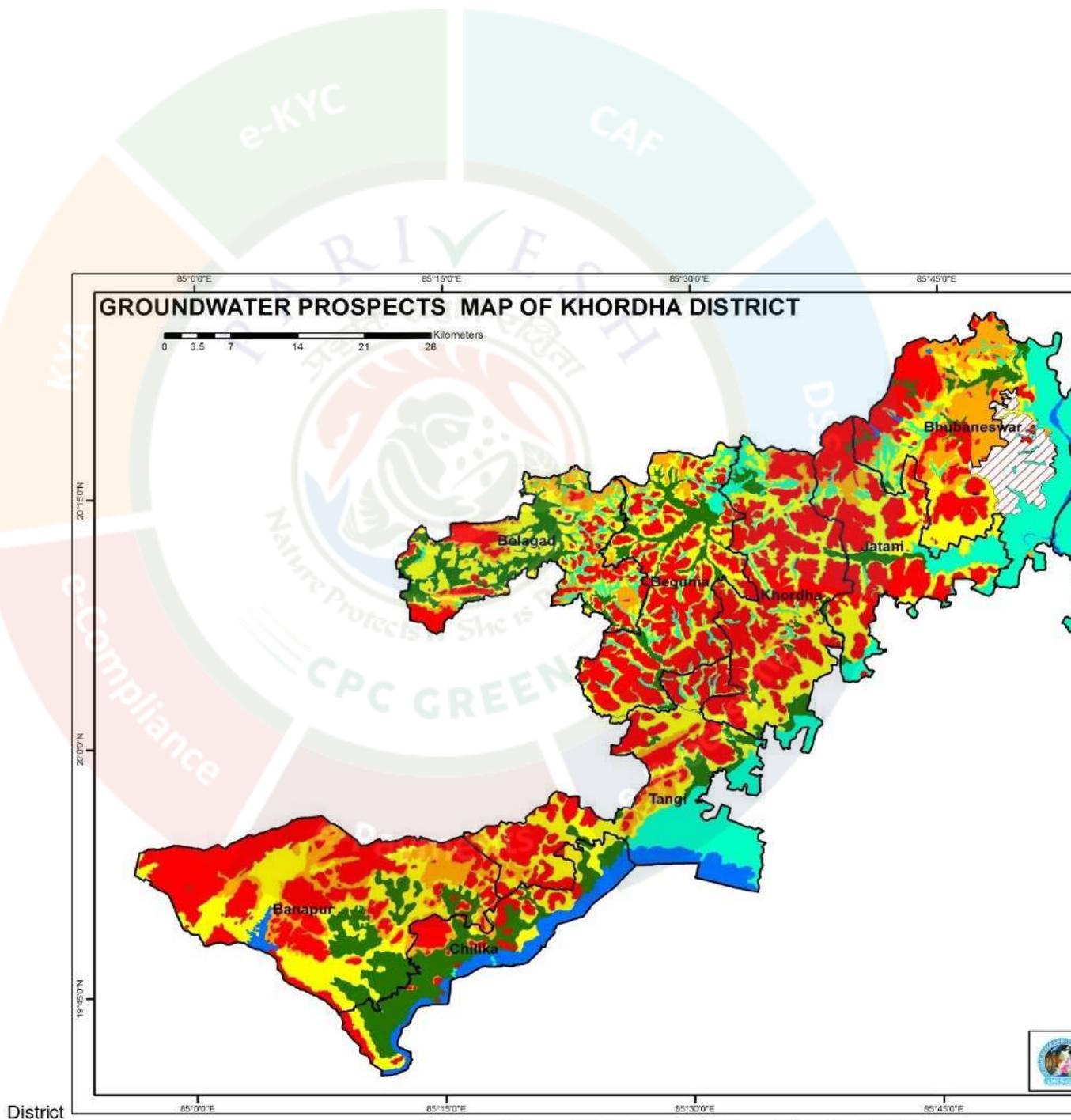
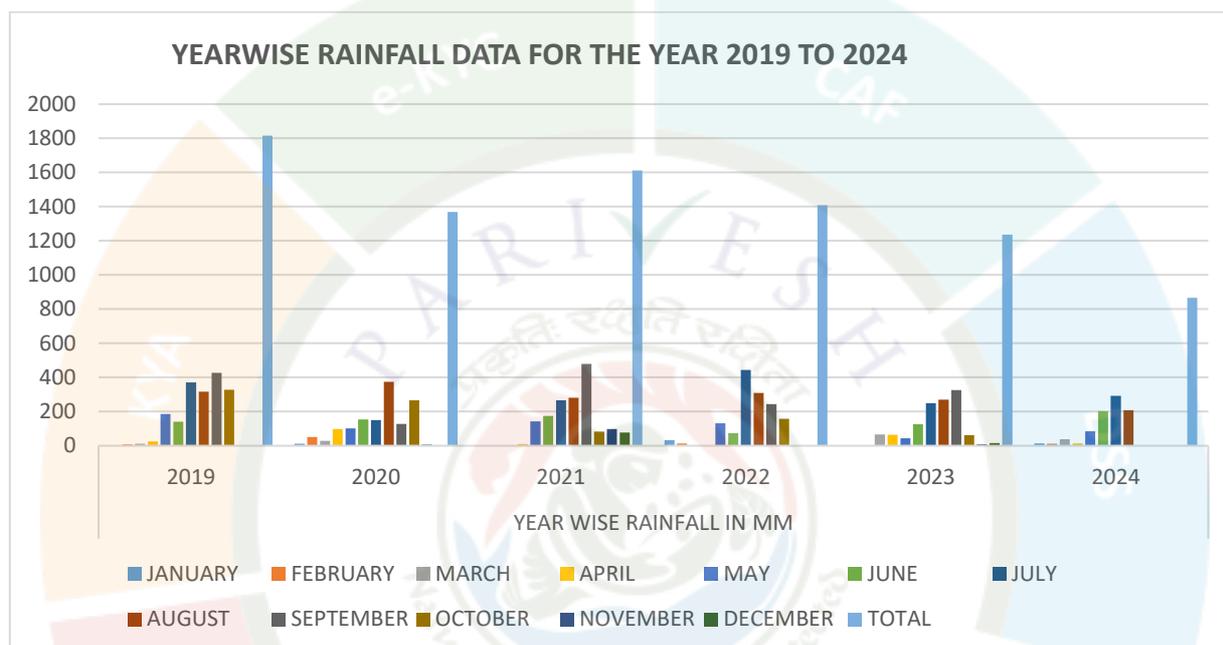


Figure:vii Ground Water Prospects Map of Khordha District

## 08. RAINFALL OF THE DISTRICT AND CLIMATIC CONDITION.

The district is generally hot with high humidity during April and May and cold during December and January. The monsoon generally breaks during the month of July and continues till end of October. The temperature goes as high as up to 45°C in the summer and up to 7 -8°C during peak winter.

The rainfall statistics of the district for last four years is given below:



YEAR MONTH WISE RAINFALL REPORT ( in mm ) OF KHORDHA DISTRICT FOR THE YEAR 2019 - 2024													
Year	January	Febuary	March	April	May	June	July	August	September	October	November	December	Total
2019	1.1	8.06	11.8	24.38	185.59	140.48	370.29	317.46	426.77	328.23	2.12	0	1816.28
2020	12.2	50.32	28.47	97.09	101.68	153.4	150.72	375.12	128.34	265.72	6.1	0	1369.16
2021	0	0	0	10.62	143.24	174.1	265.37	281.66	478.69	82.39	97.96	78.02	1612.05
2022	32.87	13.72	0	0.5	131.97	73.84	443.69	309.67	243.36	157.55	0	0	1407.17
2023	0	0	65.7	65.12	44.43	126.56	249.77	269.36	325.42	63.08	8	19.1	1236.54
2024	14.4	11.36	38.92	14.26	85.39	202.39	291.46	207.91	0	0	0	0	866.09

**09. DETAILS OF THE MINING LEASES IN THE DISTRICT AS PER THE FOLLOWING FORMAT.**

1	2	3	4	5	6	7		8	9	10
						From	To			
<b>A. NAME OF THE TAHASIL:- BOLAGARH</b>										
A1	PANCHUKOT-A BOULDER QUARRY	SRI RAMAKANTA PATTANAİK	AT/PO- BOLAGARH, KHORDHA	LETTRE NO- 1080, DATED- 07.06.2017	1.21Ac /0.489Ha	23.12.2020	22.12.2025	23.12.2025	WORK	
A2	GOBARDHANPUR-A BOULDER QUARRY	SRI BIJAY KUMAR PAHADSINGH	SRI BIJAY KUMAR PAHADSINGH, S/O- BHARAT CHANDRA RAUTRAY, AT- GOBARDHGANPUR, PO- BOLAGARH,, KHORDHA	LETTRE NO- 1360, DATED- 23.04.2021	2.5Ac/1.01 1Ha	4.4.2022	3.4.2027	4.4.2022	WORK	
A3	SAMPUR-A BOULDER QUARRY	SRI GOPABANDH U DEO MOHAPATRA	AT/PO- SAMPUR, PS- BOLAGARH, KHORDHA	LETTRE NO- 1084, DATED- 07.06.2017	0.4Ac/0.16 1Ha	23.12.2020	22.12.2025	23.12.2020	NON WORK	

A4	KUSAPALLA BOULDER QUARRY	REETA PARIDA	W/O- SHRI PRAVAT KUMAR PADIDA, AT-TRUTIYAPADA, PO/PS- BOLAGARH , KHORDHA, 752066	LETTER NO-245, DATED-11.03.2024	3Ac/1.214 Ha	Agreement under Process	Agreement under Process	Agreement under Process	NON WORK
A5	GOBARDHANPUR BOULDER QUARRY-B	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	4Ac/1.618 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
A6	SRICHANDANPUR BOULDER QUARRY	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	4.625Ac/1.871Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK

**B. NAME OF THE TAHASIL:- BANAPUR**

B1	NILAKANTHAPUR BOULDER QUARRY	SRI DURYODHAN A RANASINGH	AT- KAITHAPALLA, PO- BIRIBADI, TANGI, KHORDHA, 752027	1123/6.4.2021	9.04Ac/3.658Ha	17.3.2021	16.3.2026	17.3.2021	NON WORK
B2	SULIAPALI STONE QUARRY	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	12Ac/4.856Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK

**C. NAME OF THE TAHASIL:- TANGI**

C1	JARIPUT BLACK STONE QUARRY-10	PRANAY KUMAR RANASINGH	AT- KAYATHAPALLA, PO- BIRIBADI , TANGI, KHORDHA, 752027	1718/24.07.2020	0.315Ac/0.127Ha	10.3.2021	9.3.2026	10.3.2021	WORK
C2	NAYAKOTA BLACK STONE QUARRY	SATYA MULTIPLEX PVT LTD	N-6/321, IRC VILLAGE, NAYAPALLI, BHUBANESWAR	LETTER NO - 3543, DATED-27.11.18	2.75Ac/1.11Ha	08.02.2021	07.02.2026	08.02.2021	NON WORK

C3	BALARAM CHIPS METAL QUARRY	MAMATA PAIKARAY	AT- SITARAM COLONY, RAJA BAZAR, JATANI, KHAODHA	1154/ 22.07.2018	5.342Ac/2. 162Ha	26.5.2020	25.5.202 5	26.5.2020	NON WORK
C4	JARIPUT BLACK STONE QUARRY- 9	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	2Ac/0.809 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C5	JARIPUT BLACK STONE QUARRY- 11	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	12Ac/4.85 644Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C6	BRUSHABANDH A BSQ-1	SRI SATYAPIR SRICHANDAN	S/O- LATE SURENDRA SRICHANDAN, AT/PO- GURUJANGA, SRAUPADI KUTIR, KHORDHA, 752055	3546/ 27.11.2018	1.232Ac/0. 498	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C7	BRUSHABANDH A BSQ-3	SRI SATYAPIR SRICHANDAN	S/O- LATE SURENDRA SRICHANDAN, AT/PO- GURUJANGA, SRAUPADI KUTIR, KHORDHA, 752055	3545/ 27.11.2018	2.2Ac/0.80 9Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C8	BRUSHABANDH A BLACK METAL QUARRY- 5	SRI SHUBHABRAT A MOHANTY	S/O- SRIDHAR PRASAD MOHANTY, MEHENDIPUR, CHANDNI CHOWK, CUTTACK SADAR, DIST- CUTTACK, 753002	1602/ 25.04.2019	2.99Ac/1.2 14Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C9	JAYMANGALPU R BSQ-3	SAROJ KUMAR MOHANTY	AT/PO- KHUNTAKATA, ATHAGAD, CUTTACK, 754029	1206/12.3.2 020	2.2Ac/0.89 0Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK

C10	JAYMANGALPUR BSQ-2	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	1.3Ac/0.526Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C11	JARIPUT BLACK STONE QUARRY-D	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	3Ac/1.214 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C12	JARIPUR BLACK STONE QUARRY-C	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	3Ac/1.214 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C13	JARIPUT BLACK STONE QUARRY-A	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	3Ac/1.214 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C14	JARIPUT BLACK STONE QUARRY-B	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	3Ac/1.214 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C15	JAYAMANGALPUR BSQ- 1	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	2.2Ac/0.890Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C16	DAMANABHIN BSQ-1	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	9.195Ac/3.721Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
C17	BHRUSABANDHA BLACK STONE QUARRY-6	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	4.50Ac/1.821Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK

C18	DAMANBHUIIN BSQ-2	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	0.603Ac/0. 244Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
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**PRIVATE PLOTS(NEW SOURCES)**

C19	NAYAKOTA STONE QUARRY- 632/1288	New proposed source	New proposed source	New proposed source	0.45Ac/0.1 82Ha	New proposed source	New proposed source	New proposed source	NON WORK
C20	JAYMANGALPU R STONE QUARRY-81	New proposed source	New proposed source	New proposed source	0.955Ac./0 .38Ha	New proposed source	New proposed source	New proposed source	NON WORK

**D. NAME OF THE TAHASIL:- KHORDHA**

D1	BERAHAMPURA ROAD METAL QUARRY	KANNAN EARTHMOVER S	FLAT NO- 505, BLOCK D7, HITECH PLAZA, MADHIPUR KUHA, BHUBANESWAR, ODISHA-751002	LETTER NO- 336, DATED- 20.03.2024	5.415Ac/2. 191Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
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**SJTA(EXISTING)**

D2	SANKHARI EAST- WEST BUILDING STONE QUARRY (KA)	Rabi Saran Singh, S/L- Late Rajendra prasad Singh	At:-New Rauspatana, Purighat, Cuttack, 7008992830	8943/16.08. 2018	11.910Ac. / 4.82 Ha.	22-23	25-26	23.11.22	WORK
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D3	SANKHARI EAST WEST NEW BUILDING STONE QUARRY (KHA), KAIPADAR	Managing Director, Fortune Associates Pvt. Ltd.,	At:-Plot No.155/2010, Unit-14, Pabitradiha, Kamargoda, Keonjhar/Mob NO. 9777220126	8924/16.8.2018	8.45Ac /r Ha.3.42	22-23	26-27	1.8.2022	WORK
D4	SANKHARI EAST WEST BUILDING STONE QUARRY (GA), KAIPADAR	Director, Ra Niwas Yadav, S/O-Late Simbhu Singh	At:- H. No.1024, Sector-4, Gurgaon, Haryana, 9212178813	9627 dt. 6.12.2019	9.830Ac / 3.98 Ha	23-24	27-28	28.11.23	WORK
D5	SANKHARI EAST WEST BUILDING STONE QUARRY (GHA), KAIPADAR	Director, Ra Niwas Yadav, S/O-Late Simbhu Singh	At:- H. No.1024, Sector-4, Gurgaon, Haryana, 9212178813	9635 dt. 6.12.2019	10.88Ac / 4.40Ha	23-24	27-28	28.11.23	WORK
D6	SANKHARI SOUTH NEW BUILDING STONE QUARRY (CHA), KAIPADAR	Sri Soubhagya Chandra Das, S/O-Late Sachidananda Das	At:- By Pass Road, Talcher,Angul/ 9438664222	9311/26.11.2019	3.500Ac /1.42 HA	21-22	25-26	10.01.22	WORK
D7	SANKHARI SOUTH NEW BUILDING STONE QUARRY (CHHA)KAIPADAR	Smt. Debasmita Samantray, W/O- Biswaranjan Khatei	At:- T-76, Metro Satellite City, Rudrapur, Hanspal, Baliana, Khordha/Mob No.9776666598	5818/30.9.22	10.01Ac. or 4.05 Ha	23-24	27-28	07.03.24	WORK
D8	SANKHARI SOUTH NEW BUILDING STONE QUARRY , KAIPADAR	Smt. Malati Routray, W/O-Prakash Chandra Routray	At:- Durgapur,P.O-Bajpur,P.S-Khordha Sadar, Khordha/ Mob No.9776776817	Approved	1.000Ac / 0.0405 HA	21-22	25-26	18.4.22	WORK

D9	SANKHARI SOUTH NEW BUILDING STONE QUARRY (KA), KAIPADAR	Sri Subhramsu Sekhar Padhi, S/O-Sri Narayan Chandra Padhi	At:- Plot No. 3840, Barimunda, P.S-Mancheswar, Bhubaneswar, Khurdha/ Mob No.8249398364	4634/23.04.2024	4.95 Ac./2.02 Ha.	Quarry operation not started	Quarry operation not started	Quarry operation not started	NON WORK
D10	KAIPADAR NEW BUILDING STONE QUARRY (KA), KAIPADAR	Srikant Ranjan Badu, S/O-Kunja Bihari Badu	At:- Plot No.428, Badambadi near Laxmi Mandap, Po:- Aurundaya Market, Badambadi, Cuttack, 9861049070	4439 dt.29.7.21	7.500Ac. / 3.00 Ha.	23-24	27-28	22.6.23	WORK
D11	DHANIA BUILDING STONE QUARRY (E), KAIPADAR	Smt. Debajani Praharaj, W/O-Sudhir Kumar Praharaj,	Plot No. L/1716, Phase - II, At/P.O-Dumduma Housing Board Colony, P.S-Khandagiri, Khordha, Mob No.9437309584	8467/2.12.2020	3.345 Ac. / 1.35 Ha	21-22	25-26	28.01.2022	WORK
D12	DHANIA NEW BUILDING STONE QUARRY(F), KAIPADAR	Jagadish Baral, S/O-Jatindranath Baral	Plot No.1719/1905, Bagalpur, Sundargram, Olatpur, Cuttack, 7978235239	4415/29.7.21	6.25Ac. / Ha. 2.53	23-24	27-28	04.04.23	WORK
D13	DHANIN WEST BUILDING STONE QUARRY (GA),KAIPADAR	Shyam Sundar Mohanty, S/O-Ranjan Ku. Mohanty	At:- NA-45, GGP Colony, Rasulgarh, Bhubaneswar, Khordha, 9337111429	9485 dt.30.11.2019	Ac.4.279 / Ha.1.732	21-22	25-26	21.1.22	WORK
D14	DHANIA WEST BUILDING STONE QUARRY (GHA) KAIPADAR	Sri Subrat Ku. Nayak, S/O-Ramakanta Nayak	At:- Plot No.54, Budheswari Colony, Laxmisagar, P.S-Laxmisagar, Bhubaneswar, Mob No.9937007777	9430/29.11.2019	Ac.2.67 /Ha.1.07	21-22	25-26	27.05.22	WORK

D15	DHANIA NEW BUILDING STONE QUARRY UTTARA TARAF (TA) KAIPADAR	Soubhagya Chandra Das, S/O- Sachidananda Das	At:- By Pass Road, Talcher,Angul/ 9438664222	4022/28.6.2 019	Ac.7.510 / 3.04 Ha	21-22	25-26	10.01.22	WORK
D16	DHANIA NEW BUILDING STONE QUARRY UTAR TARAF (DA), KAIPADAR	Mr. Ajay Agarwal, S/O-Late Ramdas Agarwal	At:- Plot No. 143,VIP Colony, P.O-Nayapali, IRC Village, P.S-Nayapali, Bhubaneswsar/ Mob. No.9437060389	8937/16.8.2 018	Ac.11.250 /4.55Ha	23-24	27-28	05.10.23	WORK
D17	DHANIA SOUTH EAST NEW BUILDING STONE QUARRY, KAIPADAR	Soubhagya Chandra Das, S/O- Sachidananda Das	At:- By Pass Road, Talcher,Angul/ 9438664222	4026/28.6.2 019	Ac.5.00 /2.02 Ha.	21-22	25-26	24.12.21	WORK
D18	DHANIA NEW BUILDING STONE QUARRY (JA) KAIPADAR	Sri Veenit Lalani, S/O- Late Tilak Chand Lalani	At:-Plot No.3433, B-29, Jay Durga Nagar,P.S-Laxmisagar, Bhubaneswar/ 8596909090	3784/18.6.2 019	1.821 HA /4.5 AC	21-22	25-26	06.04.22	WORK
D19	DHANIA NEW BUILDING STONE QUARRY SOUTH EAST (CHHA), KAIPADAR	Sri Jatindra Das, S/O-Late Basudev Das	At:-Kakat, P.O/Dist:- Kendrapara, At/Pre:-C/O-Surendranath Pattanaik, Sudha Nivas, Lokeswarpur, Sanapalla, P.O- Pallahat, Khordha Mob. No.9777395669	2270/26.3.2 019	Ac.9.610/ 3.89 Ha	22-23	26-27	21.7.2023	WORK

D20	DHANIA WEST NEW BUILDING STONE QUARRY (KHA)KAIPADAR	Meenakhi Pradhan, W/O-Late Jagannath Pradhan	At/P.O-Samantarapur, Ps/Dist;- Khordha/ Mob No.9437911636	2268/26.3.2019	Ac.2.70 /1.09 Ha	21-22	25-26	20.05.22	WORK
D21	DHANIA NEW BUILDING STONE QUARRY NORTH SIDE (THA),KAIPADAR	Sri Taraknath Das, S/O-Dinesh Chandra Das	At/PO-Chandrasekharpur, Bhubaneswar, Khordha/ Mob No.9937393222	1550/15.2.2019	3.000 Ac. or 1.21 Ha.	21-22	25-26	17.1.22	WORK
D22	DHANIA NEW BUILDING STONE QUARRY UTTAR TARAF (UNA),KAIPADAR	Smt. Sunita Swain, W/O-Maruta Kumar Swain	At:- Pratapnagari, PO-Bhanapur, PS-Cuttack Sadar,Cuttack/ Mob No.8328924973	4190/26.4.2017	10.000 AC/4.05 Ha	21-22	25-26	17.1.22	WORK
D23	DHANIA NEW BUILDING STONE QUARRY EAST SIDE (CHA), KAIPADAR	Sri Veenit Lalani, S/O-Late Tilak Chand Lalani	At:- Plot No.3433,B-29, Jayadurganagar, PS-Laxmisagar,Bhubaneswar, Khurdha/ Mob. No.8596909090	10445/29.9.2018	10.00Ac./ 4.05Ha	21-22	25-26	06.04.22	WORK
D24	HATIA NEW BUILDING STONE QUARRY (CHHA) NIJIGADA TAPANG	Sri Jagadish Sankar Sahoo, s/O-Sri Raghunath Sahoo, M.D. Satya Multiplex Pvt. Ltd.	At:-N/6-321, IRC Village, P.S-Nayapalli, Bhubaneswar/Mob No,9938083495	3001 dt.2.5.2019	9.000Ac / 3.65Ha	22-23	26-27	9.5.22	WORK
D25	HATIA NEW BUILDING STONE QUARRY (JA) NIJIGADA TAPANG	Smt. Sasmita Rautray, W/O-Late Sudipta Rautray	At/PO- Nijigada Tapang, P.S-Khordha Sadar, Khordha/ Mob. No.9178168448	8931/16.8.1018	6.0Ac / 2.42 Ha	21-22	25-26	20.01.22	WORK

D26	HATIA NEW BUILDING STONE QUARRY (GHA) NIJIGADATAPANG	Sri Rabi Saran Singh, S/O-Late Rajendra Prasad Singh	At:-Rausa Patna, Cuttack/ Mob. No.7008992830	8472/2.12.2020	6.00 Ac / 2.400 Ha	21-22	25-26	24.12.21	WORK
D27	KAIPADAR NEW BUILDING STONE QUARRY, KAIPADAR	Sri Debendranath Jena, S/O-Late Dwijendralal Jena	At:-Upparsahi, PO/PS/Dist:- Khordha/ Mob. No. 7978256713	2321/28.03.2019	10.00 Ac /4.05 Ha.	22-23	26-27	03.11.22	WORK
D28	HATIA NEW BUILDING STONE QUARRY (JHA) NIJIGADA TAPANG	Sri Prasanna Kumar Sahoo, S/O-Late Udayanath Sahoo	At:-Paltanpadia, Po/P.S/Dist:- Khordha/Mob. No.7008747829	2265/26.3.2019	6.000Ac. / 2.430 Ha	23-24	27-28	24.04.2023	WORK
D29	GOLAPUTKHUA BUILDING STONE QUARRY (KHA), NIJIGADA TAPANG	Mr. Satyapir Srichandan, S/O-Late Surendra Srichandan	At/PO-Gurujang, P.S/Dist:- Khordha/Mob No.9423072825	9426/29.11.2019	6.56Ac or 2.66 Ha	22-23	26-27	25.11.2022	WORK
D30	DHANIA WEST BUILDING STONE QUARRY (KA) KAIPADAR	Sri Subrat Ku. Nayak, S/O-Ramakanta Nayak	At:- Plot No.54, Budheswari Colony, Laxmisagar, P.S-Laxmisagar, Bhubaneswar, Mob No.9937007777	9315/26.11.2019	8.29 Ac / 3.36Ha	22-23	6-27	13.07.2023	NO WORK
D31	NEW BUILDING STONE QUARRY (KHA) KAIPADAR	Mr. Nrendra Singh Malhotra, S/O-Late Udham Singh Malhotra, M/s Utkal Highways Partner	At:- HIG-6, Gangadhar Meher Marg, Jayadev Vihar, Bhubaneswar, , Mob No. 9437021714	4435/29.7.2021	7.5100Ac / 3.04Ha	21-22	25-26	27.2.2022	WORK

D32	WHITE STONE QUARRY, KIAJHARI	Mr. Satyapir Srichandan,S /O-Late Surendra Srichandan	At/P.O-Gurujanga Ps/Dist;- Khordha/ Mob No. 9423072825	11192/02.09 .2023	1.000 Ac / 0.40Ha	23-24	27-28	21.03.2023	WORK
D33	DUBURI NEW BUILDING STONE QUARRY , NIJIGADA TAPANG	Sri Sukanta Kumar Bishwal, S/O-Late Rabindra Kumar Bishwal	At:-669, Pratikhya Ekamravihar, IRC village, Bhubaneswar, Khordha/ Mob No.7381966616	8934/16.8.2018	6.47 Ac / 2.62Ha	21-22	25-26	2.05.2022	WORK
D34	HATIA NEW BUILDING STONE QUARRY (GA) NIJIGADA TAPANG	Sri Durga Prasanna Nayak, S/O-Late Dadhiram Nayak	At/P.O-N-4/208, IRC Village, P.S-Nayapali,Bhubaneswar, Khordha/Mob No.9937805882	5529/16.9.2024	2.600Ac / 1.05Ha	22-23	26-27	24.07.2023	WORK
D35	HATIA NEW BUILDING STONE QUARRY (TA) NIJIGADA TAPANG	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	9.0 Ac / 3.64Ha	Quarry operation not started	Quarry operation not started	Quarry operation not started	NON WORK
D36	NEW BUILDING STONE QUARRY , KAIPADAR (GA)	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	2.50Ac / 1.0 ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D37	SANKHARI NEW BUILDING STONE QUARRY JODAAMBA (GHA) KAIPADAR	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	10.00Ac / 4.047Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK

D38	HANUMANTIA BUILDING STONE QUARRY (GA), MALIPADA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	1.087A c/ 0.44 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D39	HATIA BUILDING STONE QUARRY (KA), NIJIGADATAPANG	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	1.275Ac / 0.516Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D40	HATIA BUILDING STONE QUARRY (UNA) NIJIGADATAPANG	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	6.0Ac / 2.428Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D41	HATIA NEW BUILDING STONE QUARRY (CHA) NIJIGADATAPANG	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	6.0Ac / 2.43Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D42	WHITE STONE QUARRY , MALIPADA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	1.01Ac / 0.41 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D43	HANUMANTIA BUILDING STONE QUARRY , MALIPADA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	10.549Ac / 4.27Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK

D44	GOLAPUTKHUA BUILDING STONE QUARRY (KA), KIAJHARI	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.58.250 / 23.58 Ha.	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D45	HATIA BUILDING STONE QUARRY (THA) NIJIGADA TAPANG	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.8.000 / 3.2 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D46	CHHATRAMA BUILDING STONE QUARRY (KA), CHHATRAMA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.8.734 / 3.53 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D47	CHHATRAMA BUILDING STONE QUARRY (KHA), CHHATRAMA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.8.000 / 3.24Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D48	CHHATRAMA BUILDING STONE QUARRY (GA), CHHATRAMA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.6.117 / 2.475 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D49	KALINGA BUILDING STONE QUARRY (KA) JHINKIJHARI	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.6.97 / 2.82 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D50	KALINGA BUILDING STONE QUARRY (KHA) JHINKIJHARI	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.7.44 / 3.01 Ha.	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D51	KALINGA BUILDING STONE QUARRY (GA) JHINKIJHARI	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.7.61 / 3.08 Ha.	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK

D52	SANKHARI DHOBI (UAN) BUILDING STONE QUARRY	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.7.5 / 3.0 Ha.	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D53	TANGENI BUILDING STONE QUARRY, KAIPADAR	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.24.89 / 10.07 Ha.	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D54	KABAR (KA) BUILDING STONE QUARRY, CHHATRAMA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.6.58 / 2.66 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D55	KABAR (KHA) BUILDING STONE QUARRY, CHHATRAMA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.8.09 / 3.28 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D56	KABAR (GA) BUILDING STONE QUARRY, CHHATRAMA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.7.170 / 2.90 Ha.	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D57	KABAR (GHA) BUILDING STONE QUARRY, CHHATRAMA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.1.500 / 2.90 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D58	SANKHARI SOUTH BLACK STONE (GA), KAIPADAR	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.2.500 / 1.011 Ha.	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D59	SANKHARI SOUTH BLACK STONE (KHA), KAIPADAR	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.2.500 / 1.011 Ha.	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
D60	NARSINGHPRAS AD WHITE STONE QUARRY, NARSINGHPRAS AD	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.2.300 / Ha.0.9300	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK

D68	DHANIA NEW BUILDING STONE QUARRY MIDDLE(JHA)	SRI RABI SARAN SINGH, S/O-LATE RAJENDRA PRASAD SINGH	AT:-RAUSA PATNA,CUTTACK /MOB NO-7008992830	9304 & DT.26.11.2019	AC.7.00/ HA.2.83	22-23	26-27	14.6.2022	WORK
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**PRIVATE PLOTS(NEW SOURCES)**

D61	KAIPADAR STONE QUARRY-3126	New proposed source	New proposed source	New proposed source	1.575Ac./0.637Ha	New proposed source	New proposed source	New proposed source	NON WORK
D62	KAIPADAR STONE QUARRY-3106	New proposed source	New proposed source	New proposed source	2.08Ac/0.842Ha	New proposed source	New proposed source	New proposed source	NON WORK
D63	KAIPADAR STONE QUARRY-2822	New proposed source	New proposed source	New proposed source	1.095Ac./0.443Ha	New proposed source	New proposed source	New proposed source	NON WORK
D64	JHNIKJHARI STONE QUARRY	New proposed source	New proposed source	New proposed source	2.79Ac./1.129Ha	New proposed source	New proposed source	New proposed source	NON WORK
D65	KAIPADAR STONE QUARRY-3225	New proposed source	New proposed source	New proposed source	0.95Ac/0.384Ha	New proposed source	New proposed source	New proposed source	NON WORK

D66	KIAJHARI-1 STONE QUARRY(1856)	New proposed source	New proposed source	New proposed source	2.14Ac/0.8 66Ha	New proposed source	New proposed source	New proposed source	NON WORK
D67	KIAJHARI-2 STONE QUARRY(1875)	New proposed source	New proposed source	New proposed source	1.835Ac/0. 743Ha	New proposed source	New proposed source	New proposed source	NON WORK
<b>E. Name of the Tahasil:- BEGUNIA</b>									
E1	PARICHHAL BGS, PLOT NO. 725	M/s AGRAWAL INFRABUILD PRIVATE LIMITED	1ST FLOOR, VR PLAZA, LINK ROAD, DSIT, BILASPUR	2389/5.5.20 22	4.875Ac/1. 97285Ha	10.10.202 2	9.10.202 7	10.10.202 2	WORK
E2	PARICHHAL BGS, PLOT NO. 702	SRI PRAKASH CHANDRA ROUTARAY	AT- DURGAPUR, PO- BAJAPUR, KHORDHA SADAR, KHORDHA, 752060	2227/12.4.2 022	5Ac/2.023 Ha	6.5.2022	5.5.2027	6.5.2022	WORK
E3	PARICHHAL BGS-726	Monaranjan Behera	At/po- Sankarpur, Choudwar , Cuttack	2478/03.09. 2022	5.625Ac/2. 276Ha	Quarry operatio n not started	Quarry operatio n not started	Quarry operation not started	NON WORK
<b>SJTA(EXISTING)</b>									
E4	KALACHUA BUILDING STONE QUARRY (JHA)	Sri Manoj Kumar Sahoo, S/O- Suresh Chandra Sahoo	At:- 1432, Sasan Padia, Old Town, P.S-Lingaraj, Bhubaneswar, Khordha/ Mob. No.9937016242	2324/28.3.2 019	9.50 Ac / 3.84 Ha	21-22	25-26	18.5.22	WORK

E5	KALACHUA NEW BUILDING STONE QUARRY(TA) DANGARPADA	Sri DillipKumar Jena, S/O- Late mahendra ku. Jena, M.D, Urmila Builders Pvt. Ltd.	At:- Plot No.25058, Lewis Road, Bhubaneswar/ Mob No.7008606415	1688/04.03. 2020	6.772 Ac / 2.74Ha	21-22	25-26	20.01.22	WORK
E6	SAMANTARAPU R NEW BUILDING STONE QUARRY	Sri Prakash Chandra Routray, S/O- Late Pramod Kumar Routray	At:- Durgapur, P.O-Bajapur, P.S:-Khorda Sadar, Khordha/Mob No.9776776817	4936/23.05. 2021	1.0Ac / 0.040Ha	21-22	25-26	18.4.2022	WORK
E7	KALACHUA BUILDING STONE QUARRY DANGARPADA	Smt. Pragyan Parimita Padhi, W/O- Subhranshu Sekhar p adhi	At:-348/3446 Patia, P.S- Infocity, Bhubaneswar, Khordha/ Mob No.8249398364	9297/31.12. 2020	7.700Ac / 3.12 Ha	23-24	28-29	24.08.202 3	WORK
E8	DANGARPADA BUILDING STONE QUARRY DANGARPADA	Sri Subhransu Sekhar Padhi, S/O-Sri Narayan Chandra Padhi	At:- Barimunda, P.S- Mancheswar, Bhubaneswar, Khurdha/ Mob. No.8249398364	2501/21.2.2 023	2.500Ac / 1.01Ha	23-24	27-28	12.04.202 3	WORK
E9	DANGARPADA NEW BUILDING STONE QUARRY (NORTH SIDE) DANGARPADA	Smt. Pragyan Parimita Padhi, W/O- Subhranshu Sekhar padhi	At:-348/3446 Patia, P.S- Infocity, Bhubaneswar, Khordha/ Mob No.8249398364	5487/23.3.1 9	5.00Ac / 2.023Ha	21-22	25-26	23.3.19	WORK
E10	KALACHUA NEW BUILDING STONE QUARRY (NION)	Sri Kailash Chandra Parija, M.D. KukuminaCo nstruction Pvt. Ltd.	At:- Plot No. 364, Bomikhal, P.O- Rasulgarh, P.S- Laxmisagar, Bhubaneswar/ Mob. No.9437028797	4014 dt.28.06.201 9	Ac.6.682 / 2.70 Ha	21-22	25-26	18.1.22	NO WORK

E11	KALACHUA NEW BUILDING STONE QUARRY (CHHA)	Sri Kailash Chandra Parija, M.D. KukuminaCo nstruction Pvt. Ltd.	At:- Plot No. 364, Bomikhal, P.O- Rasulgarh, P.S- Laxmisagar, Bhubaneswar/ Mob. No.9437028797	2282 dt .26.8.19	Ac.5.90 / 2.39Ha	22-23	26-27	14.10.22	NONW KING
E12	KALACHUA NEW BUILDING STONE QUARRY (CHA)	Sri Kailash Chandra Parija, M.D. KukuminaCo nstruction Pvt. Ltd.	At:- Plot No. 364, Bomikhal, P.O- Rasulgarh, P.S- Laxmisagar, Bhubaneswar/ Mob. No.9437028797	278 dt.26.3.2019	Ac.3.61 / 1.46Ha	21-22	25-26	18.1.2022	WORK WP (No.21 of 2 pend
E13	KALCHUA NEW BUILDING STONE QUARRY (JA)	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.5.28/ 2.14 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
E14	DANGARPADA NEW WHITE STONE QUARRY	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.2.0 / 0.809 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
E15	KALACHUA NEW BUILDING STONE QUARRY (THA)	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.4.894 / 1.98 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK
E16	DANGRPADA WHITE BUILDING STONE QUARRY, DANGARPADA	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	Ac.2.0 / 0.8 Ha	Bidder Not Finalised	Bidder Not Finalised	Bidder Not Finalised	NON WORK

NEW SOURCE									
E17	PARICHHAL STONE QUARRY (638)	New proposed source	New proposed source	New proposed source	11.25Ac/ 4.5528Ha	New proposed source	New proposed source	New proposed source	NON WORK
E18	PARICHALA STONE QUARRY- 731	New proposed source	New proposed source	New proposed source	5.625Ac/2. 276Ha	New proposed source	New proposed source	New proposed source	NON WORK

**NB: In the above table omitted Columns are,**  
**Column- 09 & 10, Period of Mining lease (1st/2nd...renewal)-NA**  
**Column-13, Use (Captive/ Non-Captive) - All Non-Captive**  
**Column-16, Open cast/ Underground- All sources are open cast**  
**Reason For Non-Working Source Refer Annexure No-II**

## 10.DETAILS OF ROYALTY OR REVENUE RECEIVED IN LAST THREE YEARS

Revenue collected for **Stone quarry/BSQ/Road metal quarry.**

Sl. No.	Name Of The Tahasil	Name Of Source	Revenue Collected For Last Three Years ( In Rs)		
			2021-22	2022-23	2023-24
1	Bolagarh	Panchukot-A Boulder Quarry	42768	42768	42768
2		Gobardhanpur-A Boulder Quarry	-	174665	174665
3		Sampur-A Boulder Quarry	80608	80608	80608
4		Kusapalla Boulder Quarry	Not-operational	Not-operational	Not-operational
5		Gobardhanpur Boulder Quarry-B	Not-operational	Not-operational	Not-operational
6		Srichandanpur Boulder Quarry	Not-operational	Not-operational	Not-operational
7	Banapur	Nilakanthapur Boulder Quarry	Not-operational	Not-operational	35,90,300
8		Suliapali Stone Quarry	Not-operational	Not-operational	Not-operational
9	Tangi	Jariput Black Stone Quarry-10	1568882	1568882	1568882
10		Nayakota Black Stone Quarry	2791650	Not-operational	Not-operational
11		Balaram Chips Metal Quarry	447950	Not-operational	Not-operational
12		Jariput Black Stone Quarry-9	434880	434880	434880
13		Jariput Black Stone Quarry-11	Not-operational	Not-operational	Not-operational
14		Brushabandha BSQ-1	Not-operational	Not-operational	Not-operational
15		Brushabandha BSQ-3	Not-operational	Not-operational	Not-operational
16		Brushabandha Black Metal Quarry- 5	Not-operational	Not-operational	Not-operational
17		Jaymangalpur BSQ-3	Not-operational	Not-operational	Not-operational
18		Jaymangalpur BSQ-2	918172	918172	918172
19		Jariput Black Stone Quarry-D	Not-operational	Not-operational	Not-operational
20		Jaripur Black Stone Quarry- C	Not-operational	Not-operational	Not-operational
21		Jariput Black Stone Quarry-A	Not-operational	Not-operational	Not-operational
22		Jariput Black Stone Quarry-B	Not-operational	Not-operational	Not-operational
23		Jayamangalpur BSQ- 1	Not-operational	Not-operational	Not-operational
24		Damanabhin BSQ-1	Not-operational	Not-operational	Not-operational
25		Bhrusabandha Black Stone Quarry-6	Not-operational	Not-operational	Not-operational
26		Damanbhuin BSQ-2	Not-operational	Not-operational	Not-operational
27		Jariput BSQ- 6	856970	856970	856970
28	Khordha	Berahampura Road Metal Quarry	Not-operational	Not-operational	Not-operational
29		Sankhari East-West Building Stone Quarry (Ka)	Not-operational	Not-operational	5899106

30	Sankhari East West New Building Stone Quarry (Kha), Kaipadar	Not-operational	7575000	7575000
31	Sankhari East West Building Stone Quarry (Ga), Kaipadar	Not-operational	Not-operational	8210756
32	Sankhari East West Building Stone Quarry (Gha), Kaipadar	Not-operational	Not-operational	9000000
33	Sankhari South New Building Stone Quarry (Cha), Kaipadar	1416667	4250000	4250000
34	Sankhari South New Building Stone Quarry (Chha)Kaipadar	Not-operational	Not-operational	18560000
35	Sankhari South New Building Stone Quarry , Kaipadar	289400	1157600	1083200
36	Sankhari South New Building Stone Quarry (Ka), Kaipadar	Not-operational	Not-operational	10,67,920
37	Kaipadar New Building Stone Quarry (Ka), Kaipadar	Not-operational	Not-operational	14734272
38	Dhania Building Stone Quarry (E), Kaipadar	1099560	4398240	4398240
39	Dhania New Building Stone Quarry(F), Kaipadar	Not-operational	Not-operational	10855777
40	Dhanin West Building Stone Quarry (Ga),Kaipadar	2200000	550000	2200000
41	Dhania West Building Stone Quarry (Gha) Kaipadar	323750	1295000	1295000
42	Dhania New Building Stone Quarry Utara Taraf (Ta) Kaipadar	1416667	4250000	4250000
43	Dhania New Building Stone Quarry Utar Taraf (Da), Kaipadar	Not-operational	Not-operational	5100000
44	Dhania South East New Building Stone Quarry, Kaipadar	2550000	2550000	2550000
45	Dhania New Building Stone Quarry (Ja) Kaipadar	592500	2370000	2370000
46	Dhania New Building Stone Quarry South East (Chha), Kaipadar	Not-operational	Not-operational	9090000
47	Dhania West New Building Stone Quarry (Kha)Kaipadar	306000	1225000	1225000
48	Dhania New Building Stone Quarry North Side (Tha),Kaipadar	669667	2009000	2009000
49	Dhania New Building Stone Quarry Uttar Taraf (Una),Kaipadar	2844000	11376000	11376000
50	Dhania New Building Stone Quarry East Side (Cha), Kaipadar	2302500	<b>4260000</b>	<b>4260000</b>
51	Hatia New Building Stone Quarry (Chha) Nijigada Tapang	-	8100000	8100000
52	Hatia New Building Stone Quarry (Ja) Nijigada Tapang	910000	2730000	2730000
53	Hatia New Building Stone Quarry (Gha) Nijigadatapang	5060617	15181850	15181850
54	Kaipadar New Building Stone Quarry, Kaipadar	Not-operational	5100000	5100000
55	Hatia New Building Stone Quarry (Jha) Nijigada Tapang	Not-operational	Not-operational	6720000
56	Golaputkhua Building Stone Quarry (Kha), Nijigada Tapang	Not-operational	4632000	Not-operational
57	Dhania West Building Stone Quarry (Ka) Kaipadar	1687500	6750000	1420000
58	New Building Stone Quarry (Kha) Kaipadar	2168964	6506892	6506892

59	White Stone Quarry, Kijhari	Not-operational	Not-operational	532500
60	Duburi New Building Stone Quarry , Nijigada Tapang	175086	900000	900000
61	Hatia New Building Stone Quarry (Ga) Nijigada Tapang	Not-operational	Not-operational	3145800
62	Hatia New Building Stone Quarry (Ta) Nijigada Tapang	Not-operational	Not-operational	Not-operational
63	New Building Stone Quarry , Kaipadar (Ga)	1596053	Not-operational	Not-operational
64	Sankhari New Building Stone Quarry Jodaamba (Gha) Kaipadar	Not-operational	Not-operational	Not-operational
65	Hanumantia Building Stone Quarry (Ga), Malipada	Not-operational	Not-operational	Not-operational
66	Hatia Building Stone Quarry (Ka), Nijigadatapang	Not-operational	Not-operational	Not-operational
67	Hatia Building Stone Quarry (Una) Nijigadatapang	Not-operational	Not-operational	Not-operational
68	Hatia New Building Stone Quarry (Cha) Nijigada Tapang	910000	2730000	2730000
69	White Stone Quarry , Malipada	Not-operational	Not-operational	Not-operational
70	Hanumantia Building Stone Quarry , Malipada	Not-operational	Not-operational	Not-operational
71	Golaputkhua Building Stone Quarry (Ka), Kijhari	Not-operational	Not-operational	Not-operational
72	Hatia Building Stone Quarry (Tha) Nijigada Tapang	Not-operational	Not-operational	Not-operational
73	Chhatrama Building Stone Quarry (Ka), Chhatrama	Not-operational	Not-operational	Not-operational
74	Chhatrama Building Stone Quarry (Kha), Chhatrama	Not-operational	Not-operational	Not-operational
75	Chhatrama Building Stone Quarry (Ga), Chhatrama	Not-operational	Not-operational	Not-operational
76	Kalinga Building Stone Quarry (Ka) Jhinkijhari	Not-operational	Not-operational	Not-operational
77	Kalinga Building Stone Quarry (Kha) Jhinkijhari	Not-operational	Not-operational	Not-operational
78	Kalinga Building Stone Quarry (Ga) Jhinkijhari	Not-operational	Not-operational	Not-operational
79	Sankhari Dhobi (Uan) Building Stone Quarry	Not-operational	Not-operational	Not-operational
80	Tangeni Building Stone Quarry, Kaipadar	Not-operational	Not-operational	Not-operational
81	Kabar (Ka) Building Stone Quarry, Chhatrama	Not-operational	Not-operational	Not-operational
82	Kabar (Kha) Building Stone Quarry, Chhatrama	Not-operational	Not-operational	Not-operational
83	Kabar (Ga) Building Stone Quarry, Chhatrama	Not-operational	Not-operational	Not-operational
84	Kabar (Gha) Building Stone Quarry, Chhatrama	Not-operational	Not-operational	Not-operational
85	Sankhari South Black Stone (Ga), Kaipadar	Not-operational	Not-operational	Not-operational

86		Sankhari South Black Stone (Kha), Kaipadar	Not-operational	Not-operational	Not-operational
87		Dhania New Building Stone Quarry Middle(Jha)	Not-operational	9300000	9300000
88		Narsinghprasad White Stone Quarry, Narsinghprasad	Not-operational	Not-operational	Not-operational
89	Begunia	Parichhal Bgs, Plot No. 725	Not-operational	5894655	5894655
90		Parichhal Bgs, Plot No. 702	Not-operational	1200000	5,68,000
91		Parichhal Bgs-726	Not-operational	Not-operational	Not-operational
92		Kalachua Building Stone Quarry (Jha)	645000	2580000	2580000
93		Kalachua New Building Stone Quarry(Ta) Dangarpada	3510000	3510000	3510000
94		Samantarapur New Building Stone Quarry	59808	239232	239232
95		Kalachua Building Stone Quarry , Dangarpada	Not-operational	Not-operational	5645275
96		Dangarpada Building Stone Quarry , Dangarpada	Not-operational	Not-operational	3885672
97		Dangarpada New Building Stone Quarry (North Side) Dangarpada	1040000	3120000	3120000
98		Kalachua New Building Stone Quarry (Nion)	788000	Not-operational	Not-operational
99		Kalachua New Building Stone Quarry (Chha)	3084000	Not-operational	Not-operational
100		Kalachua New Building Stone Quarry (Cha)	Not-operational	2570000	
101		Kalchua New Building Stone Quarry (Ja)	Not-operational	Not-operational	Not-operational
102		Dangarpada New White Stone Quarry	Not-operational	Not-operational	Not-operational
103	Kalachua New Building Stone Quarry (Tha)	Not-operational	Not-operational	Not-operational	
104	Dangrpada White Building Stone Quarry, Dangarpada	Not-operational	Not-operational	Not-operational	

## 11.DETAILS OF PRODUCTION OF MINOR MINERAL IN LAST THREE YEARS.

Production Of Stone/BSQ/Road metal					
Sl. No.	Name Of The Tahasil	Name Of Source	Production For Last Three Years ( In Cum)		
			2021-22	2022-23	2023-24
1	Bolagarh	Panchukot-A Boulder Quarry	243	243	243
2		Gobardhanpur-A Boulder Quarry	Not-operational	965	965
3		Sampur-A Boulder Quarry	458	458	458
4		Kusapalla Boulder Quarry	Not-operational	Not-operational	Not-operational
5		Gobardhanpur Boulder Quarry-B	Not-operational	Not-operational	Not-operational
6		Srichandanpur Boulder Quarry	Not-operational	Not-operational	Not-operational
7	Banapur	Nilakanthapur Boulder Quarry	Not-operational	Not-operational	3220
8		Suliapali Stone Quarry	Not-operational	Not-operational	Not-operational
9	Tangi	Jariput Black Stone Quarry-10	686	686	686
10		Nayakota Black Stone Quarry	3018	Not-operational	Not-operational
11		Balaram Chips Metal Quarry	2635	Not-operational	Not-operational
12		Jariput Black Stone Quarry-9	2880	2880	2880
13		Jariput Black Stone Quarry-11	Not-operational	Not-operational	Not-operational
14		Brushabandha BSQ-1	Not-operational	Not-operational	Not-operational
15		Brushabandha BSQ-3	Not-operational	Not-operational	Not-operational
16		Brushabandha Black Metal Quarry-5	Not-operational	Not-operational	Not-operational
17		Jaymangalpur BSQ-3	Not-operational	Not-operational	Not-operational
18		Jaymangalpur BSQ-2	6466	6466	6466
19		Jariput Black Stone Quarry-D	Not-operational	Not-operational	Not-operational
20		Jaripur Black Stone Quarry- C	Not-operational	Not-operational	Not-operational
21		Jariput Black Stone Quarry-A	Not-operational	Not-operational	Not-operational
22		Jariput Black Stone Quarry-B	Not-operational	Not-operational	Not-operational
23		Jayamangalpur BSQ- 1	Not-operational	Not-operational	Not-operational
24		Damanabhin BSQ-1	Not-operational	Not-operational	Not-operational
25		Bhrusabandha Black Stone Quarry-6	Not-operational	Not-operational	Not-operational
26		Damanbhuin BSQ-2	Not-operational	Not-operational	Not-operational
27		Jariput BSQ 6	6035	6035	6035
28		Khordha	Berahampura Road Metal Quarry	Not-operational	Not-operational
29	Sankhari East-West Building Stone Quarry (Ka)		Not-operational	Not-operational	41543
30	Sankhari East West New Building Stone Quarry (Kha), Kaipadar		Not-operational	25000	25000
31	Sankhari East West Building Stone Quarry (Ga), Kaipadar		Not-operational	Not-operational	25000
32	Sankhari East West Building Stone Quarry (Gha), Kaipadar		Not-operational	Not-operational	30000
33	Sankhari South New Building Stone Quarry (Cha), Kaipadar		8333	25000	25000
34	Sankhari South New Building Stone Quarry (Chha)Kaipadar		Not-operational	Not-operational	32000
35	Sankhari South New Building Stone Quarry , Kaipadar		215	800	800
36	Sankhari South New Building Stone Quarry (Ka), Kaipadar		Not-operational	Not-operational	7628
37	Kaipadar New Building Stone Quarry (Ka), Kaipadar		Not-operational	Not-operational	25536

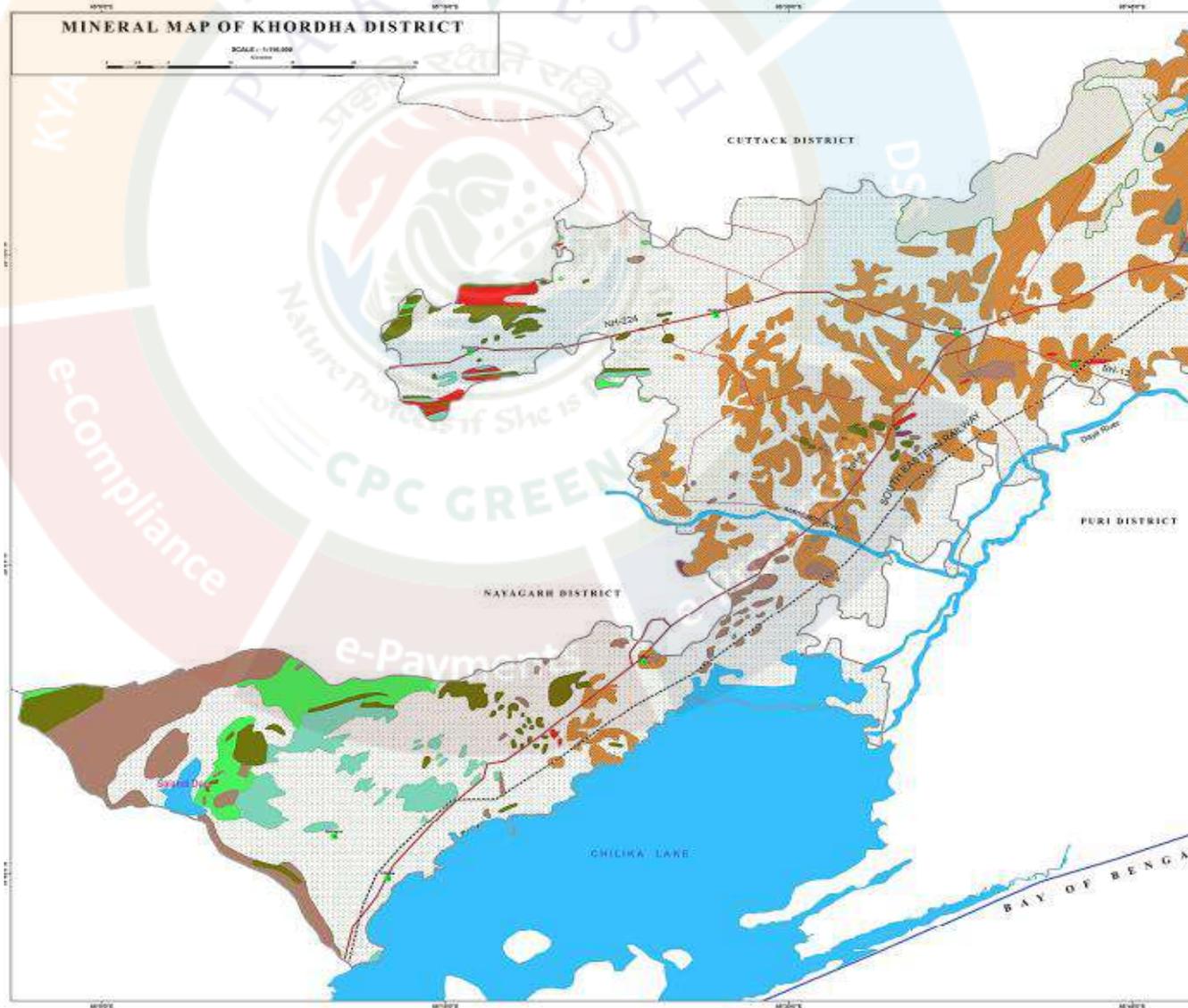
38	Dhania Building Stone Quarry (E), Kaipadar	893	3570	3570
39	Dhania New Building Stone Quarry(F), Kaipadar	2834	8501	8501
40	Dhania West Building Stone Quarry (Ga),Kaipadar	10000	2500	10000
41	Dhania West Building Stone Quarry (Gha) Kaipadar	1750	7000	7000
42	Dhania New Building Stone Quarry Uttara Taraf (Ta) Kaipadar	8333	25000	25000
43	Dhania New Building Stone Quarry Utar Taraf (Da), Kaipadar	Not-operational	Not-operational	30000
44	Dhania South East New Building Stone Quarry, Kaipadar	15000	15000	15000
45	Dhania New Building Stone Quarry (Ja) Kaipadar	2500	10000	10000
46	Dhania New Building Stone Quarry South East (Chha), Kaipadar	Not-operational	Not-operational	30000
47	Dhania West New Building Stone Quarry (Kha)Kaipadar	1749	7000	7000
48	Dhania New Building Stone Quarry North Side (Tha),Kaipadar	2333	7000	7000
49	Dhania New Building Stone Quarry Uttar Taraf (Una),Kaipadar	12000	48000	48000
50	Dhania New Building Stone Quarry East Side (Cha), Kaipadar	7500	30000	30000
51	Hatia New Building Stone Quarry (Chha) Nijigada Tapang	5000	20000	20000
52	Hatia New Building Stone Quarry (Ja) Nijigada Tapang	Not-operational	Not-operational	7628
53	Hatia New Building Stone Quarry (Gha) Nijigadatapang	5953	17861	17861
54	Kaipadar New Building Stone Quarry, Kaipadar	Not-operational	30000	30000
55	Hatia New Building Stone Quarry (Jha) Nijigada Tapang	Not-operational	Not-operational	15000
56	Golaputkhua Building Stone Quarry (Kha), Nijigada Tapang	Not-operational	12000	12000
57	Dhania West Building Stone Quarry (Ka) Kaipadar	6249	25000	10000
58	New Building Stone Quarry (Kha) Kaipadar	4788	14364	14364
59	White Stone Quarry, Kiajhari	Not-operational	Not-operational	1500
60	Duburi New Building Stone Quarry , Nijigada Tapang	1200	5000	5000
61	Hatia New Building Stone Quarry (Ga) Nijigada Tapang	Not-operational	Not-operational	5880
62	Hatia New Building Stone Quarry (Ta) Nijigada Tapang	Not-operational	Not-operational	Not-operational
63	New Building Stone Quarry , Kaipadar (Ga)	1767	Not-operational	Not-operational
64	Sankhari New Building Stone Quarry Jodaamba (Gha) Kaipadar	Not-operational	Not-operational	Not-operational

65		Hanumantia Building Stone Quarry (Ga), Malipada	Not-operational	Not-operational	Not-operational
66		Hatia Building Stone Quarry (Ka), Nijigadatapang	Not-operational	Not-operational	Not-operational
67		Hatia Building Stone Quarry (Una) Nijigadatapang	5613	22453	22453
68		Hatia New Building Stone Quarry (Cha) Nijigada Tapang	5000	15000	15000
69		White Stone Quarry , Malipada	Not-operational	Not-operational	Not-operational
70		Hanumantia Building Stone Quarry , Malipada	Not-operational	Not-operational	Not-operational
71		Golaputkhua Building Stone Quarry (Ka), Kiajhari	Not-operational	Not-operational	Not-operational
72		Hatia Building Stone Quarry (Tha) Nijigada Tapang	Not-operational	Not-operational	Not-operational
73		Chhatrama Building Stone Quarry (Ka), Chhatrama	Not-operational	Not-operational	Not-operational
74		Chhatrama Building Stone Quarry (Kha), Chhatrama	Not-operational	Not-operational	Not-operational
75		Chhatrama Building Stone Quarry (Ga), Chhatrama	Not-operational	Not-operational	Not-operational
76		Kalinga Building Stone Quarry (Ka) Jhinkijhari	Not-operational	Not-operational	Not-operational
77		Kalinga Building Stone Quarry (Kha) Jhinkijhari	Not-operational	Not-operational	Not-operational
78		Kalinga Building Stone Quarry (Ga) Jhinkijhari	Not-operational	Not-operational	Not-operational
79		Sankhari Dhobi (Uan) Building Stone Quarry	Not-operational	Not-operational	Not-operational
80		Tangeni Building Stone Quarry, Kaipadar	Not-operational	Not-operational	Not-operational
81		Kabar (Ka) Building Stone Quarry, Chhatrama	Not-operational	Not-operational	Not-operational
82		Kabar (Kha) Building Stone Quarry, Chhatrama	Not-operational	Not-operational	Not-operational
83		Kabar (Ga) Building Stone Quarry, Chhatrama	Not-operational	Not-operational	Not-operational
84		Kabar (Gha) Building Stone Quarry, Chhatrama	Not-operational	Not-operational	Not-operational
85		Sankhari South Black Stone (Ga), Kaipadar	Not-operational	Not-operational	Not-operational
86		Sankhari South Black Stone (Kha), Kaipadar	Not-operational	Not-operational	Not-operational
87		Dhanian New Building Stone Quarry Middle(Jha)	Not-operational	20000	20000
88		Narsinghprasad White Stone Quarry, Narsinghprasad	Not-operational	Not-operational	Not-operational
89	Begunia	Parichhal Bgs, Plot No. 725	Not-operational	10621	10621
90		Parichhal Bgs, Plot No. 702	Not-operational	4000	4000
91		Parichhal Bgs-726	Not-operational	Not-operational	Not-operational
92		Kalachua Building Stone Quarry (Jha)	3750	15000	15000

93	Kalachua New Building Stone Quarry(Ta) Dangarpada	10000	10000	10000
94	Samantarapur New Building Stone Quarry	336	1344	1344
95	Kalachua Building Stone Quarry , Dangarpada	Not-operational	Not-operational	15724
96	Dangarpada Building Stone Quarry , Dangarpada	Not-operational	Not-operational	5656
97	Dangarpada New Building Stone Quarry (North Side) Dangarpada	3333	10000	10000
98	Kalachua New Building Stone Quarry (Nion)	4000	12000	12000
99	Kalachua New Building Stone Quarry (Chha)	12000	Not-operational	Not-operational
100	Kalachua New Building Stone Quarry (Cha)	Not-operational	10000	10000
101	Kalchua New Building Stone Quarry (Ja)	Not-operational	Not-operational	Not-operational
102	Dangarpada New White Stone Quarry	Not-operational	Not-operational	Not-operational
103	Kalachua New Building Stone Quarry (Tha)	Not-operational	Not-operational	Not-operational
104	Dangarpada White Building Stone Quarry, Dangarpada	375	1500	1500



## 12. MINERAL MAP OF THE DISTRICT.



### 13. LIST OF LETTER OF INTENT (LOI) HOLDERS IN THE DISTRICT ALONG WITH ITS VALIDITY AS PER T

Sl.No.	Name of the Mineral	Name of the Lessee	Address & Contact No. of Letter of Intent Holder	Letter of Intent Grant Order No. & date	Area of Mining lease to be allotted	Validity of LOI	Use(Capit Capti
1	2	3	4	5	6	7	8
1	KUSAPALLA BOULDER QUARRY	REETA PARIDA	W/O- SHRI PRAVAT KUMAR PADIDA, AT- TRUTIYAPADA, PO/PS- BOLAGARH , KHORDHA, 752066	LETTER NO- 245, DATED- 11.03.2024	3Ac/1.214Hc	3 MONTH TO 2 YRS	NON- C.
2	BRUSHABANDHA BSQ-1	SRI SATYAPIR SRICHANDAN	S/O- LATE SURENDRA SRICHANDAN, AT/PO- GURUJANGA, SRAUPADI KUTIR, KHORDHA, 752055	3546/ 27.11.2018	1.232Ac/0.498	3 MONTH TO 2 YRS	NON- C.
3	BRUSHABANDHA BSQ-3	SRI SATYAPIR SRICHANDAN	S/O- LATE SURENDRA SRICHANDAN, AT/PO- GURUJANGA, SRAUPADI KUTIR, KHORDHA, 752056	3545/ 27.11.2018	2.2Ac/0.809Hc	3 MONTH TO 2 YRS	NON- C.
4	BRUSHABANDHA BLACK METAL QUARRY- 5	SRI SHUBHABRATA MOHANTY	S/O- SRIDHAR PRASAD MOHANTY, MEHENDIPUR, CHANDNI CHOWK, CUTTACK SADAR, DIST- CUTTACK, 753002	1602/ 25.04.2019	2.99Ac/1.214Hc	3 MONTH TO 2 YRS	NON- C.
5	JAYMANGALPUR BSQ-3	SAROJ KUMAR MOHANTY	AT/PO- KHUNTAKATA, ATHAGAD, CUTTACK, 754029	1206/ 12.03.2020	2.2Ac/0.890Hc	3 MONTH TO 2 YRS	NON- C.
6	BERAHAMPURA ROAD METAL QUARRY	KANNAN EARTHMOVERS	FLAT NO- 505, BLOCK D7, HITECH PLAZA, MADHIPUR KUHA, BHUBANESWAR, ODISHA- 751002	LETTER NO-336, DATED- 20.03.2024	5.415Ac/2.191Hc	3 MONTH TO 2 YRS	NON- C.
7	PARICHHAL BGS- 726	Monaranjan Behera	At/po- Sankarpur, Choudwar , Cuttack	2478/03.09.2022	5.625Ac/2.276Hc	3 MONTH TO 2 YRS	NON- C.

\* The selected bidder shall be required to execute quarry lease in Form-N within three weeks from the date of intimation if the mining plan and environment clearance has been obtained before auction, and in other cases, three months from the date of intimation shall stand cancelled and the security deposit shall stand forfeited: Provided that the Controlling Authority may, for special reasons, extend the said period, if it is satisfied that the delay in execution of lease deed is not due to reasons attributable to the bidder. **27(13) of OMMCR-2016).**

#### 14. TOTAL MINERAL RESERVE AVAILABLE IN THE DISTRICT.

SL. NO.	NAME OF SOURCE WITH LOCATION	GEOLOGICAL RESERVE OF OPERATIONAL QUARRIES AS PER APPROVED MINING PLAN /MINERAL POTENTIAL OF NON OPERATIONAL & PROPOSED SOURCES AS PER FIELD OBSERVATION (IN m <sup>3</sup> )	MINEABLE RESERVE OF OPERATIONAL QUARRIES AS PER APPROVED MINING PLAN /MINEABLE RESOURCE OF NON OPERATIONAL & PROPOSED QUARRIES AS PER FIELD OBSERVATION (IN M3)
<b>A. Name of the Tahasil:- BOLAGARH</b>			
A1	PANCHUKOT-A BOULDER QUARRY:- MOUZA-PANCHUKOT , KHATA- 231, PLOT-622, KISSAM-MUNDIA, LAT-20 9' 24.52" TO 20 9'29.12" , LONG- 85 14'37.36 TO 85 14' 41.08"	11172	6972
A2	GOBARDHANPUR-A BOULDER QUARRY:- MOUZA-GOBARDHANPUR , KHATA-365, PLOT-6(P),KISSAM-CHHOTA PAHAD , LAT-20 12'59.89" TO 20 12'55.75" , LONG- 85 13'04.00" TO 85 13'00.22"	120462	62748
A3	SAMPUR-A BOULDER QUARRY: -MOUZA-SAMPUR , KHATA- 400, PLOT- 141, KISSAM- PAHADA, LAT - 20 12'11.30 TO 20 12' 12.89", LONG- 85 15'39.63" TO 85 15'41.37"	10291	3250
A4	KUSAPALLA BOULDER QUARRY:-MOUZA-KUSAPALLI , KHATA- 495, PLOT- 683, KISSAM-PAHADA, LAT -20 08'57.26" TO 20 09'01.67" , LONG- 85 14'28.26" TO 85 14'32.05"	132813	78244
A5	GOBARDHANPUR BOULDER QUARRY-B:-MOUZA-GOBARDHANPUR, KHATA- 365, PLOT- 96, KISSAM-SANATOLIA PAHADA, LAT -20.216374 TO 20.21676 , LONG- 85.221273 TO 85.221355	28282.8	13815.9
A6	MOUZA- SRICHANDANPUR, KHATA- 562, PLOT- 1, KISSAM- PAHADA, LAT -20.198 , LONG- 85.308	187100	112260
<b>B. Name of the Tahasil:- BANAPUR</b>			
B1	MOUZA-NILAKANTHAPUR , KHATA- 68, PLOT- 79, KISSAM- PAHADA, LAT - 19.84, LONG-85.259	109316	21188
B2	SULIAPALI STONE QUARRY:-MOUZA-SULIAPALI , KHATA- 165, PLOT- 425, KISSAM- PAHADA, LAT - 19 49'41.19" TO 19 49'48.89", LONG-85 11'00.50" TO 85 11'11.66"	1214000	728400
<b>C. Name of the Tahasil:- TANGI</b>			
C1	JARIPUT BLACK STONE QUARRY-10:-MOUZA-JARIPUT , KHATA- 296, PLOT- 1112/1, KISSAM-MUNDIA, LAT -19 51'22.5" TO 19 51'23.6" , LONG- 85 18'39.9" TO 85 18'41.4	15827	3430
C2	NAYAKOTA BLACK STONE QUARRY:-MOUZA-NAYAKOTA , KHATA- 293, PLOT- 685, KISSAM-PAHAD, LAT -19 52' 39.67" TO 19 52'44.99" , LONG- 85 19'50.51" TO 85 19'54.93"	126630	75091.5
C3	BALARAM CHIPS METAL QUARRY:-MOUZA-BALARAMPUR , KHATA- 272, PLOT- 46, KISSAM-MUNDIA, LAT - , LONG-	137837	84084
C4	JARIPUT BLACK STONE QUARRY-9:-MOUZA-JARIPUT , KHATA- 296, PLOT- 1112/1, KISSAM-MUNDIA, LAT - , LONG-	89555	14823
C5	JARIPUT BLACK STONE QUARRY-11:-MOUZA-JARIPUT , KHATA- 296, PLOT- 689, KISSAM-MUNDIA, LAT - 19 51'41.67" TO 19 51' 53.37", LONG- 85 18'17.82" TO 85 18'24.305"	443751.8	380774.8
C6	BRUSHABANDHA BSQ-1 :-MOUZA-BRUSHABANDHA , KHATA- 212, PLOT- 558, KISSAM-MUNDIA, LAT -19 52'35.9" TO 19 52'39.0" , LONG-85 19'52.0" TO 85 19'55.6"	64022.4	16364.7

C7	BRUSHABANDHA BSQ-3 :-MOUZA- BRUSHABANDHA , KHATA- 212, PLOT- 558, KISSAM-MUNDIA, LAT -19 52'34.0" TO 19 52'40.0" , LONG-85 19'45.6" TO 85 19'52.6"	135329.4	49971.6
C8	BRUSHABANDHA BLACK METAL QUARRY- 5:- MOUZA- BRUSABANDHA, KHATA-214,PLOT- 554, KISSAM- PAHAD, LAT-19° 52'30.67 TO 19° 52' 36.22N , LONG- 85° 19'39.83" TO 85° 19' 44.31"	97120	58272
C9	MOUZA- JAYMANGALPUR, KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT -19.859 , LONG- 85.311	60788	24988
C10	MOUZA- JAYMANGALPUR, KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT - 19.859, LONG- 85.311	52400	19783.8
C11	JARIPUT BLACK STONE QUARRY-D:-MOUZA- JARIPUT , KHATA- 296, PLOT- 1069(2AC),1112 (1AC), KISSAM-MUNDIA, LAT - 19 51'20.7" TO 19 51' 25.1" , LONG- 85 18'33.2" TO 85 18'36.6"	109755	78097.5
C12	JARIPUR BLACK STONE QUARRY- C:-MOUZA- JARIPUT , KHATA- 296, PLOT- 1112, KISSAM- MUNDIA, LAT -19 51'24.5" TO 19 51' 28.7" , LONG- 85 18'37.1" TO 85 18'42.7"	124839	78556.5
C13	JARIPUT BLACK STONE QUARRY-A:-MOUZA- JARIPUT , KHATA- 296, PLOT- 1112, KISSAM- MUNDIA, LAT - 19 51'18.5" TO 19 51'23.7" , LONG- 85 18'36.7" TO 85 18'39.7"	152712	78975
C14	JARIPUT BLACK STONE QUARRY-B:-MOUZA- JARIPUT , KHATA- 296, PLOT- 1112, KISSAM- MUNDIA, LAT -19 51'22.5" TO 19 51' 26.4" , LONG- 85 18'36.7" TO 85 18'43.6"	135594	81135
C15	MOUZA-JAYMANGALPUR , KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT -19.859 , LONG- 85.311	53400	32040
C16	DAMANABHIN BSQ-1:-MOUZA-DAMANBHUI, KHATA-706, PLOT- 887, KISSAM- PATHARABANI, TENENT- ,LAT- 20 03' 43.413 TO 20 03' 44.880, LONG- 85 31'54.24 TO 85 31'55.747	235900	193861.5
C17	BHRUSABANDHA BLACK STONE QUARRY-6:- MOUZA-BHRUSABANDHA , KHATA- 214, PLOT- 554, KISSAM-MUNDIA, LAT - , LONG-	109260	65556
C18	DAMANBHUI BSQ, MOUZA-DAMANBHUI, KHATA-149, PLOT- 878, KISSAM- BIALI ,LAT- 20 03' 45.876 TO 20 03' 47.300 , LONG- 85 31'56.753 TO 85 31'58.216	17080	10248
C19	NAYAKOTA STONE QUARRY, Mouza-Nayakote, Khata-284/241, Plot-632/1288, Kissam- Sarada-III, Lat- 20°04'58.05828" to 20°04'59.51194" , Long- 85°30'54.07083" to 85°30'55.82473"	10920	6552
C20	JAYMANGALPUR STONE QUARRY, Mouza- Jayamangalpur , Khata-381/307, Plot-81, Kissam- Puratana Patita, Lat-19°52'45.70347" to 19°52'48.21847" , Long-85°18'37.43594" to 85°18'40.99457"	22800	13680

**D. Name of the Tahasil:- KHORDHA**

D1	BERAHAMPURA ROAD METAL QUARRY, MOUZA- BERAHAMPURA , KHATA- 329, PLOT- 2, KISSAM- PARBAT, LAT - 20 09'05.7" TO 20 09'11.5" , LONG- 85 37'19.5" TO 85 37'28.6"	143598	3430
D2	Sankhari East-West Building Stone Quarry (Ka), MOUZA-KAIPADAR, Khata No.849, Plot No.3502(P) KISSAM-Patita(Pahad), LAT- 20 06'27.58" TO 20 06'33.66" , LONG- 85 33'04.23" TO 85 33'17.75"	726294	75091.5
D3	Sankhari East West new Building stone quarry (KHA), kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.3502(P) , KISSAM- Patita(Pahad), LAT-20.105 , LONG-85.554	2198928	84084

D4	Sankhari East West Building Stone Quarry (Ga), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 3502(P), KISSAM-Patita(Pahad) , LAT- 20 06'19.36" TO 20 06'27.69" , LONG- 85 33'09.92" 85 33'15.63"	1645890	14823
D5	Sankhari East West Building Stone Quarry (Gha), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 3502(P), KISSAM-Patita(Pahad) , LAT- 20 06'19.36" TO 20 06'27.62" , LONG- 85 33'15.19" TO 85 33'24.34"	1213344	380774.8
D6	Sankhari South New Building Stone Quarry (Cha), Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 3502(P) , KISSAM -Patita(Pahad) , LAT-20 06'10.84 TO LONG- 85 33'09.79" TO 85 33'14.98"	431085	16364.7
D7	Sankhari South New Building Stone Quarry (Chha)Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 3502(P), KISSAM-Patita(Pahad) , LAT- 20 06'09.92 TO 20 06'16.50" , LONG- 85 33'14.83" TO 85 33'25.61"	694501	49971.6
D8	Sankhari South New Building Stone Quarry , Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.3502(P) , KISSAM- Patita(Pahad), LAT-20 06'10.4" TO 20 06'13.3" , LONG- 85 33'14.3" TO 85 33'19.2"	2430	1458
D9	Sankhari South New Building Stone Quarry (KA), Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.3502(P) , KISSAM-Patita(Pahad) , LAT- 20 06'15.21" to 20 06'20.42" , LONG- 85 33'08.38" to 85 33'14.68"	369420	24988
D10	KAIPADAR New Building Stone Quarry (KA), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.2825(P) & 2867 (p), KISSAM- Patita , LAT- 20 06'37.2" TO 20 06'46.5" , LONG- 85 33'41.5" TO 85 33'51.5"	679350	19783.8
D11	Dhania Building Stone Quarry (E), Kaipadar, KAIPADAR, Khata No.849, Plot No.2847(P) ,Kissam-Patita(Pahad) , Lat-20 06'42.51" to 20 06'46.60" , Long-85 34'07.19" to 85 34'13.61"	295284	78097.5
D12	Dhania New Building Stone quarry(F), Kaipadar,MOUZA-KAIPADAR, Khata No.849, Plot No. 2847(P) , kissam- Patita(Pahad), Lat-20 06'37.68" to 20 06'43.62" , Long- 85 34' 04.37" to 85 34'12.79"	757800	78556.5
D13	Dhanin West Building Stone Quarry (Ga),Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 2825 (P), kissam- Patita(pahad), Lat- 20.105, Long- 85.554	435806	78975
D14	Dhania West Building Stone Quarry (GHA) Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 2825(P) & 2900(P) , KISSAM- Patita , LAT- 20 06'38.51" TO 20 06'41.07" , LONG- 85 33'34.09" TO 85 33'41.51"	85600	81135
D15	Dhania New Building Stone Quarry Uttara Taraf (TA) Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2847(P) , KISSAM-Not Found , LAT- 20 06'41.59" TO 20 06'48.73" , LONG- 85 33'53.58" TO 85 33'59.88"	1717540	1030524
D16	Dhania New Building Stone Quarry Ufar Taraf (DA), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 2825(P) , Kissam-Patita , Lat- 20.105 , Long- 85.554	2424400	193861.5
D17	Dhania South East New Building Stone Quarry, Kaipadar, mouza- kaipadar, Khata No.849, Plot No. 2864(P) , KISSAM-Patita(Pahad), LAT- 20 06.33.38" TO 20 06'38.55" , LONG- 85 33'51.79" TO 85 33'57.45"	790155	474093

D18	Dhania New Building Stone Quarry (JA) Kaipadar, MOUZA-KAIPADAR, Khata No.849,Plot No.2864(P), Kissam-Patita(Pahad) , lat- 20 06'33.23" to 20 06'38.37", long- 85 33'56.69" to 85 34'02.10"	1191295	714777
D19	Dhania New Building Stone Quarry South East (Chha), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.2864(P) , kissam-Patita(Pahad) , Lat- 20 06'26.16"to 20 06' 33.34" Long- 85 33'57.02" to 85 34' 07.05"	1150900	690540
D20	Dhania West New Building Stone Quarry (Kha)Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2900(P) , Kissam-Patita, Lat -20 06'42.15" to 20 06'46.6 , Long- 85 33'34.21" to 85 33'36.75"	71050	42630
D21	Dhania New Building Stone Quarry North Side (Tha),Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2847(P) , Kissam- patita(Pahad), Lat- 20.112, Long- 85.567	165480	114390
D22	Dhania New Building Stone Quarry Uttar Taraf (Una),Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2847(P), Kissam-patita (Pahad), LAT- 20 06'40.28" TO 20 06'48.38", LONG- 85 33'00.34 TO 85 34'07.10"	2310849	1553370
D23	Dhania New Building Stone Quarry East Side (Cha), Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 2864(P), KISSAM- patita(Pahad LAT- 20 06'31.02" TO 20 06'38.02" , LONG- 85 34'00.85" TO 85 34'09.18"	1226876	702392
D24	Hatia New building Stone Quarry (Chha) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No. 832/1, Plot No.277(P) , KISSAM- Mundia , LAT-20 05'41.92" TO 05'49.17" , LONG-85 35'02.60" T O 85 35'08.79"	274788	170399
D25	Hatia New Building Stone Quarry (JA) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.,832/1, Plot No. 277(P), Kissam-Mundia, Lat- 20 05'40.82 to 20 05'47.41 Long- 85 35'09.27 to 85 35'13.60,	1235808	249972
D26	Hatia New Building Stone Quarry (GHA) Nijigadatapang,MOUZA-KAIPADAR, Khata No. 832/1, Plot No.277(P), KISSAM- Unnata Yajana Jyogya , LAT- 20 05'49.49" TO 20 05'57.03", LONG- 85 35'05.66" TO 85 35'10.49"	1247148	248455
D27	Kaipadar New Building Stone Quarry, Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2825(P), Kissam- Patita, Lat- 20.113, Long- 85.563	404600	242760
D28	Hatia New Building Stone Quarry (Jha) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.832/1, Plot No.277(P), KISSAM- Mundia, LAT- 20 05'40.79" TO 20 05'47.84" , LONG- 85 35'13.49" TO 85 35'17.84"	291600	174960
D29	Golaputkhua Building Stone Quarry (KHA), Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.832/1, Plot No. 953(P) , Kissam- Mundia, Lat- 20 05'17.07 to 20 05'23.75, Long- 85 34'41.41 to 85 34'50.23	195020	117012
D30	Dhania West Building Stone Quarry (Ka) Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.2900(P),2825(P), KISSAM-Patita , LAT- 20 06'33.74" TO 20 06'38.71", LONG- 85 33'32.81" TO 85 33'42.04"	578578	489168
D31	New Building Stone Quarry (Kha) Kaipadar,MOUZA-KAIPADAR,Khata No. 849, Plot No.2864(P) , Kissam-Patita(Pahad) , Lat- 20 06'26.60 to 20 06'33, long- 85 33'50.99 to 85 33'57.99	2451272	186116

D32	White Stone Quarry, Kijhari, MOUZA-KIAJHARI ,Khata No.320, Plot No.755(P) , Kissam- Bagayat-II, Lat- 20.089, Long- 85.578	48600	14700
D33	Duburi New Building Stone Quarry , Nijigada Tapang,MOUZA-NIJIGADATAPANG ,Khata No.832/1, Plot No.944(P), KISSAM-Mundia, LAT- 20 05'25.99" TO 20 05'30.81" , LONG- 85 34'40.01" TO 85 34'50.20"	274788	170399
D34	Hatia New Building Stone Quarry (GA) Nijigada Tapang, MOUZA-NIJIGADATAPANG ,Khata no.832/1, Plot no.276(P), 277(P), KISSAM-Puratana patita, LAT- 20 05'41.24 TO 20 05'45.54", LONG- 85 34'57.54" TO 85 35'01.95"	147264	69937
D35	Hatia New Building Stone Quarry (TA) Nijigada Tapang, MOUZA-NIJIGADATAPANG,Khata No. 832/1, Plot No.277(P) , Kissam-Mundia, Lat- 20 05'41.35" to 20 05'49.36" , Long- 85 35'17.77" to 85 35'24.98"	613661	343360
D36	New Building Stone Quarry , Kaipadar (Ga),MOUZA-KAIPADAR ,Khata No. 849, Plot No.3502(P) ,Kissam-Patita(Pahad), Lat- 20 06'12.05" to 20 06'15.51, Long- 85 33'24.99 to 85 33'21.31	200000	120000
D37	Sankhari New Building Stone Quarry Jodaamba (Gha) Kaipadar, MOUZA-KAIPADAR ,Khata No.849, Plot No.3502(P) , Kissam-Patita(Pahad), Lat- 20 06'14.54" to 20 06'18.48" , Long- 85 33'16.07" to 85 33'25.09"	1303918	770060
D38	Hanumantia Building Stone Quarry (Ga), Malipada, MOUZA-MALIPADA,Khata No.726/2, Plot No. 9(P) , KISSAM-Patita , LAT-20 05'59.00" TO 20 06'01.19" , LONG- 85 32'31.39" TO 85 32'34.80"	35200	21120
D39	Hatia Building Stone Quarry (Ka), NijigadaTapang, MOUZA-NIJIGADATAPANG,Khata No.832/1, Plot No.276(P) ,Kissam- Puratana Patita, lat- 20 05'45.4" to 20 05'50.2" , Long- 85 34'57.6" to 85 35' 01.0"	18746	11736
D40	Hatia Building Stone Quarry (Una) NijigadaTapang, MOUZA-NIJIGADATAPANG,Khata No.832/1, Plot No.277(P), KISSAM-Mundia , LAT- 20 05' 49.53" TO 2 005'56.94 , LONG- 85 35' 09.98" TO 85 35'14.70"	2226728	230152
D41	Hatia New building Stone Quarry (Cha) Nijigada Tapang, MOUZA-NIJIGADATAPANG,Khata No. 832/1, Plot No.277(P), KISSAM- Mundia LAT- 20 05'49.46" TO 20 05'56.03" , LONG- 85 35'14.35" TO 85 35' 19.38"	1006983	445536
D42	White Stone quarry , Malipada, MOUZA-MALIPADA, Khata No.726/2, Plot No.6(P), Kissam-PATITA	40460	24276
D43	Hanumantia Building Stone Quarry , Malipada,MOUZA-MALIPADA, Khata No.726/2, Plot No. 9(P) , Kissam-PATITA , Lat- 20.1, Long- 85.543	43000	37510
D44	Golaputkhua Building Stone Quarry (KA), Kijhari,MOUZA-Kijhari, Khata no.-320, Plot no.1947(P), Kissam-Patita, lat- 20 05'00.48 to 20 05'17.75 Long-85 34'25.07 to 85 34'47.22	3538200	2122920
D45	Hatia Building Stone Quarry (THA) Nijigada Tapang,MOUZA-NIJIGADATAPANG, Khata no.832/1, Plot no.277(P), Kissam-Mundia , Lat- 20.096, Long- 85.587	320000	192000
D46	Chhatrama Building Stone Quarry (Ka), Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1821(P), Kissam-Patita , Lat- 20.106, Long- 85.587	706000	423600

D47	Chhatrama Building Stone Quarry (Kha), Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1821(P), Kissam-Patita , Lat-20.106, Long- 85.587	259200	155520
D48	Chhatrama Building Stone Quarry (Ga), Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1821(P) , Kissam-Patita , Lat-20.106, Long- 85.587	198000	118800
D49	Kalinga Building Stone Quarry (Ka) Jhinkijhari, MOUZA-JHINKIJHARI, Khata no.602, Plot no.150(P), Kissam-Gochara , Lat- 20 06'11.45" to 20 06'18.72" , Long- 85 35'10.31" to 85 35'21.54"	282000	169200
D50	Kalinga Building Stone Quarry (Kha) Jhinkijhari, MOUZA-JHINKIJHARI, Khata no.602, Plot no.150(P) , Kissam-Gochara , Lat- 20 06'12.75" to 20 06'18.82" , Long- 85 35'03.81" to 85 35'10.89"	301000	180600
D51	Kalinga Building Stone Quarry (Ga) Jhinkijhari, MOUZA-JHINKIJHARI, Khata no.602, Plot no.150(P), Kissam-Gochara , Lat- 20 06'14.57" to 20 06'20.67" , Long- 85 35'10.31" to 85 35'21.54"	245600	147360
D52	Sankhari Dhobi (Uan) Building Stone Quarry , MOUZA-KAIPADAR, Khata no.849, Plot no.3502(P), Kissam-Patita(Pahad) , Lat- 20.104, Long- 85.585	480000	288000
D53	Tangeni Building Stone Quarry, Kaipadar,MOUZA-KAIPADAR, Khata no.849, Plot no.3222(P) , Kissam-Patita(Pahad) , , Lat-20.06'27.15" to 20 06'44.81" , Long- 85 32'51.96" to 85 33'05.30"	689640	413784
D54	Kabar (Ka) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1672(P) , Kissam-Patita, Lat- 20 06'27.76" to 20 06'33.85" , Long- 85 34'38.14 to 85 34'43.43"	444336	266601.6
D55	Kabar (Kha) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.-1499(P) , Kissam-Patita, , Lat- 20 06'33.77" to 20 06'41.05, Long- 85 34'43.33" to 85 34'50.43"	590400	354240
D56	Kabar (Ga) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1499(P) Kissam - Patita, Lat- 20.11, Long- 85.578	522000	313200
D57	Kabar (Gha) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1678(P), Kissam- Patita, Lat- 20.108, Long- 85.581	203000	121800
D58	Sankhari South Black Stone (Ga), Kaipadar, MOUZA-KAIPADAR, Khata no.849, Plot no.3502(P) Kissam-Patita(Pahad) , Lat- 20.104, , Long- 85.554	121320	72792
D59	Sankhari South Black Stone (Kha), Kaipadar, MOUZA-KAIPADAR, Khata no.849, Plot no.3502(P), Kissam-Patita(Pahad) , Lat- 20.104, , Long- 85.554	121320	72792
D60	Narsinghprasad White Stone Quarry, Narsinghprasad, MOUZA-NARASINGHPRASAD, Khata No.377/6, Plot No.9(P) , Kissam- Patita, Lat-20.079, Long- 85.581	111600	66960
D68	Dhania New Building Stone Quarry Middle (Jha), MOUZA-KAIPADAR, KHATA NO-849,PLOT NO-2847(P), Lat-20°06'37.98" to 20°06'41.92" ,Long- 85°33'53.58" to 85°34'06.13"	839138	503482.8
D61	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-1247/473 & 1247/470, Plot-3126 & 3178,Kissam- Bagayat-II, Lat- 20°06'28.31908" to 20°06'35.87876" , Long-85°33'06.94849" to 85°33'21.24364", Area- 1.25Ac	38220	22932

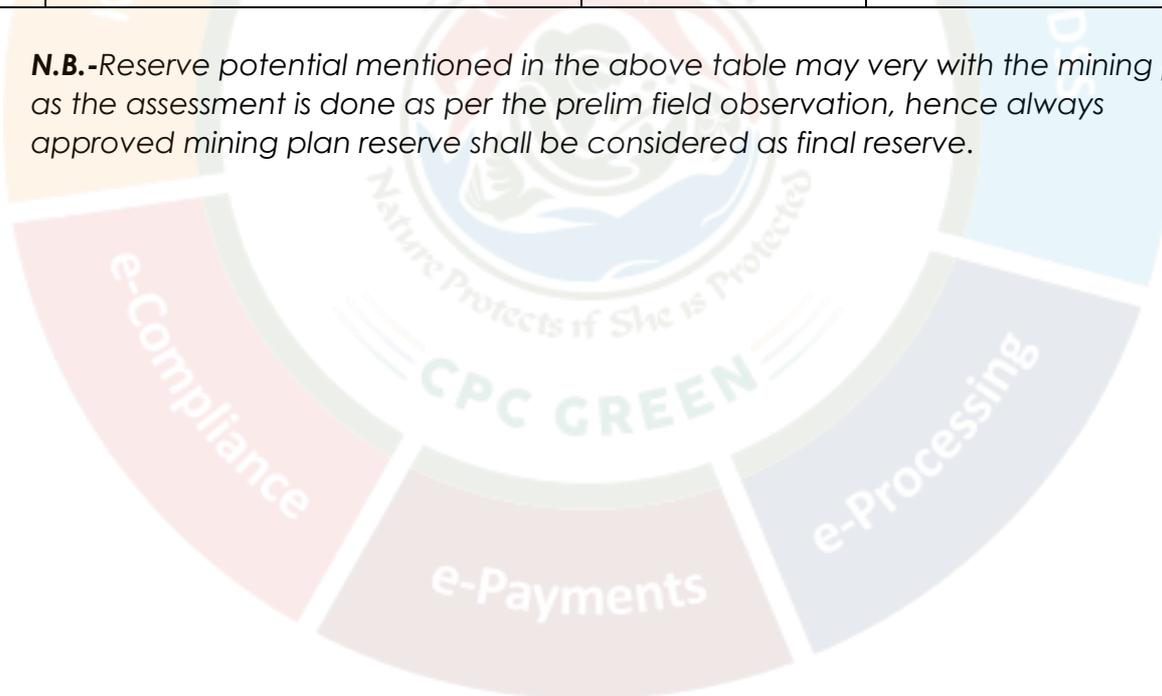
D62	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-41, Plot-3100,3106,Kissam- Bagayad- II(Amba), Lat- 20°06'28.31908" to 20°06'35.87876" , Long-85°33'06.94849" to 85°33'21.24364"	50520	30312
D63	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-825, Plot-2822,Kissam- Bagayad-II(Amba), Lat-20°06'50.06506" to 20°06'53.17883" , Long- 85°18'37.43594" to 85°18'40.79838"	26580	15948
D64	JHINIKJHARI STONE QUARRY, Mouza-Jhinikjhari , Khata-244,242, Plot-143,211 , 96,148, 149,213,152,97 ,113,116 Kissam- sadara & puratana patita, Lat-20.101 , Long- 85.581	19020	11412
D65	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-959, Plot-3225, Kissam- Bagayat-2, Lat- 20°06'41.269" to 20°06'44.383" , Long- 83°32'55.465" to 83°32'58.712"	23040	13824
D66	Kiajhari-1 Stone Quarry, Mouza-Kiajhari , Khata- 59 & 58, Plot-1856 & 1858, Kissam- Bagayat-2, Lat-20°05'3.208" to 20°05'7.285" , Long- 85°34'16.604" to 85°34'20.771"	51960	31176
D67	Kiajhari-2 Stone Quarry, Mouza-Kiajhari , Khata- 59 & 59, Plot-1875 1873, Kissam- Bagayat-2, Lat- 20°05'2.817" to 20°05'7.402" , Long-85°34'19.755" to 85°34'24.551"	44580	26748

**E. Name of the Tahasil:- BEGUNIA**

E1	PARICHHAL BGS, PLOT NO. 725, MOUZA- PARICHHAL , KHATA- 373, PLOT- 725, KISSAM- PARBAT, LAT -20 05'41.37 TO 20 05'45.8" , LONG- 85 30'56.99" TO 85 31'04.38"	118371	71022.6
E2	PARICHHAL BGS, PLOT NO. 702,MOUZA- PARICHHALA , KHATA- 373, PLOT- 702(P), KISSAM- PARBAT, LAT -20.094 , LONG-85.519	202300	121380
E3	PARICHHAL BGS-726 ,MOUZA-PARICHHAL , KHATA- 373, PLOT- 726, KISSAM- PARBAT, LAT - 20.093 , LONG- 85.516	71645	19600
E4	Kalachua Building Stone Quarry (Jha), MOUZA- DANGARPADA, Khata No.17, Plot No.1517(P), KISSAM-Patita, LAT- 20 05'50.42" TO 20 05'56.09" , LONG- 85 30'36.34" TO 85 30'44.72"	230400	138240
E5	Kalachua New Building Stone Quarry(TA) Dangarpada,MOUZA-DANGARPADA, Khata No.17, Plot No.1517(P) , kissam- Patita, Lat- 20 05'45.91 to 20 05'56.07, long- 85 30 44.29" to 85 30'47.88"	996145	685000
E6	Samantarapur New Building Stone Quarry , MOUZA-SAMANTARAPUR, Khata No.349/1, Plot No. 1250(P),1251(P) , KISSAM- Patita, LAT-20 06'01.08" TO 20 06'04.0" , LONG- 85 30'49.5" TO 85 30'52.7"	19404	11642.4
E7	Kalachua Building Stone Quarry , Dangarpada,MOUZA-DANGARPADA, Khata No.17, Plot No.1246(P), 1237(P) KISSAM- Patita, LAT- 20 05'56.04" TO 20 06'03.43" , LONG- 85 30'37.76" TO 85 30'48.70"	1018548	385972
E8	Dangarpada Building Stone Quarry , Dangarpada, MOUZA-DANGARPADA, Khata No.17, Plot No.1246(P), KISSAM-Patita , LAT-20 05'56.04" TO 20 06'03.83, LONG- 85 30' 38.22 TO 85 30'48.55"	202000	121200
E9	Dangarpada New Building Stone Quarry (North Side) Dangarpada,MOUZA- DANGARPADA,Khata No.17, Plot No.1237(P), KISSAM-Patita , LAT- 20 06'01.6" TO 20 06'08.7" , LONG- 85 30'33.1" TO 85 30'40.1"	261624	217074
E10	Kalachua New Building Stone Quarry (Nion), MOUZA- DANGARPADA,Khata No.17, Plot No.1517(P), KISSAM-Patita , LAT- 20 05'45.52" TO 20 05'50.95 , LONG- 85 30'37.25" TO 85 30'44.72"	216320	129792

E11	Kalachua New building Stone Quarry (Chha), MOUZA-DANGARPADA,Khata No. 17 plot No. 1517(P), Kissam- Patita, Lat-20 05'56.16 to 20 06'02.59, Long-85 30'32.59" to 85 30' 42.81	790724	378918
E12	Kalachua New Building Stone Quarry (Cha), MOUZA-DANGARPADA,Khata No.17, Plot No.1517,KISSAM- Patita, LAT- 20 06'01.23" TO 20 06'08.71" , LONG- 85 30'31.63" TO 85 30'36.10"	320160	143010
E13	Kalachua New Building Stone Quarry (Ja), MOUZA-DANGARPADA,Khata No.17, Plot No.1517, KISSAM-Patita, LAT- 20 05'51.01" TO 20 05'56.03" , LONG- 85 30'31.92" TO 85 30'36.55"	494091	226265
E14	Dangarpada New White Stone Quarry , MOUZA- DANGARPADA,Khata No.17, Plot No.1517(P) , KISSAM-Patita , LAT- 20 05'52.68" TO 20 06'56.04", LONG- 85 30' 48.45" TO 85 30'51.55"	64720	38832
E15	Kalachua New Building Stone Quarry (Tha), MOUZA-DANGARPADA, Khata No. 17 plot No. 1517(P), Kissam- Patita, Lat-20.097, Long- 85.512	396000	237600
E16	Dangarpada White Building Stone Quarry, Dangarpada,MOUZA-DANGARPADA, Khata no.17, Plot no.1517(P), Kissam- Patita, Lat-20.097, Long- 85.512	56000	33600
E17	PARICHHAL STONE QUARRY (638), MOUZA- PARICHHAL, KHATA-373, PLOT- 638(3.875AC), 640(2.875), 642(4.5AC), KISSAM- PARBATA, LAT-20 5'44.112" TO 20 5'46.493" , LONG-85 31'13.741" TO 85 31'17.426"	273120	163872
E18	PARICHALA STONE QUARRY- 731,KHATA- 731, PLOT- 373, KISSAM-PARBAT, LAT -, LONG-	182080	109248

**N.B.-**Reserve potential mentioned in the above table may vary with the mining plan as the assessment is done as per the prelim field observation, hence always approved mining plan reserve shall be considered as final reserve.



## 15. QUALITY /GRADE OF MINERAL AVAILABLE IN THE DISTRICT.

Road metal/building metal of the district are very much suitable for various construction purposes after its crushing and screening. The in-situ rocks are fractured making these unsuitable for decorative purpose.

## 16. USE OF MINERAL.

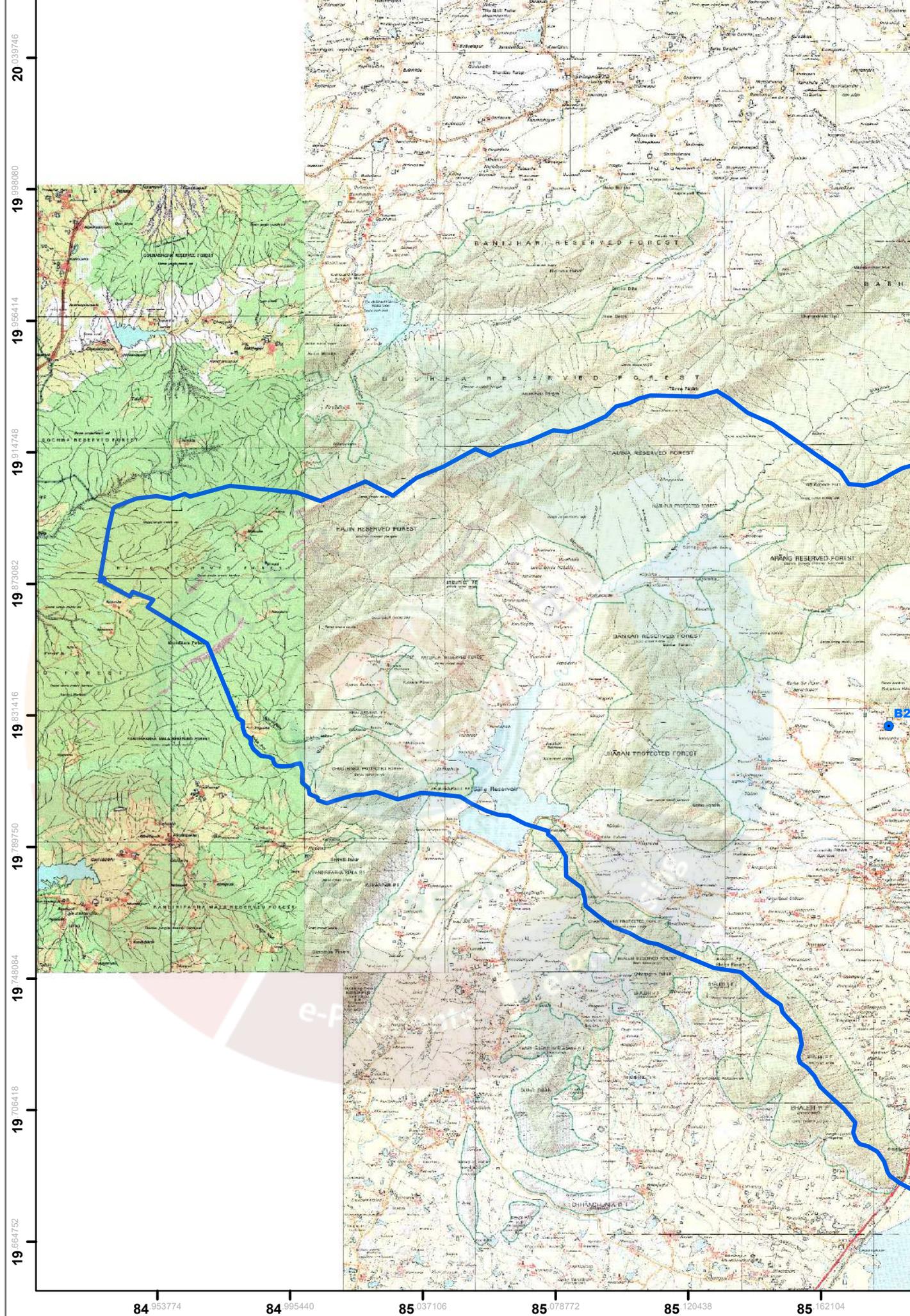
Road metal/building metal of the district are used mainly for various construction purposes like road making, concrete making, dams etc.

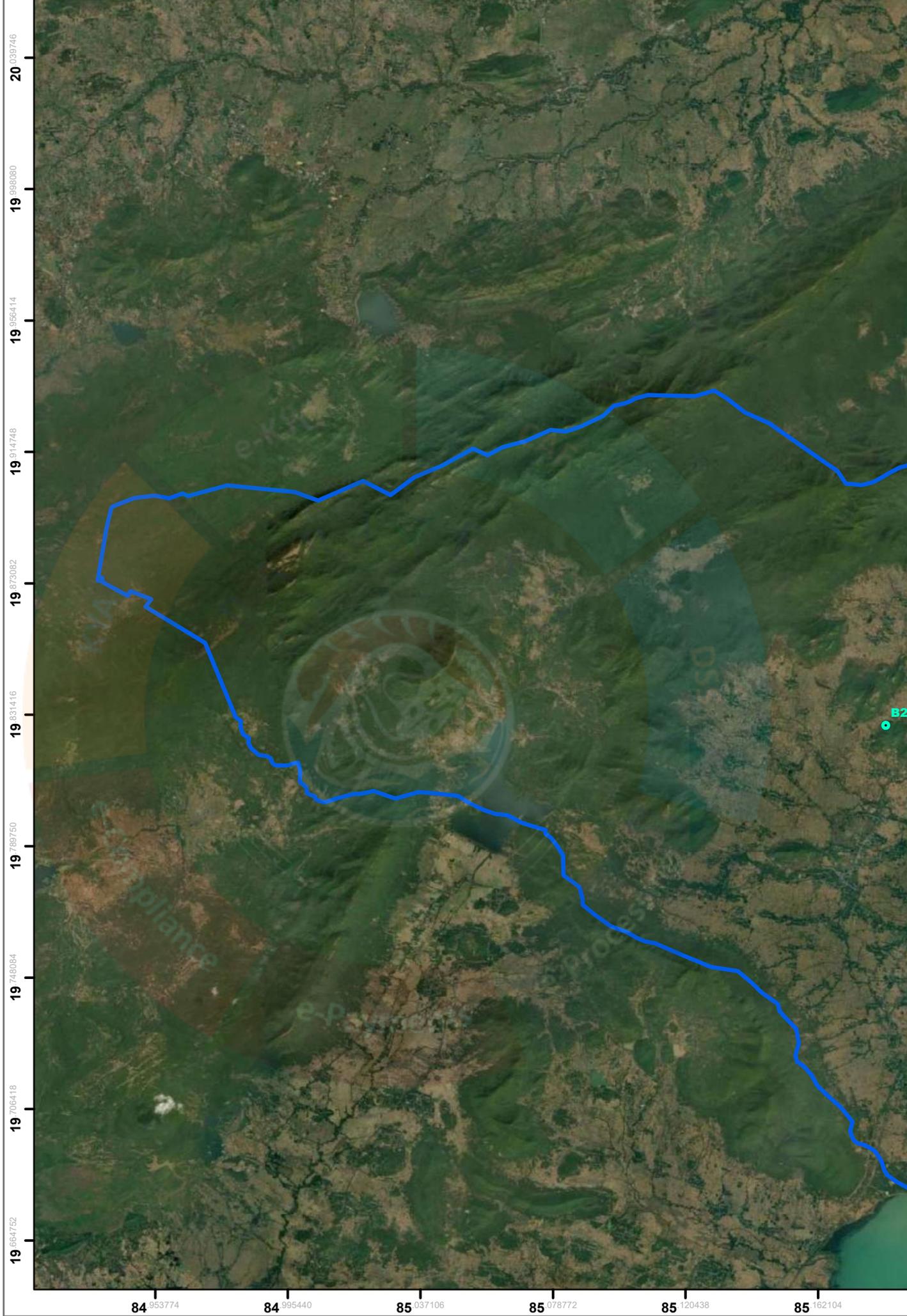
## 17. DEMAND AND SUPPLY OF THE MINERAL IN THE LAST THREE YEARS.

As per the data provided by the DDM the demand of the road metal/stone in the district is as follows,

SI No	Department	2021-22 (Cum)	2022-23 (Cum)	2023-24 (Cum)
1	Superintending Engineer M.I. Division, Khordha	7436.77	7503.69	10290.95
2	Superintending Engineer Prachi Division, Bhubaneswar	3223.34	4835.00	6446.68
3	Executive Engineer BBSR, (R & B) Division No-V, BBSR	13006.10	1071.91	39123.87
4	Executive Engineer Khordha, (R & B) Division	89883	87632	82857
5	Executive Engineer BBSR, (R & B) Division No-IV, BBSR	19893.00	22454.00	23287.00
6	Executive Engineer BBSR, (R & B) Division No-II	61794	94097	110356

Supply of the mineral details are given in the production table.





**19. DETAILS OF THE AREA OF WHERE THERE IS A CLUSTER OF MINING LEASES VIZ. NUMBER OF MINING LEASES, LOCATION (LATITUDE AND LONGITUDE).**

Quarries existing within 500m radius are considered as cluster of Mining Leases as per the guide lines of MoEF.

SL NO.	NAME OF TAHASIL	NAME OF CLUSTER	DETAILS OF QUARRY LEASE AREA	NUMBER OF MINING LEASE
1	BOLAGARH	PANCHAKOT-KUSAPALLA CLUSTER	PANCHUKOT-A BOULDER QUARRY, MOUZA-PANCHUKOT , KHATA- 231, PLOT-622, KISSAM- MUNDIA, LAT-20 9' 24.52" TO 20 9'29.12" , LONG- 85 14'37.36 TO 85 14' 41.08"	2
			KUSAPALLA BOULDER QUARRY, MOUZA-KUSAPALLI , KHATA- 495, PLOT- 683, KISSAM- PAHADA, LAT -20 08'57.26" TO 20 09'01.67" , LONG- 85 14'28.26" TO 85 14'32.05"	
2	BOLAGARH	GOBARDHANPUR CLUSTER	GOBARDHANPUR-A BOULDER QUARRY, MOUZA-GOBARDHANPUR , KHATA-365, PLOT- 6(P),KISSAM-CHHOTA PAHAD , LAT-20 12'59.89" TO 20 12'55.75" , LONG- 85 13'04.00" TO 85 13'00.22"	2
			GOBARDHANPUR BOULDER QUARRY-B,MOUZA-GOBARDHANPUR, KHATA- 365, PLOT- 96, KISSAM-SANATOLIA PAHADA, LAT -20.216374 TO 20.21676 , LONG- 85.221273 TO 85.221355	
3	TANGI	JARIPUT-JAYMANGALPUR CLUSTER	JARIPUT BLACK STONE QUARRY-10, MOUZA-JARIPUT , KHATA- 296, PLOT- 1112/1, KISSAM-MUNDIA, LAT -19 51'22.5" TO 19 51'23.6" , LONG- 85 18'39.9" TO 85 18'41.4	10
			JARIPUT BLACK STONE QUARRY-9,MOUZA-JARIPUT , KHATA- 296, PLOT- 1112/1, KISSAM-MUNDIA, LAT -19.864 , LONG- 85.306	
			JARIPUT BLACK STONE QUARRY-11,MOUZA-JARIPUT , KHATA- 296, PLOT- 689, KISSAM-MUNDIA, LAT - 19 51'41.67" TO 19 51' 53.37" , LONG- 85 18'17.82" TO 85 18'24.305"	
			JARIPUT BLACK STONE QUARRY-D,MOUZA-JARIPUT , KHATA- 296, PLOT- 1112(P), KISSAM-MUNDIA, LAT - 19 51'20.7" TO 19 51' 25.1" , LONG- 85 18'33.2" TO 85 18'36.6"	
			JARIPUR BLACK STONE QUARRY- C, MOUZA-JARIPUT , KHATA- 296, PLOT- 1112(P),1061, KISSAM-MUNDIA, LAT - 19 51'24.5" TO 19 51' 28.7" , LONG- 85 18'37.1" TO 85 18'42.7"	
			JARIPUT BLACK STONE QUARRY-A,MOUZA-JARIPUT , KHATA- 296, PLOT- 1112(P), KISSAM-MUNDIA, LAT - 19 51'18.5" TO 19 51'23.7" , LONG- 85 18'36.7" TO 85 18'39.7"	
			JARIPUT BLACK STONE QUARRY-B, MOUZA-JARIPUT , KHATA- 296, PLOT- 1112(P), KISSAM-MUNDIA, LAT -19 51'22.5" TO 19 51' 26.4" , LONG- 85 18'36.7" TO 85 18'43.6"	
			JAYAMANGALPUR BSQ- 1,MOUZA-JAYMANGALPUR , KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT -19.859 , LONG- 85.311	
			JAYMANGALPUR BSQ-2,MOUZA- JAYMANGALPUR, KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT - 19.859, LONG- 85.311	
			JAYMANGALPUR BSQ-3,MOUZA- JAYMANGALPUR, KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT -19.859 , LONG-85.311	

4	TANGI	BRUSHABANDHA-NAYAKOTA CLUSTER	<p>BRUSHABANDHA BSQ-1 ,MOUZA-BRUSHABANDHA , KHATA- 214, PLOT- 554, KISSAM-MUNDIA, LAT -19 52'35.9" TO 19 52'39.0" , LONG-85 19'52.0" TO 85 19'55.6"</p> <p>BRUSHABANDHA BSQ-3 ,MOUZA-BRUSHABANDHA , KHATA- 214, PLOT- 554, KISSAM-MUNDIA, LAT -19 52'34.0" TO 19 52'40.0" , LONG-85 19'45.6" TO 85 19'52.6"</p> <p>BRUSHABANDHA BLACK METAL QUARRY- 5,MOUZA-BRUSABANDHA, KHATA-214,PLOT- 554, KISSAM- PAHAD, LAT-19° 52'30.67 TO 19° 52' 36.22N , LONG- 85° 19'39.83" TO 85° 19' 44.31"</p> <p>BHRUSABANDHA BLACK STONE QUARRY-6,MOUZA-BHRUSABANDHA , KHATA- 214, PLOT- 554, KISSAM-MUNDIA, LAT -19 52' 34.00 TO 19 52' 40.00 , LONG- 85 19'45.6 TO 85 19'52.6</p> <p>NAYAKOTA BLACK STONE QUARRY, MOUZA-NAYAKOTA , KHATA- 293, PLOT- 685, KISSAM-PAHAD, LAT -19 52' 39.67" TO 19 52'44.99" , LONG- 85 19'50.51" TO 85 19'54.93"</p>	5
5	KHORDHA	GOLAPUTKHUA-DUBURI-KIAJHARI CLUSTER	<p>GOLAPUTKHUA BUILDING STONE QUARRY (KHA), NIJIGADA TAPANG,MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO. 953(P) , KISSAM- MUNDIA, Lat- 20 05'17.07 to 20 05'23.75, Long- 85 34'41.41 to 85 34'50.23</p> <p>WHITE STONE QUARRY, KIAJHARI, MOUZA-KIAJHARI ,KHATA NO.320, PLOT NO.755(P) , KISSAM- BAGAYAT-II, LAT- 20.089, LONG- 85.578</p> <p>DUBURI NEW BUILDING STONE QUARRY , NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG ,KHATA NO.832/1, PLOT NO.944(P), KISSAM-MUNDIA LAT- 20 05'25.99" TO 20 05'30.81" , LONG- 85 34'40.01" TO 85 34'50.20"</p> <p>GOLAPUTKHUA BUILDING STONE QUARRY (KA), KIAJHARI,MOUZA-KIAJHARI, KHATA NO.-320, PLOT NO.1947(P), KISSAM-PATITA, lat- 20 05'00.48 to 20 05' 17.75 Long-85 34'25.07 to 85 34'47.22</p> <p>KIAJHARI-1 STONE QUARRY(1856), MOUZA-KIAJHARI , KHATA-59&amp; 58, PLOT-1856,1858 KISSAM- BAGAYAT-2, LAT-20°05'3.208" TO 20°05'7.285" , LONG-85°34'16.604" TO 85°34'20.771"</p> <p>KIAJHARI-2 STONE QUARRY(1875), MOUZA-KIAJHARI , KHATA-59, PLOT-1875,1873 KISSAM- BAGAYAT-2, LAT-20°05'2.817" TO 20°05'7.402" , LONG-85°34'19.755" TO 85°34'24.551"</p>	6
6	KHORDHA	SANKHARI KAIPADAR DHANIA CLUSTER	<p>SANKHARI EAST-WEST BUILDING STONE QUARRY (KA),MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) KISSAM-PATITA(PAHAD), LAT- 20 06'27.58" TO 20 06'33.66", LONG- 85 33'04.23" TO 85 33'17.75"</p> <p>SANKHARI EAST WEST NEW BUILDING STONE QUARRY (KHA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.3502(P) , KISSAM- PATITA(PAHAD), LAT-20.105 , LONG-85.554</p> <p>SANKHARI EAST WEST BUILDING STONE QUARRY (GA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 3502(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'19.36" TO 20 06'27.69" , LONG- 85 33'09.92" 85 33'15.63"</p> <p>SANKHARI EAST WEST BUILDING STONE QUARRY (GHA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 3502(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'19.36" TO 20 06'27.62" , LONG- 85 33'15.19" TO 85 33'24.34"</p>	

SANKHARI SOUTH NEW BUILDING STONE QUARRY (CHA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 3502(P) , KISSAM -PATITA(PAHAD) , LAT-20 06'10.84 TO LONG- 85 33'09.79" TO 85 33'14.98"
SANKHARI SOUTH NEW BUILDING STONE QUARRY (CHHA)KAIPADAR MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 3502(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'09.92 TO 20 06'16.50", LONG- 85 33'14.83" TO 85 33'25.61"
SANKHARI SOUTH NEW BUILDING STONE QUARRY , KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) , KISSAM- PATITA(PAHAD), LAT-20 06'10.4" TO 20 06'13.3", LONG- 85 33'14.3" TO 85 33'19.2"
SANKHARI SOUTH NEW BUILDING STONE QUARRY (KA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) , KISSAM-PATITA(PAHAD) , LAT- 20 06'15.21" TO 20 06'20.42" , LONG- 85 33'08.38" TO 85 33'14.68"
SANKHARI NEW BUILDING STONE QUARRY JODAAMBA (GHA) KAIPADAR, MOUZA-KAIPADAR ,KHATA NO.849, PLOT NO.3502(P) , KISSAM-PATITA(PAHAD), Lat- 20 06'14.54" to 20 06'18.48", Long- 85 33'16.07" to 85 33'25.09"
SANKHARI DHOBI (UAN) BUILDING STONE QUARRY ,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P), KISSAM-PATITA(PAHAD) , LAT- 20.104, LONG- 85.585
SANKHARI SOUTH BLACK STONE (GA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) KISSAM-PATITA(PAHAD) , LAT- 20.104, , LONG- 85.554
SANKHARI SOUTH BLACK STONE (KHA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P), KISSAM-PATITA(PAHAD) , LAT- 20.104, , LONG- 85.554
NEW BUILDING STONE QUARRY , KAIPADAR (GA), MOUZA-KAIPADAR ,KHATA NO. 849, PLOT NO.3502(P) ,KISSAM-PATITA(PAHAD), ), Lat- 20 06'12.05" to 20 06'15.51, Long- 85 33'24.99 to 85 33'21.31
KAIPADAR STONE QUARRY, MOUZA-KAIPADAR , KHATA-1247/473,1247/470 PLOT-3126, 3178,KISSAM- BAGAYAT-II, LAT- 20°06'28.31908" TO 20°06'35.87876" , LONG- 85°33'06.94849" TO 85°33'21.24364", AREA- 1.25AC
KAIPADAR STONE QUARRY, MOUZA-KAIPADAR , KHATA-41, PLOT-3100,3106,KISSAM- BAGAYAD-II(AMBA), LAT- 20°06'28.31908" TO 20°06'35.87876" , LONG- 85°33'06.94849" TO 85°33'21.24364"
KAIPADAR STONE QUARRY, MOUZA-KAIPADAR , KHATA-825, PLOT-2822,KISSAM- BAGAYAD-II(AMBA), LAT- 20°06'50.06506" TO 20°06'53.17883" , LONG- 85°18'37.43594" TO 85°18'40.79838"
TANGANI BUILDING STONE QUARRY, KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3222(P) , KISSAM-PATITA(PAHAD) , LAT- 20.11, LONG- 85.549
KAIPADAR NEW BUILDING STONE QUARRY (KA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.2825(P) & 2867 (P), KISSAM- PATITA , LAT- 20 06'37.2" TO 20 06'46.5" , LONG- 85 33'41.5" TO 85 33'51.5"
KAIPADAR NEW BUILDING STONE QUARRY, KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2825(P), KISSAM- PATITA, LAT- 20.113, LONG-85.563
DHANIA BUILDING STONE QUARRY (E), KAIPADAR, KAIPADAR, KHATA NO.849, PLOT NO.2847(P) ,KISSAM-PATITA(PAHAD) , LAT-20.112 , LONG-85.567

		DHANIA NEW BUILDING STONE QUARRY(F), KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2847(P) , KISSAM- PATITA(PAHAD), LAT-112 , LONG- 85.567
		DHANIN WEAST BUILDING STONE QUARRY (GA),KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2825 (P), KISSAM- PATITA(PAHAD), LAT- 20.105, LONG- 85.554
		DHANIA WEST BUILDING STONE QUARRY (GHA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2825(P) & 2900(P) , KISSAM- PATITA , LAT- 20 06'38.51" TO 20 06'41.07" , LONG- 85 33'34.09" TO 85 33'41.51"
		DHANIA NEW BUILDING STONE QUARRY UTTARA TARAF (TA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2847(P) , KISSAM-NOT FOUND , LAT- 20 06'41.59" TO 20 06'48.73", LONG- 85 33'53.58" TO 85 33'59.88"
		DHANIA NEW BUILDING STONE QUARRY UTAR TARAF (DA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 2825(P) , KISSAM-PATITA , LAT- 20.105 , LONG- 85.554
		DHANIA SOUTH EAST NEW BUILDING STONE QUARRY, KAIPADAR,MOUZA- KAIPADAR, KHATA NO.849, PLOT NO. 2864(P) , KISSAM-PATITA(PAHAD), LAT- 20 06.33.38" TO 20 06'38.55", LONG- 85 33'51.79" TO 85 33'57.45"
		DHANIA NEW BUILDING STONE QUARRY (JA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849,PLOT NO.2864(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'33.23" TO 20 06'38.37", LONG- 85 33'56.69" TO 85 34'02.10"
		DHANIA NEW BUILDING STONE QUARRY SOUTH EAST (CHHA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.2864(P) , KISSAM-PATITA(PAHAD) , LAT- 20 06'26.16"TO 20 06' 33.34" LONG- 85 33'57.02" TO 85 34' 07.05"
		DHANIA WEST NEW BUILDING STONE QUARRY (KHA)KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2900(P) , KISSAM-PATITA , LAT -20.111 , LONG- 85.56
		DHANIA NEW BUILDING STONE QUARRY NORTH SIDE (THA),KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2847(P) , KISSAM- PATITA(PAHAD), LAT- 20.112, LONG- 85.567
		DHANIA NEW BUILDING STONE QUARRY UTTAR TARAF (UNA),KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2847(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'39.84"B TO 20 06'47.80", LONG- 85 33'58.68 TO 85 34'07.10"
		DHANIA NEW BUILDING STONE QUARRY EAST SIDE (CHA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2864(P), KISSAM- PATITA(PAHAD), LAT- 20 06'30.94" TO 20 06'37.72" , LONG- 85 33'59.92" TO 85 34'08.75"
		DHANIA WEST BUILDING STONE QUARRY (KA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.2900(P),2825(P), KISSAM-PATITA , LAT- 20 06'33.74" TO 20 06'38.71", LONG- 85 33'32.81" TO 85 33'42.04"
		DHANIA NEW BUILDING STONE QUARRY MIDDLE (JHA),KAIPADAR,14/18,MOUZA-KAIPADAR ,KHATA NO- 849,PLOT NO-2847(P),KISSAM-,LAT-20°06'37.98" TO 20°06'41.92" ,LONG-85°33'53.58" TO 85°34'06.13"

			NEW BUILDING STONE QUARRY (KHA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.2864(P) , KISSAM-PATITA (PAHAD) Lat- 20 06'26.60 to 20 06'33, long- 85 33'50.99 to 85 33'57.99	
7	KHORDHA	HATIA-KARABA-KALINGA-CHHATRAMA CLUSTER	HATIA NEW BUILDING STONE QUARRY (CHHA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO. 832/1, PLOT NO.277(P) , KISSAM- MUNDIA , LAT-20 05'42.20" TO 05'50.06", LONG-85 35'02.60" T O 85 35'09.22"	20
			HATIA NEW BUILDING STONE QUARRY (JA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO.,832/1, PLOT NO. 277(P), KISSAM-MUNDIA, LAT- 20.096, LONG- 85.587	
			HATIA NEW BUILDING STONE QUARRY (GHA) NIJIGADATAPANG, MOUZA-KAIPADAR, KHATA NO. 832/1, PLOT NO.277(P), KISSAM- UNNATA YAJANA JYOGYA , LAT- 20 05'49.49" TO 20 05'57.03", LONG- 85 35'05.66" TO 85 35'10.49"	
			HATIA NEW BUILDING STONE QUARRY (JHA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO.277(P), KISSAM- MUNDIA, LAT- 20 05'40.79" TO 20 05'47.84" , LONG- 85 35'13.49" TO 85 35'17.84"	
			HATIA NEW BUILDING STONE QUARRY (GA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG ,KHATA NO.832/1, PLOT NO.276(P), 277(P), KISSAM- PURATANA PATITA, LAT- 20 05'41.24 TO 20 05'45.54", LONG- 85 34'57.54" TO 85 35'01.95"	
			HATIA NEW BUILDING STONE QUARRY (TA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO. 832/1, PLOT NO.277(P) , KISSAM-MUNDIA, LAT- 20 05'41.35" TO 20 05'49.36", LONG- 85 35'17.77" TO 85 35'24.98"	
			HATIA BUILDING STONE QUARRY (KA), NIJIGADATAPANG, MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO.276(P) ,KISSAM- PURATANA PATITA, LAT- 20 05'45.4" TO 20 05'50.2", LONG- 85 34'57.6" TO 85 35' 01.0"	
			HATIA BUILDING STONE QUARRY (UNA) NIJIGADATAPANG, MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO.277(P), KISSAM-MUNDIA , LAT- 20 05' 49.53" TO 2 005'56.94 , LONG- 85 35' 09.98" TO 85 35'14.70"	
			HATIA NEW BUILDING STONE QUARRY (CHA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO. 832/1, PLOT NO.277(P), KISSAM- MUNDIA, LAT- 20 05'49.46" TO 20 05'56.03" , LONG- 85 35'14.35" TO 85 35' 19.38"	
			HATIA BUILDING STONE QUARRY (THA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO.277(P), KISSAM-MUNDIA , LAT- 20.096, LONG- 85.587	
			CHHATRAMA BUILDING STONE QUARRY (KA), CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1821 (P), KISSAM-PATITA , LAT- 20.106, LONG- 85.587	
			CHHATRAMA BUILDING STONE QUARRY (KHA), CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1821 (P), KISSAM-PATITA , LAT- 20.106, LONG- 85.587	
			CHHATRAMA BUILDING STONE QUARRY (GA), CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1821 (P) , KISSAM-PATITA , LAT- 20.106, LONG- 85.587	

			<p>KABAR (KA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1672(P) , KISSAM-PATITA, Lat- 20 06'27.76" to 20 06'33.85", Long- 85 34'38.14 to 85 34'43.43"</p> <p>KABAR (KHA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.- 1499(P) , KISSAM-PATITA, Lat- 20 06'33.77" to 20 06'41.05, Long- 85 34'43.33" to 85 34'50.43"</p> <p>KABAR (GA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1499(P) KISSAM - PATITA, LAT- 20.11, LONG- 85.578</p> <p>KABAR (GHA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1678(P), KISSAM- PATITA, LAT- 20.108, LONG- 85.581</p> <p>KALINGA BUILDING STONE QUARRY (KA) JHINKIJHARI,MOUZA-JHINKIJHARI, KHATA NO.602, PLOT NO.150(P) , KISSAM-GOCHARA , Lat- 20 06'11.45" to 20 06'18.72" , Long- 85 35'10.31" to 85 35'21.54"</p> <p>KALINGA BUILDING STONE QUARRY (KHA) JHINKIJHARI, MOUZA-JHINKIJHARI, KHATA NO.602, PLOT NO.150(P) , KISSAM-GOCHARA , Lat- 20 06'12.75" to 20 06'18.82", Long- 85 35'03.81" to 85 35'10.89"</p> <p>KALINGA BUILDING STONE QUARRY (GA) JHINKIJHARI, MOUZA-JHINKIJHARI, KHATA NO.602, PLOT NO.150(P), KISSAM-GOCHARA , Lat- 20 06'14.57" to 20 06'20.67" , Long- 85 35'10.31" to 85 35'21.54"</p>	
8	KHORDHA	HANUMANTA CLUSTER	<p>HANUMANTIA BUILDING STONE QUARRY (GA), MALIPADA,MOUZA-MALIPADA,KHATA NO.726/2, PLOT NO. 9(P) , KISSAM-PATITA , LAT-20 05'59.00" TO 20 06'01.19", LONG- 85 32'31.39" TO 85 32'34.80"</p> <p>WHITE STONE QUARRY , MALIPADA,MOUZA-MALIPADA, KHATA NO.726/2, PLOT NO.9(P), KISSAM- PATITA, LAT- 20.1, LONG-85.543</p> <p>HANUMANTIA BUILDING STONE QUARRY , MALIPADA, MOUZA-MALIPADA, KHATA NO.726/2, PLOT NO. 9(P) , KISSAM-PATITA , LAT- 20.1, LONG-85.543</p>	3
9	BEGUNIA	PARICHHAL-KALACHUA-DANGARPADA CLUSTER	<p>PARICHHAL BGS.MOUZA-PARICHHAL , KHATA- 373, PLOT- 725, KISSAM- PARBAT, LAT -20.095 , LONG- 85.516</p> <p>PARICHHAL BGS.MOUZA-PARICHHAL , MOUZA-PARICHHALA , KHATA- 373, PLOT- 702(P), KISSAM-PARBAT, LAT -20.094 , LONG-85.519</p> <p>PARICHHAL BGS-726 , MOUZA-PARICHHAL , KHATA- 373, PLOT- 726, KISSAM- PARBAT, LAT -20.093 , LONG- 85.516</p> <p>KALACHUA BUILDING STONE QUARRY (JHA), MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1517(P), KISSAM-PATITA, LAT- 20 05'50.42" TO 20 05'56.09", LONG- 85 30'36.34" TO 85 30'44.72"</p> <p>KALACHUA NEW BUILDING STONE QUARRY(TA) DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1517(P) , KISSAM- PATITA, Lat- 20 05'45.91 to 20 05'56.07, long- 85 30 44.29" to 85 30'47.88"</p> <p>KALACHUA BUILDING STONE QUARRY , DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1246(P), 1237(P) KISSAM- PATITA, LAT- 20 05'56.04" TO 20 06'03.43" , LONG- 85 30'37.76" TO 85 30'48.70"</p> <p>KALACHUA NEW BUILDING STONE QUARRY (NION), MOUZA- DANGARPADA,KHATA NO.17, PLOT NO.1517(P), KISSAM-PATITA , LAT- 20 05'45.52" TO 20 05'50.95 , LONG- 85 30'37.25" TO 85 30'44.72"</p> <p>KALACHUA NEW BUILDING STONE QUARRY (CHHA), MOUZA-DANGARPADA,KHATA NO. 17 PLOT NO.</p>	16

			1517(P), KISSAM- PATITA, Lat-20 05'56.16 to 20 06'02.59, Long-85 30'32.59" to 85 30' 42.81	
			KALACHUA NEW BUILDING STONE QUARRY (CHA), MOUZA-DANGARPADA,KHATA NO.17, PLOT NO.1517,KISSAM- PATITA, LAT- 20 06'01.23" TO 20 06'08.71" , LONG- 85 30'31.63" TO 85 30'36.10"	
			KALCHUA NEW BUILDING STONE QUARRY (JA), MOUZA-DANGARPADA,KHATA NO.17, PLOT NO.1517, KISSAM-PATITA, LAT- 20 05'51.01" TO 20 05'56.03" , LONG- 85 30'31.92" TO 85 30'36.55"	
			KALACHUA NEW BUILDING STONE QUARRY (THA), MOUZA-DANGARPADA, KHATA NO. 17 PLOT NO. 1517(P), KISSAM- PTITA, LAT-20.097, LONG- 85.512	
			DANGRPADA WHITE BUILDING STONE QUARRY, DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1517(P), KISSAM- PTITA, LAT-20.097, LONG- 85.512	
			DANGARPADA NEW WHITE STONE QUARRY , MOUZA-DANGARPADA,KHATA NO.17, PLOT NO.1517(P) , KISSAM-PATITA , LAT- 20 05'52.68" TO 20 06'56.04" , LONG- 85 30' 48.45" TO 85 30'51.55"	
			DANGARPADA NEW BUILDING STONE QUARRY (NORTH SIDE) DANGARPADA, MOUZA-DANGARPADA,KHATA NO.17, PLOT NO.1237(P), KISSAM-PATITA , LAT- 20 06'01.6" TO 20 06'08.7" , LONG- 85 30'33.1" TO 85 30'40.1"	
			DANGARPADA BUILDING STONE QUARRY , DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1246(P), KISSAM-PATITA , LAT-20 05'56.04" TO 20 06'03.83, LONG- 85 30' 38.22 TO 85 30'48.55"	
			PARICHHAL BGS,MOUZA-PARICHHAL , KHATA- 373, PLOT- 725, KISSAM- PARBAT, LAT -20.095 , LONG- 85.516	
10	BEGUNIA	NAYAKOT-PARICHHAL CLUSTER	NAYAKOTA STONE QUARRY-632/1288, MOUZA-NAYAKOTE , KHATA-284/241, PLOT-632/1288, KISSAM-SARADA-III, LAT- 20°04'58.05828" TO 20°04'59.51194" , LONG-85°30'54.07083" TO 85°30'55.82473"	2
			PARICHHAL STONE QUARRY (638), MOUZA- PARICHHAL, KHATA-373, PLOT- 638(3.875AC), 640(2.875), 642(4.5AC), KISSAM- PARBATA, LAT-20 5'44.112" TO 20 5'46.493" , LONG-85 31'13.741" TO 85 31'17.426"	

## 20. DETAILS OF ECO-SENSITIVE AREA, IF ANY, IN THE DISTRICT.

Odisha has 19 Sanctuaries including Gahirmatha Marine Wildlife Sanctuary, one National Park (Bhitarkanika), one proposed National Park (Similipal) which have been notified under the provisions of Indian Wildlife (Protection) Act, 1972 for in-situ conservation. These Protected Areas constitute 10.37% of the total forest area and 5.36% of the total geographical area of the State. One large Zoological Park (**Nandankanan**), three Small Zoos and seven Mini Zoos have been notified for ex-situ conservation and management of wildlife out side protected areas. The State has the singula distinction of having three stretches of mass nesting beaches of endangered Olive Ridley Sea turtles including the world's largest nesting ground if Olive Ridley Sea turtle, *Lepidochelys olivacea*

at Gahirmatha. It has many natural wetlands including the largest wetland of Asia (**Chilika**) and Bhitarkanika which are declared as "Ramsar Sites". Six Eco-sensitive Zones finally notified (Kapilash, **Chandaka**, Balukhanda, Debrigarh, Kuldiha and Bhitarkanika). Hence only Eco-Sensitive Zone of Chandaka-Damapada Wildlife Sanctuary is located within the district.

**Chandaka Elephant Sanctuary**, located near Bhubaneswar across the Khurda and Cuttack districts of Odisha, spans an area of approximately 175.79 square kilometers. Established in 1982 as an elephant reserve, it serves as a crucial habitat for elephants, wild dogs, ratels, and various reptiles, within a landscape of moist semi-evergreen forests and bamboo groves. To strengthen protection and manage urban pressures, a draft proposal has been made for an Eco-Sensitive Zone (ESZ) covering about 70,000 hectares surrounding the sanctuary. This proposed ESZ aims to regulate development and maintain ecological balance in the region.

**Nandankanan Wildlife Sanctuary**, situated on the outskirts of Bhubaneswar, covers an area of just 4.37 square kilometers and is part of the larger Nandankanan Zoological Park. Though relatively small, it plays an important role in wildlife conservation and public awareness. The declaration of an Eco-Sensitive Zone around Nandankanan has faced challenges due to rapid urban expansion. The proposed buffer zone varies from 200 to 340 meters, complicating the implementation of environmental safeguards due to nearby human settlements and development pressures.

**Nalabana Bird Sanctuary**, located within the **Chilika** Lake in the Puri district which is a part of khordha district also, is a crucial part of India's first Ramsar-designated wetland. The sanctuary spans 15.53 square kilometers and was officially declared in 1973. It plays a vital ecological role as a wintering ground for thousands of migratory birds from Central Asia, Siberia, and other regions. Nalabana Island remains submerged during the monsoon and emerges post-monsoon, creating an ideal feeding and nesting habitat for avian species. The area is strictly protected and falls under the broader conservation efforts of the Chilika Development Authority.

## **21. IMPACT ON THE ENVIRONMENT (AIR, WATER, NOISE, SOIL, FLORA & FAUNA, LAND USE, AGRICULTURE, FOREST ETC.) DUE TO MINING ACTIVITY.**

### **Activities attributed to Mining:-**

Generally, the environment impact can be categorized as either primary or secondary. Primary Impacts are those, which are attributed directly by the project. Secondary impacts are those which are indirectly induced and typically include the associated investment and changed pattern of social and economic activities by the proposed action.

The impact has been ascertained for the project assuming that the pollution due to mining activity has been completely spelled out under the base line environmental status for the entire ROM which is proposed to be exploited from the mines.

### **Impact on Ambient Air**

Mining operation are carried out by opencast manual, semi mechanized/ mechanized methods generating dust particles due to various activities likes, excavation, loading, handling of mineral and transportation. The air quality in the mining areas depends upon the nature and concentration of emissions and meteorological conditions.

The major air pollutants due to mining activities include:-

- Particulate matter (dust) of various sizes.
- Gases, such as sulphur dioxide, oxides of nitrogen, carbon monoxide etc from machine & vehicular exhaust.

Dust is the single air pollutant observed in the open cast mines. Diesel operating drilling machines, blasting and movement of machineries/ vehicles produce NO<sub>x</sub>, SO<sub>2</sub> and CO emissions, usually at low levels. Dust can be of significant nuance surrounding land user and potential health risk in some circumstances.

### **Water Impact**

Sometimes the mining operation leads to intersect the water table causing ground water depletion. Due to the interference with surface water sources like river, nallah etc drainage pattern of the area is altered.

### **Noise Impact**

Noise pollution mainly due to operation of machineries and occasional plying of machineries. These actives will create noise pollution in the surrounding area.

### **Impact on Land environment**

The topography of the area will change certain changes due to mining activity which may cause some alteration to the entire eco system.

### **Impact on Flora & Fauna**

The impact on biodiversity is difficult to quantify because of it's diverse and dynamic characteristics.

Mining activities generally result in the deforestation, land degradation, water, air and noise pollution which directly or indirectly affect the faunal and flora status of the project area.

However, occurrence and magnitude of these impacts are entirely dependent upon the project location, mode of operation and technology involved.

## **22. REMEDIAL MEASURES TO MITIGATE THE IMPACT OF MINING ON THE ENVIRONMENT.**

### **Air**

Mitigation measures suggested for air pollution controls are to be based on the baseline ambient air quality of the project/cluster area and would include measures such as:

- Dust generation shall be reduced by using sharp teeth of shovels.
- Wet drilling shall be carried out to contain the dust particles.
- Controlled blasting techniques shall be adopted.
- Water sprinkling on haul roads, service roads and overburden dumps will help in reducing considerable dust pollution.
- Proper and regular maintenance of mining equipment's have to be undertaken.
- Transport of materials in trucks are to be covered with tarpaulin.
- The mine pit water can be utilized for dust suppression in and around mines area.

- Information on wind direction and meteorology are to be considered during planning, so that pollutants, which cannot be fully suppressed by engineering techniques, will be prevented from reaching the nearby agricultural land, if any.
- Comprehensive greenbelt around overburden dumps and periphery of the mining projects/clusters has to be carried out to reduce fugitive dust transmission from the project area in order to create clean & healthy environment.

### **Water**

- Construction of garland drains and settling tanks to divert surface runoff of the mining area to the natural drainage.
- Construction of check dams/ gully plugs at strategic places to arrest silt wash off from broken up area.
- Retaining walls with weep hole are to be constructed around the mine boundaries to arrest silt wash off.
- The mined out pits shall be converted into the water reservoir at the end of mine life. This will help in recharging ground water table by acting as a water harvesting structure.
- Periodic analysis of mine pit water and ground water quality in nearby villages are to be undertaken.
- Domestic sewage from site office & urinals/latrines provided within ML/QL areas is to be discharged in septic tank followed by soak pits.

### **Noise**

- Periodic maintenance of machineries, equipment shall be ensured to keep the noise generated within acceptable limit.
- Development of thick green belt around mining/cluster area, haul roads to reduce the noise.
- Provision of earplugs to workers exposed to high noise generating activities like blasting, excavation site etc. Worker and operators at work sites will be provided with earmuffs.

- Conducting periodical medical check-up of all workers for any noise related health problems.
- Proper training to personnel to create awareness about adverse noise related effects.
- Periodic noise monitoring at locations within the mining area and nearby habitations to assess efficacy of adopted control measures.
- During blasting optimum spacing, burden and charging of holes will be made under the supervision of competent qualified mines foreman, mate etc.

#### **Biological Environment**

- Development of green belt/gap filling saplings in the safety barrier left around the quarry area/ cluster area.
- Carrying out thick greenbelt with local flora species predominantly with long canopy laves on the inactive mined out upper benches.
- Development of dense poly culture plantation using local floral species in the mining areas at conceptual stage if the mine is not continued much below the general ground level.
- Adoption of suitable air pollution control measures as suggested above.
- Transport of materials in trucks covered with tarpaulin.

### **23. RECLAMATION OF MINED OUT AREA (BEST PRACTICE ALREADY IMPLEMENTED IN THE DISTRICT, REQUIREMENT AS PER RULES AND REGULATION, PROPOSED RECLAMATION PLAN).**

Mine reclamation is the process of restoring land that has been mined to a natural or economically usable state. Although the process of mine reclamation occurs once mining is completed, the planning of mine reclamation activities occurs prior to a mine being permitted or started. Mine reclamation creates useful landscapes that meet a variety of goals ranging from the restoration of productive ecosystems to the creation of industrial and municipal resources. Modern mine reclamation minimizes and mitigates the environmental effects of mining.

In Khordha district Quarries which has been reported as exhausted shall be backfilled or fenced properly for ground water recharge. For active sources reclamation approach has been implemented in present date. Mainly two types of reclamation proposal are normally proposed i.e. Firstly Back filling of the exhausted mine by mine generated waste and capping of top soil for forest plantation and growth. Secondly proper fencing of quarried area and can be developed as water reservoir, fishery development or tourist attraction points after the life of the mine.

### **Best Practices Already Implemented in Khordha District**

#### **Progressive Reclamation:**

- Several stone mining operations in the district have adopted progressive reclamation practices, where reclamation activities are carried out concurrently with mining. This involves backfilling the mined-out areas and planting native vegetation to ensure rapid recovery.

#### **Afforestation and Landscaping:**

- Many operators have established afforestation programs to restore vegetation in mined areas. These efforts include the planting of drought-resistant plants and trees that are native to the region to ensure biodiversity and prevent soil erosion.

#### **Water Management Systems:**

- Efforts have been made to create proper drainage systems to prevent waterlogging and control surface water runoff from mining areas. This is important to prevent contamination of nearby water bodies and improve the overall landscape post-mining.

## **24. RISK ASSESSMENT & DISASTER MANAGEMENT PLAN.**

The only risk involved related to mining of minor mineral excepting natural calamities is slope failure and probable accidents due to high and ill maintained bench walls. This can only be addressed through making of regular benches and undertaking mining in benching pattern.

The disaster management plan (DMP) is supposed to be a dynamic, changing, document focusing on continual improvement of emergency response planning and arrangements.

The disaster management plan is to be aimed to ensure safety of life, protection of environment, protection of installation, restoration of production and salvage operations in this same order of priorities. For effective implementation of the disaster management plan, it should be widely circulated through rehearsal/induction conducted by the respective department from time to time.

**General responsibilities of employees' during an emergency:**

During an emergency, it becomes more enhanced and pronounced when an emergency warning is raised, the worker in charge, should adopt safe and emergency shut down and attend to any prescribed duty. If no such responsibility is assigned, the workers should adopt a safe course to assembly point and wait instructions. He should not resort to spread panic. On the other hand, he must assist emergency personnel towards objectives of DMP.

**Co-ordination with local authorities:**

The Mine Manager who is responsible for emergency will always keep a jeep ready at site. In case of any eventuality, the victim will be taken to the nearby hospitals after carrying out the first aid at the site. The Manager should collect and have adequate information of the nearby hospitals, fire station, police station, village panchayat heads, taxi stands, medical shops, district revenue authorities etc. and use them efficiently during the case of emergency.

**25. DETAILS OF THE OCCUPATIONAL HEALTH ISSUES IN THE DISTRICT. (LAST FIVE-YEAR DATA OF NUMBER OF PATIENTS OF SILICOSIS & TUBERCULOSIS IS ALSO NEEDS TO BE SUBMITTED).**

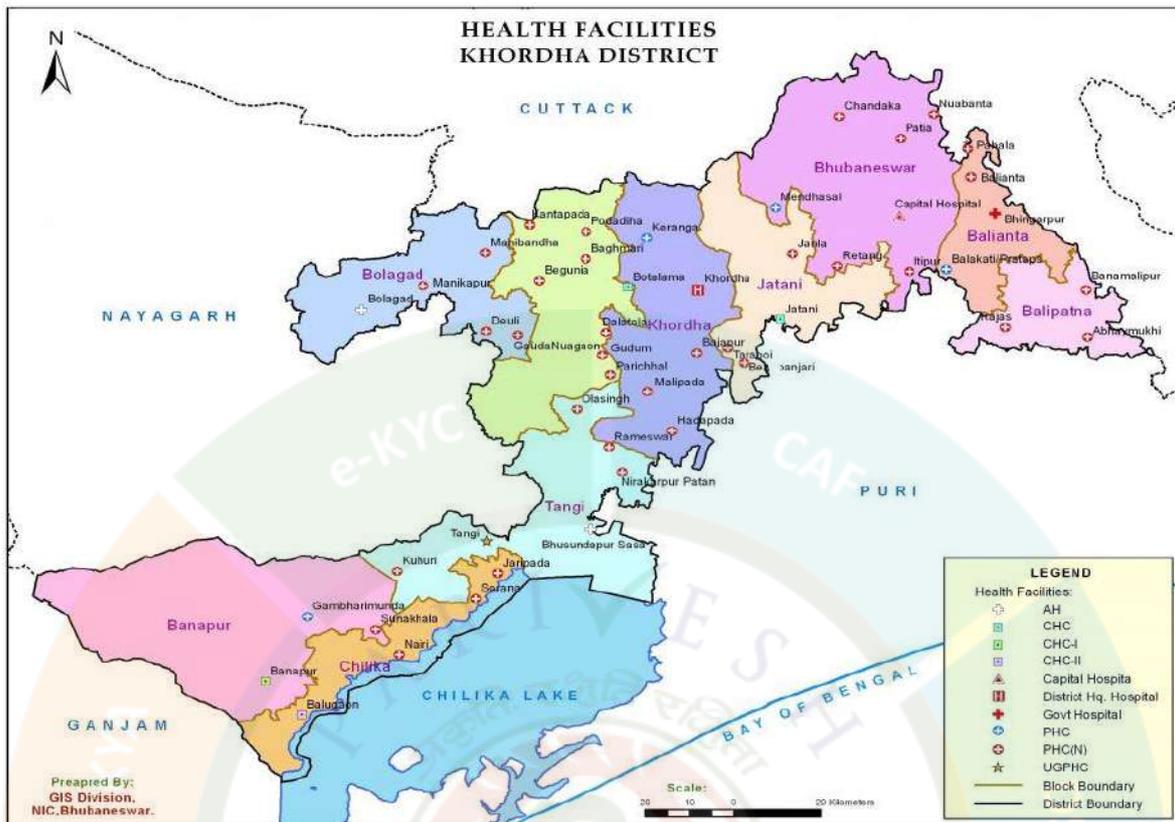
As per the guidelines of the Mine Rules 1995, occupational health safety has been stipulated by the ILO/WHO. The proponent's will take necessary precautions to fulfill the stipulations. Normal sanitary facilities have to be provided within the lease area. The management will carry out periodic health checkup of workers.

Occupational hazards involved in mines are related to dust pollution, noise pollution, blasting and injuries from moving machineries & equipment and fall from high places. DGMS has given necessary guidelines for safety against these occupational hazards. The management has to strictly follow these guidelines. All necessary first aid and medical facilities are to be provided to the workers. The mine shall be well equipped with personal protective equipment (PPE). Further, all the necessary ported equipment such as helmet, safety goggles, earplugs, earmuffs etc are to be provided to mine workers as per Mines Rules. All operators and mechanics are to be trained to handle firefighting equipment.

• **TUBERCULOSIS DATA RNTCP KHORDHA**

YEAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL	SUCCESS
20-21	139	228	243	198	179	216	231	280	343	347	309	334	3047	2803
21-22	274	179	197	306	331	302	302	309	317	339	352	403	3611	3345
22-23	358	372	348	309	328	327	352	333	279	340	353	330	4029	3746
23-24	343	369	284	355	366	320	310	244	222	295	267	241	3616	3292
<b>TOTAL</b>	<b>1114</b>	<b>1148</b>	<b>1072</b>	<b>1168</b>	<b>1204</b>	<b>1165</b>	<b>1195</b>	<b>1166</b>	<b>1161</b>	<b>1321</b>	<b>1281</b>	<b>1308</b>	<b>14303</b>	<b>13186</b>
<b>AVG.</b>	279	287	268	292	301	291	299	292	290	330	320	327	3576	

There is no case of Silicosis found in khordha within the time frame mentioned above.



## 26. PLANTATION AND GREEN BELT DEVELOPMENT IN RESPECT OF LEASES ALREADY GRANTED IN THE DISTRICT.

As most of the minor mineral mines/quarries of the district are yet to be exhausted of their mineral content no sort of reclamation measures including plantation has been undertaken excluding gap plantation of local species in the peripheral safety zones of the quarries/ clusters and in some of the haul roads.

## 27. ANY OTHER INFORMATION.

Khordha District is having good potential of laterite and stone deposit, there are few decorative stones also reported. Minerals such as river sand, Morrum, Ordinary Earth, Brick earth etc. are also available in the district. Most of the building stone/black stone/road metals potentials are located in Khordha, Begunia and Tangi tahasils of the district. Others like laterite, morrum and earth are distributed in almost all tahasils.

### Details of Sand/M-Sand Sources

#### a) Rivers:

Name of Reservoir/Dams	Maintain/Controlled by State Govt./PSU etc.	Location	District	Tehsil	Village	Size(Ha)
NA	NA	NA	NA	NA	NA	NA

#### De-Siltation Location: (Lakes/Ponds/Dams etc.)

Not Applicable

#### c) Patta Lands/Khatedari Land:

Owner	Sy. No	Area (Ha)	District	Tehsil	
NA	NA	NA	NA	NA	NA

#### d) M-Sand Plants:

Plant Name	Owner	District	Tehsil	Village	Geo- location
NA	NA	NA	NA	NA	NA

**List of Potential Mining Leases (existing & proposed)**

Lease No.	Lease Details	Area (in Ac/Ha)	Distance (in KM) from PA/BR/WC/	Distance from Forest Area (in KM)	Mining leases within 500 meters (if yes cluster area)	Total excavation in Cum /Annum	Mineral mined in (Stor
A1	PANCHUKOT-A BOULDER QUARRY:- MOUZA-PANCHUKOT , KHATA- 231, PLOT-622, KISSAM-MUNDIA, LAT-20 9' 24.52" TO 20 9'29.12" , LONG- 85 14'37.36 TO 85 14' 41.08"	1.21Ac /0.489Hc	PA-1,BR-37.6	1	YES	243	697
A2	GOBARDHANPUR-A BOULDER QUARRY:- MOUZA- GOBARDHANPUR , KHATA-365, PLOT- 6(P),KISSAM-CHHOTA PAHAD , LAT-20 12'59.89" TO 20 12'55.75" , LONG- 85 13'04.00" TO 85 13'00.22"	2.5Ac/1.011Hc	PA-8.1,BR-41	8.1	YES	965	6274
A3	SAMPUR-A BOULDER QUARRY: - MOUZA-SAMPUR , KHATA- 400, PLOT- 141, KISSAM- PAHADA, LAT - 20 12'11.30 TO 20 12' 12.89" , LONG- 85 15'39.63" TO 85 15'41.37"	0.4Ac/0.161Hc	PA-6.2,BR-36.2	6.2	NO	458	325
A4	KUSAPALLA BOULDER QUARRY:- MOUZA-KUSAPALLI , KHATA- 495, PLOT- 683, KISSAM- PAHADA, LAT -20 08'57.26" TO 20 09'01.67" , LONG- 85 14'28.26" TO 85 14'32.05"	3Ac/1.214Hc	PA-0.71,BR-38	0.71	YES	Not-operational	7824
A5	GOBARDHANPUR BOULDER QUARRY-B:-MOUZA- GOBARDHANPUR, KHATA- 365, PLOT- 96, KISSAM- SANATOLIA PAHADA, LAT -20.216374 TO 20.21676 , LONG- 85.221273 TO 85.221355	4Ac/1.618Hc	PA-8,BR-40.6	8	YES	Not-operational	1381
A6	MOUZA- SRICHANDANPUR, KHATA- 562, PLOT- 1, KISSAM- PAHADA, LAT -20.198 , LONG- 85.308	4.625Ac/1.871Ha	PA-8.3,BR-31	8.3	NO	Not-operational	1122
B1	MOUZA-NILAKANTHAPUR , KHATA- 68, PLOT- 79, KISSAM- PAHADA, LAT - 19.84, LONG- 85.259	9.04Ac/3.658Hc	PA-4,BR-36.5	4	NO	3220	2118

B2	SULIAPALI STONE QUARRY:- MOUZA-SULIAPALI , KHATA- 165, PLOT- 425, KISSAM- PAHADA, LAT - 19 49'41.19" TO 19 49'48.89", LONG-85 11'00.50" TO 85 11'11.66"	12Ac/4.856Hc	PA-3.1,BR-44	3.1	NO	Not- operational	7284
C1	JARIPUT BLACK STONE QUARRY-10:-MOUZA-JARIPUT , KHATA- 296, PLOT- 1112/1, KISSAM-MUNDIA, LAT -19 51'22.5" TO 19 51'23.6" , LONG- 85 18'39.9" TO 85 18'41.4	0.315Ac/0.127Hc	PA- 3.8,BR28.4-	3.8	YES	686	343
C2	NAYAKOTA BLACK STONE QUARRY:-MOUZA-NAYAKOTA , KHATA- 293, PLOT- 685, KISSAM- PAHAD, LAT -19 52' 39.67" TO 19 52'44.99" , LONG- 85 19'50.51" TO 85 19'54.93"	2.46Ac/0.995Hc	PA-1.2,BR-25	1.2	YES	Not- operational	7509
C3	BALARAM CHIPS METAL QUARRY:-MOUZA-BALARAMPUR , KHATA- 272, PLOT- 46, KISSAM- MUNDIA, LAT -20.015 , LONG- 85.503	5.342Ac/2.162Hc	PA-0.51,BR- 1.7	0.51	NO	Not- operational	8408
C4	JARIPUT BLACK STONE QUARRY- 9:-MOUZA-JARIPUT , KHATA- 296, PLOT- 1112/1, KISSAM-MUNDIA, LAT -19.864 , LONG- 85.306	2Ac/0.809Hc	PA-2.6,BR- 28.2	2.6	YES	Not- operational	1482
C5	JARIPUT BLACK STONE QUARRY- 11:-MOUZA-JARIPUT , KHATA- 296, PLOT- 689, KISSAM- MUNDIA, LAT - 19 51'41.67" TO 19 51' 53.37", LONG- 85 18'17.82" TO 85 18'24.305"	12Ac/4.85644Hc	PA-2.5,BR- 28.5	2.5	YES	Not- operational	38077
C6	BRUSHABANDHA BSQ-1 :- MOUZA-BRUSHABANDHA , KHATA- 212, PLOT- 558, KISSAM- MUNDIA, LAT -19 52'35.9" TO 19 52'39.0" , LONG-85 19'52.0" TO 85 19'55.6"	1.232Ac/0.498	PA-4,BR-25.3	4	YES	Not- operational	1636
C7	BRUSHABANDHA BSQ-3 :- MOUZA-BRUSHABANDHA , KHATA- 212, PLOT- 558, KISSAM- MUNDIA, LAT -19 52'34.0" TO 19 52'40.0" , LONG-85 19'45.6" TO 85 19'52.6"	2.2Ac/0.809Hc	PA-1.2,BR- 25.5	1.2	YES	Not- operational	4997

C8	BRUSHABANDHA BLACK METAL QUARRY- 5:-MOUZA- BRUSABANDHA, KHATA- 214,PLOT- 554, KISSAM- PAHAD, LAT-19° 52'30.67 TO 19° 52' 36.22N , LONG- 85° 19'39.83" TO 85° 19' 44.31"	2.99Ac/1.214Hc	PA-3.1,BR- 25.5	3.1	YES	Not- operational	582
C9	MOUZA- JAYMANGALPUR, KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT -19.859 , LONG-85.311	2.2Ac/0.890Hc	PA-3.2,BR- 28.2	3.2	YES	Not- operational	2498
C10	MOUZA- JAYMANGALPUR, KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT - 19.859, LONG- 85.311	1.3Ac/0.526Hc	PA-3.2,BR- 28.3	3.2	YES	6466	1978
C11	JARIPUT BLACK STONE QUARRY- D:-MOUZA-JARIPUT , KHATA- 296, PLOT- 1069(2AC),1112 (1AC), KISSAM-MUNDIA, LAT - 19 51'20.7" TO 19 51' 25.1" , LONG- 85 18'33.2" TO 85 18'36.6"	3Ac/1.214Hc	PA-3.3,BR- 28.6	3.3	YES	Not- operational	7809
C12	JARIPUR BLACK STONE QUARRY- C:-MOUZA-JARIPUT , KHATA- 296, PLOT- 1112, KISSAM-MUNDIA, LAT -19 51'24.5" TO 19 51' 28.7" , LONG- 85 18'37.1" TO 85 18'42.7"	3Ac/1.214Hc	PA-3.3,BR- 28.4	3.3	YES	Not- operational	7855
C13	JARIPUT BLACK STONE QUARRY- A:-MOUZA-JARIPUT , KHATA- 296, PLOT- 1112, KISSAM-MUNDIA, LAT - 19 51'18.5" TO 19 51'23.7" , LONG- 85 18'36.7" TO 85 18'39.7"	3Ac/1.214Hc	PA-3.7,BR- 28.5	3.7	YES	Not- operational	7897
C14	JARIPUT BLACK STONE QUARRY- B:-MOUZA-JARIPUT , KHATA- 296, PLOT- 1112, KISSAM-MUNDIA, LAT -19 51'22.5" TO 19 51' 26.4" , LONG- 85 18'36.7" TO 85 18'43.6"	3Ac/1.214Hc	PA-3.6,BR- 28.4	3.6	YES	Not- operational	8113
C15	MOUZA-JAYMANGALPUR , KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT -19.859 , LONG- 85.311	2.2Ac/0.890Hc	PA-3.2,BR- 28.2	3.2	YES	Not- operational	320
C16	DAMANABHIN BSQ-1:-MOUZA- DAMANBHUI, KHATA-706, PLOT- 887, KISSAM- PATHARABANI, TENENT- ,LAT- 20 03' 43.413 TO 20 03' 44.880, LONG- 85 31'54.24 TO 85 31'55.747	9.195Ac/3.721Hc	PA-5.1,BR-4.2	5.1	NO	Not- operational	19386

C17	BHRUSABANDHA BLACK STONE QUARRY-6:-MOUZA-BHRUSABANDHA , KHATA- 214, PLOT- 554, KISSAM-MUNDIA, LAT - 19 52' 34.00 TO 19 52' 40.00 , LONG- 85 19'45.6 TO 85 19'52.6	4.50Ac/1.821Hc	PA-1.2,BR-25.5	1.2	YES	Not-operational	6555
C18	DAMANBHUIIN BSQ, MOUZA-DAMANBHUIIN, KHATA-149, PLOT- 878, KISSAM- BIALI ,LAT- 20 03' 45.876 TO 20 03' 47.300 , LONG- 85 31'56.753 TO 85 31'58.216	0.603Ac/0.244Ha	PA-5.3,BR-4.4	5.3	NO	Not-operational	102
C19	NAYAKOTA STONE QUARRY, Mouza-Nayakote , Khata-284/241, Plot-632/1288, Kissam-Sarada-III, Lat- 20°04'58.05828" to 20°04'59.51194" , Long- 85°30'54.07083" to 85°30'55.82473"	0.45Ac/0.182Ha	PA-7,BR-6	7	YES	New proposed source	655
C20	JAYMANGALPUR STONE QUARRY, Mouza-Jayamangalpur , Khata-381/307, Plot-81, Kissam-Puratana Patita, Lat- 19°52'45.70347" to 19°52'48.21847" , Long- 85°18'37.43594" to 85°18'40.99457"	0.955Ac./0.38Ha	PA-1.3,BR-26.7	1.3	NO	New proposed source	136
D1	BERAHAMPURA ROAD METAL QUARRY, MOUZA-BERAHAMPURA , KHATA- 329, PLOT- 2, KISSAM-PARBAT, LAT - 20 09'05.7" TO 20 09'11.5" , LONG- 85 37'19.5" TO 85 37'28.6"	5.415Ac/2.191Hc	PA-,BR-		NO	Not-operational	343
D2	Sankhari East-West Building Stone Quarry (Ka), MOUZA-KAIPADAR, Khata No.849, Plot No.3502(P) KISSAM-Patita(Pahad), LAT- 20 06'27.58" TO 20 06'33.66", LONG- 85 33'04.23" TO 85 33'17.75"	11.900Ac. / 4.82 Hc.	PA-11,BR-7.3	11	YES	41543	7509
D3	Sankhari East West new Building stone quarry (KHA), kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.3502(P) , KISSAM-Patita(Pahad), LAT-20.105 , LONG-85.554	8.449Ac /r Hc.3.42	PA-10.7,BR-7.5	10.7	YES	25000	8408

D4	Sankhari East West Building Stone Quarry (Ga), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 3502(P), KISSAM-Patita(Pahad) , LAT- 20 06'19.36" TO 20 06'27.69" , LONG- 85 33'09.92" 85 33'15.63"	9.840Ac / 3.98 Hc	PA-10.8,BR-7.4	10.8	YES	25000	1482
D5	Sankhari East West Building Stone Quarry (Gha), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 3502(P), KISSAM-Patita(Pahad) , LAT- 20 06'19.36" TO 20 06'27.62" , LONG- 85 33'15.19" TO 85 33'24.34"	10.88Ac / 4.40Ha	PA-11,BR-7.3	11	YES	30000	38077
D6	Sankhari South New Building Stone Quarry (Cha), Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 3502(P) , KISSAM -Patita(Pahad) , LAT-20 06'10.84 TO LONG- 85 33'09.79" TO 85 33'14.98"	3.500Ac /1.42 HC	PA-10.5,BR-7.8	10.5	YES	25000	1636
D7	Sankhari South New Building Stone Quarry (Chha)Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 3502(P), KISSAM-Patita(Pahad) , LAT- 20 06'09.92 TO 20 06'16.50", LONG- 85 33'14.83" TO 85 33'25.61"	10.01Ac. / 4.05 Ha	PA-10.5,BR-7.7	10.5	YES	32000	4997
D8	Sankhari South New Building Stone Quarry , Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.3502(P) , KISSAM- Patita(Pahad), LAT-20 06'10.4" TO 20 06'13.3", LONG- 85 33'14.3" TO 85 33'19.2"	1.000Ac / 0.0405 HC	PA-10.6,BR-7.7	10.6	YES	800	145
D9	Sankhari South New Building Stone Quarry (KA), Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.3502(P) , KISSAM-Patita(Pahad) , LAT- 20 06'15.21" to 20 06'20.42" , LONG- 85 33'08.38" to 85 33'14.68"	4.95 Ac./2.02 Ha..	PA-10.7,BR-7.6	10.7	YES	7628	2498
D10	KAIPADAR New Building Stone Quarry (KA), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.2825(P) & 2867 (p), KISSAM-Patita , LAT- 20 06'37.2" TO 20 06'46.5" , LONG- 85 33'41.5" TO 85 33'51.5"	7.500Ac. / 3.00 Hc.	PA-11.8,BR-6.4	11.8	YES	25536	1978

D11	Dhania Building Stone Quarry (E), Kaipadar, KAIPADAR, Khata No.849, Plot No.2847(P), Kissam-Patita(Pahad), Lat-20 06'42.51" to 20 06'46.60", Long-85 34'07.19 to 85 34'13.61	3.345 Ac. / 1.338 Hc	PA-12.3,BR-6	12.3	YES	3570	7809
D12	Dhania New Building Stone quarry(F), Kaipadar,MOUZA-KAIPADAR, Khata No.849, Plot No. 2847(P), kissam-Patita(Pahad), Lat-20 06'37.68" to 20 06'43.62", Long- 85 34' 04.37" to 85 34'12.79"	6.25Ac. / Ha. 2.53	PA-12.1,BR-6.1	12.1	YES	8501	7855
D13	Dhanin West Building Stone Quarry (Ga),Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 2825 (P), kissam-Patita(pahad), Lat- 20.105, Long- 85.554	Ac.4.279 / Hc.1.732	PA-11.8,BR-6.5	11.8	YES	10000	7897
D14	Dhania West Building Stone Quarry (GHA) Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 2825(P) & 2900(P), KISSAM- Patita , LAT- 20 06'38.51" TO 20 06'41.07" , LONG- 85 33'34.09" TO 85 33'41.51"	Ac.2.67 /Hc.1.07	PA-11.6,BR-6.6	11.6	YES	7000	8113
D15	Dhania New Building Stone Quarry Uttara Taraf (TA) Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2847(P), KISSAM-Not Found , LAT- 20 06'41.59" TO 20 06'48.73", LONG- 85 33'53.58" TO 85 33'59.88"	Ac.7.510 / 3.04 Ha	PA-12,BR-6.1	12	YES	25000	10305
D16	Dhania New Building Stone Quarry Utar Taraf (DA), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 2825(P), Kissam-Patita , Lat- 20.105 , Long- 85.554	Ac.11.250 /4.55Ha	PA-12,BR-6.3	12	YES	30000	19386
D17	Dhania South East New Building Stone Quarry, Kaipadar, mouza- kaipadar, Khata No.849, Plot No. 2864(P), KISSAM-Patita(Pahad), LAT- 20 06.33.38" TO 20 06'38.55", LONG- 85 33'51.79" TO 85 33'57.45"	Ac.5.00 /2.02 Hc.	PA-11.8,BR-6.4	11.8	YES	15000	4740

D18	Dhania New Building Stone Quarry (JA) Kaipadar, MOUZA-KAIPADAR, Khata No.849,Plot No.2864(P), Kissam-Patita(Pahad) , lat- 20 06'33.23" to 20 06'38.37", long- 85 33'56.69" to 85 34'02.10"	1.821 HA /4.5 AC	PA-11.9,BR-6.3	11.9	YES	10000	7147
D19	Dhania New Building Stone Quarry South East (Chha), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.2864(P) , kissam-Patita(Pahad) , Lat- 20 06'26.16"to 20 06' 33.34" Long- 85 33'57.02" to 85 34' 07.05"	Ac.9.610/ 3.89 Ha	PA-11.8,BR-6.4	11.8	YES	30000	6905
D20	Dhania West New Building Stone Quarry (Kha)Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2900(P) , Kissam-Patita , Lat -20 06'42.15" to 20 06'46.6 , Long- 85 33'34.21" to 85 33'36.75"	Ac.2.70 /1.09 Ha	PA-11.6,BR-6.6	11.6	YES	7000	426
D21	Dhania New Building Stone Quarry North Side (Tha),Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2847(P) , Kissam-patita(Pahad), Lat- 20.112, Long- 85.567	3.000 Ac. or 1.21 Ha.	PA-12.3,BR-6	12.3	YES	7000	1143
D22	Dhania New Building Stone Quarry Uttar Taraf (Una),Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2847(P), Kissam-patita(Pahad) , LAT- 20 06'40.28" TO 20 06'48.38", LONG- 85 33'00.34 TO 85 34'07.10"	10.000 AC/4.05 Ha	PA-12.2,BR-6	12.2	YES	48000	15533
D23	Dhania New Building Stone Quarry East Side (Cha), Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 2864(P), KISSAM- patita(Pahad), LAT- 20 06'31.02" TO 20 06'38.02" , LONG- 85 34'00.85" TO 85 34'09.18"	10.00Ac./ 4.05Ha	PA-12,BR-6.2	12	YES	30000	7023

D24	Hatia New building Stone Quarry (Chha) Nijigada Tapang, MOUZA-nijigadatapang, Khata No. 832/1, Plot No.277(P) , KISSAM-Mundia , LAT-20 05'41.92" TO 05'49.17", LONG-85 35'02.60" T O 85 35'08.79"	9.000Ac / 3.64Ha	PA-12,BR-6.8	12	YES	20000	1703
D25	Hatia New Building Stone Quarry (JA) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.,832/1, Plot No. 277(P), Kissam-Mundia, Lat- 20 05'40.82 to 20 05'47.41 Long- 85 35'09.27 to 85 35'13.60,	6.0Ac / 2.043 Ha	PA-12.2,BR-6.7	12.2	YES	7628	2499
D26	Hatia New Building Stone Quarry (GHA) Nijigadatapang,MOUZA-KAIPADAR, Khata No. 832/1, Plot No.277(P), KISSAM- Unnata Yajana Jyogya , LAT- 20 05'49.49" TO 20 05'57.03", LONG- 85 35'05.66" TO 85 35'10.49"	6.00 Ac / 2.400 Ha	PA-12.2,BR-6.5	12.2	YES	17861	2484
D27	Kaipadar New Building Stone Quarry, Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2825(P), Kissam- Pafita, Lat-20.113, Long-85.563	10.00 Ac /4.046 Ha.	PA-12,BR-6.2	12	YES	30000	2427
D28	Hatia New Building Stone Quarry (Jha) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.832/1, Plot No.277(P), KISSAM- Mundia, LAT- 20 05'40.79" TO 20 05'47.84" , LONG- 85 35'13.49" TO 85 35'17.84"	6.000Ac. / 2.430 Ha	PA-12.2,BR-6.7	12.2	YES	15000	1749
D29	Golaputkhua Building Stone Quarry (KHA), Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.832/1, Plot No. 953(P) , Kissam- Mundia, Lat- 20 05'17.07 to 20 05'23.75, Long- 85 34'41.41 to 85 34'50.23	6.56Ac or 2.66 Ha	PA-11.1,BR-7.6	11.1	YES	12000	1170
D30	Dhania West Building Stone Quarry (Ka) Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.2900(P),2825(P), KISSAM-Patiita , LAT- 20 06'33.74" TO 20 06'38.71", LONG- 85 33'32.81" TO 85 33'42.04"	8.29 Ac / 3.36Ha	PA-11.6,BR-6.7	11.6	YES	Not operational	4891

D31	New Building Stone Quarry (Kha) Kaipadar, MOUZA- KAIPADAR, Khata No. 849, Plot No.2864(P) , Kissam- Patita(Pahad) , Lat- 20 06'26.60 to 20 06'33, long- 85 33'50.99 to 85 33'57.99	7.5100Ac / 3.04Ha	PA-11.8,BR-6.4	11.8	YES	14364	1861
D32	White Stone Quarry, Kiajhari, MOUZA-KIAJHARI ,Khata No.320, Plot No.755(P) , Kissam-Bagayat-II, Lat- 20.089, Long-85.578	1.000 Ac / 0.405Ha	PA-11,BR-7.7	11	YES	1500	1470
D33	Duburi New Building Stone Quarry , Nijigada Tapang, MOUZA-NIJIGADATAPANG ,Khata No.832/1, Plot No.944(P), KISSAM-Mundia, LAT- 20 05'25.99" TO 20 05'30.81" , LONG- 85 34'40.01" TO 85 34'50.20"	6.47 Ac / 2.62Ha	PA-11.2,BR-7.5	11.2	YES	5000	1703
D34	Hafia New Building Stone Quarry (GA) Nijigada Tapang, MOUZA-NIJIGADATAPANG ,Khata no.832/1, Plot no.276(P), 277(P), KISSAM- Puratana patita, LAT- 20 05'41.24 TO 20 05'45.54", LONG- 85 34'57.54" TO 85 35'01.95"	2.600Ac / 1.05Ha	PA-11.9,BR-6.8	11.9	YES	5880	6993
D35	Hafia New Building Stone Quarry (TA) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No. 832/1, Plot No.277(P) , Kissam-Mundia, Lat- 20 05'41.35" to 20 05'49.36", Long- 85 35'17.77" to 85 35'24.98"	9.0 Ac / 3.64Ha	PA-12.3,BR-6.6	12.3	YES	Not-operational	3433
D36	New Building Stone Quarry , Kaipadar (Ga), MOUZA- KAIPADAR ,Khata No. 849, Plot No.3502(P) ,Kissam- Patita(Pahad), Lat- 20 06'12.05" to 20 06'15.51, Long- 85 33'24.99 to 85 33'21.31	2.50Ac / 1.0 ha	PA-10.7,BR-7.5	10.7	YES	Not-operational	1200
D37	Sankhari New Building Stone Quarry Jodaamba (Gha) Kaipadar, MOUZA-KAIPADAR ,Khata No.849, Plot No.3502(P) , Kissam-Patita(Pahad), Lat- 20 06'14.54" to 20 06'18.48", Long- 85 33'16.07" to 85 33'25.09"	10.00Ac / 4.047Ha	PA-10.7,BR-7.5	10.7	YES	Not-operational	7700

D38	Hanumantia Building Stone Quarry (Ga), Malipada, MOUZA-MALIPADA, Khata No.726/2, Plot No. 9(P) , KISSAM-Patita , LAT-20 05'59.00" TO 20 06'01.19". LONG- 85 32'31.39" TO 85 32'34.80"	1.087Ac / 0.44 Ha	PA-9.5,BR-8.8	9.5	YES	Not-operational	2112
D39	Hatia Building Stone Quarry (Ka), NijigadaTapang, MOUZA-NIJIGADATAPANG, Khata No.832/1, Plot No.276(P) ,Kissam- Puratana Patita, lat- 20 05'45.4" to 20 05'50.2", Long- 85 34'57.6" to 85 35' 01.0"	1.275Ac / 0.516Ha	PA-11.9,BR-6.8	11.9	YES	Not-operational	1173
D40	Hatia Building Stone Quarry (Una) NijigadaTapang, MOUZA-NIJIGADATAPANG, Khata No.832/1, Plot No.277(P), KISSAM-Mundia , LAT- 20 05' 49.53" TO 20 05'56.94 , LONG- 85 35' 09.98" TO 85 35'14.70"	6.0Ac / 2.428Ha	PA-12.3,BR-6.4	12.3	YES	22453	2301
D41	Hatia New building Stone Quarry (Cha) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No. 832/1, Plot No.277(P), KISSAM- Mundia, LAT- 20 05'49.46" TO 20 05'56.03", LONG- 85 35'14.35" TO 85 35' 19.38"	6.0Ac / 2.43Ha	PA-12.4,BR-6.4	12.4	YES	15000	4455
D42	White Stone quarry , Malipada, MOUZA-MALIPADA, Khata No.726/2, Plot No.9(P), Kissam-PATITA, Lat- 20.1, Long-85.543	1.01Ac / 0.41 Ha	PA-9.5,BR-8.7	9.5	YES	Not-operational	242
D43	Hanumantia Building Stone Quarry , Malipada,MOUZA-MALIPADA, Khata No.726/2, Plot No. 9(P) , Kissam-PATITA , Lat- 20.1, Long-85.543	10.549Ac / 4.27Ha	PA-9.5,BR-8.7	9.5	YES	Not-operational	375
D44	Golaputkhua Building Stone Quarry (KA), Kijhari,MOUZA-Kijhari, Khata no.-320, Plot no.1947(P), Kissam-Patita, lat- 20 05'00.48 to 20 05' 17.75 Long- 85 34'25.07 to 85 34' 47.22	Ac.58.25 / 23.58 Hc.	PA-10.6,BR-8.3	10.6	YES	Not-operational	21229
D45	Hatia Building Stone Quarry (THA) Nijigada Tapang,MOUZA-NIJIGADATAPANG, Khata no.832/1, Plot no.277(P), Kissam-Mundia , Lat- 20.096, Long-85.587	Ac.8.000 / 3.2 Hc	PA-12.2,BR-6.7	12.2	YES	Not-operational	1920

D46	Chhatrama Building Stone Quarry (Ka), Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1821(P), Kissam-Patiita , Lat- 20.106, Long- 85.587	Ac.8.734 / 3.53 Hc	PA-13,BR-5.6	13	YES	Not-operational	4236
D47	Chhatrama Building Stone Quarry (Ka), Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1821(P), Kissam-Patiita , Lat- 20.106, Long- 85.587	Ac.8.000 / 3.24Hc	PA-13,BR-5.7	13	YES	Not-operational	1555
D48	Chhatrama Building Stone Quarry (Ga), Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1821(P) , Kissam-Patiita , Lat- 20.106, Long- 85.587	Ac.6.117 / 2.475 Hc	PA-13,BR-5.8	13	YES	Not-operational	1188
D49	Kalinga Building Stone Quarry (Ka) Jhinkijhari, MOUZA- JHINKIJHARI, Khata no.602, Plot no.150(P) , Kissam-Gochara , Lat- 20 06' 11.45" to 20 06' 18.72" , Long- 85 35' 10.31" to 85 35' 21.54"	Ac.6.963 / 2.82 Hc	PA-12.6,BR-6	12.6	YES	Not-operational	1692
D50	Kalinga Building Stone Quarry (Kha) Jhinkijhari, MOUZA- JHINKIJHARI, Khata no.602, Plot no.150(P) , Kissam-Gochara , Lat- 20 06' 12.75" to 20 06' 18.82" , Long- 85 35' 03.81" to 85 35' 10.89"	Ac.7.438 / 3.01 Hc.	PA-12.6,BR-6	12.6	YES	Not-operational	1806
D51	Kalinga Building Stone Quarry (Ga) Jhinkijhari, MOUZA- JHINKIJHARI, Khata no.602, Plot no.150(P), Kissam-Gochara , Lat- 20 06' 14.57" to 20 06' 20.67" , Long- 85 35' 10.31" to 85 35' 21.54"	Ac.7.61 / 3.08 Ha.	PA-12.4,BR-6	12.4	YES	Not-operational	1473
D52	Sankhari Dhobi (Uan) Building Stone Quarry , MOUZA- KAIPADAR, Khata no.849, Plot no.3502(P), Kissam-Patiita(Pahad) , Lat- 20.104, Long- 85.585	Ac.7.5 / 3.0 Hc.	PA-12.6,BR-6	12.6	YES	Not-operational	2880
D53	Tangeni Building Stone Quarry, Kaipadar, MOUZA-KAIPADAR, Khata no.849, Plot no.3222(P) , Kissam-Patiita(Pahad) , Lat- 20.06' 27.15" to 20 06' 44.81" , Long- 85 32' 51.96" to 85 33' 05.30"	Ac.24.89 / 10.07 Ha.	PA-11,BR-7.5	11	YES	Not-operational	4137

D54	Kabar (Ka) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1672(P) , Kissam-Patita, Lat- 20 06'27.76" to 20 06'33.85", Long- 85 34'38.14 to 85 34'43.43"	Ac.6.58 / 2.66 Ha	PA-12.5,BR-5.7	12.5	YES	Not-operational	2666
D55	Kabar (Kha) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.-1499(P) , Kissam-Patita, Lat- 20 06'33.77" to 20 06'41.05, Long- 85 34'43.33" to 85 34'50.43"	Ac.8.115 / 3.28 Hc	PA-12.6,BR-5.6	12.6	YES	Not-operational	3542
D56	Kabar (Ga) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1499(P) Kissam - Patita, Lat- 20.11, Long- 85.578	Ac.7.170 / 2.90 Hc.	PA-12.6,BR-5.7	12.6	YES	Not-operational	3132
D57	Kabar (Gha) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1678(P), Kissam- Patita, Lat- 20.108, Long- 85.581	Ac.1.500 / 2.90 Hc	PA-12.7,BR-5.7	12.7	YES	Not-operational	1218
D58	Sankhari South Black Stone (Ga), Kaipadar, MOUZA-KAIPADAR, Khata no.849, Plot no.3502(P) Kissam-Patita(Pahad) , Lat- 20.104, , Long- 85.554	Ac.2.500 / 1.011 Hc.	PA-10.6,BR-7.6	10.6	YES	Not-operational	727
D59	Sankhari South Black Stone (Kha), Kaipadar, MOUZA-KAIPADAR, Khata no.849, Plot no.3502(P), Kissam-Patita(Pahad) , Lat- 20.104, , Long- 85.554	Ac.2.500 / 1.011 Hc.	PA-10.6,BR-7.6	10.6	YES	Not-operational	669
D60	Narsinghprasad White Stone Quarry, Narsinghprasad, MOUZA-NARASINGHPRASAD, Khata No.377/6, Plot No.9(P) , Kissam- Patita, Lat- 20.079, Long- 85.581	Ac.2.300 / Hc.0.9300	PA-10.5,BR-8.7	10.5	NO	Not-operational	5034
D68	Dhania New Building Stone Quarry Middle (Jha) ,KAIPADAR,14/18,Mouza-Kaipadar ,Khata no-849,Plot no-2847(P),Kissam-,Lat-20°06 '37.98" to 20°06'41.92" ,Long - 85°33'53.58" to 85°34'06.13"	Ac.7.00/Hc2.83	PA-12,BR-5.3	12	YES	20000	5034

D61	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-1247/473 & 1247/470, Plot-3126 & 3178, Kissam- Bagayat-II, Lat-20°06'28.31908" to 20°06'35.87876" , Long-85°33'06.94849" to 85°33'21.24364", Area- 1.25Ac	1.575Ac./0.637Ha	PA-9,BR-12.4	9	YES	New-proposed source	229
D62	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-41, Plot-3100,3106, Kissam- Bagayat-II(Amba), Lat- 20°06'28.31908" to 20°06'35.87876" , Long-85°33'06.94849" to 85°33'21.24364"	2.08Ac/0.84 2Ha	PA-11,BR-7.3	11	YES	New-proposed source	303
D63	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-825, Plot-2822, Kissam- Bagayat-II(Amba), Lat-20°06'50.06506" to 20°06'53.17883" , Long-85°18'37.43594" to 85°18'40.79838"	1.095Ac./0.443Ha	PA-11.1,BR-7.3	11.1	YES	New-proposed source	159
D64	JHINIKJHARI STONE QUARRY, Mouza-Jhinikjhari , Khata-244,242, Plot-143,211, 96,148, 149,213,152,97 ,113,116 Kissam-sadara & puratana patita, Lat-20.101 , Long- 85.581	2.79Ac./1.129Ha	PA-12,BR-6.3	12	NO	New-proposed source	114
D65	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-959, Plot-3225, Kissam- Bagayat-2, Lat-20°06'41.269" to 20°06'44.383" , Long-83°32'55.465" to 83°32'58.712"	0.95Ac/0.38 4Ha	PA-9.8,BR-8.3	9.8	NO	New-proposed source	138
D66	Kiajhari-1 Stone Quarry, Mouza-Kiajhari , Khata-59 & 58, Plot-1856 & 1858, Kissam- Bagayat-2, Lat-20°05'3.208" to 20°05'7.285" , Long-85°34'16.604" to 85°34'20.771"	2.14Ac/0.86 6Ha	PA-11,BR-7.5	11	NO	New-proposed source	311
D67	Kiajhari-2 Stone Quarry, Mouza-Kiajhari , Khata-59 & 59, Plot-1875 1873, Kissam- Bagayat-2, Lat-20°05'2.817" to 20°05'7.402" , Long-85°34'19.755" to 85°34'24.551"	1.835Ac/0.743Ha	PA-10.1,BR-8.3	10.1	YES	New-proposed source	267

E1	PARICHHAL BGS, PLOT NO. 725, MOUZA-PARICHHAL , KHATA-373, PLOT- 725, KISSAM- PARBAT, LAT -20 05'41.37 TO 20 05'45.8" , LONG-85 30'56.99" TO 85 31'04.38"	4.875Ac/1.9 7285Ha	PA-8.2,BR- 11.3	8.2	YES	10621	7102
E2	PARICHHAL BGS, PLOT NO. 702.MOUZA-PARICHHALA , KHATA- 373, PLOT- 702(P), KISSAM-PARBAT, LAT -20.094 , LONG-85.519	5Ac/2.023Ha	PA-8.2,BR- 11.3	8.2	YES	4000	1213
E3	PARICHHAL BGS-726 ,MOUZA-PARICHHAL , KHATA- 373, PLOT- 726, KISSAM- PARBAT, LAT -20.093 , LONG- 85.516	5.625Ac/2.276Hc	PA-8,BR-11.5	8	YES	Not- operational	1960
E4	Kalachua Building Stone Quarry (Jha), MOUZA-DANGARPADA, Khata No.17, Plot No.1517(P), KISSAM-Patita, LAT- 20 05'50.42" TO 20 05'56.09", LONG- 85 30'36.34" TO 85 30'44.72"	9.50 Ac / 3.84 Ha	PA-8.4,BR- 11.6	8.4	YES	15000	1382
E5	Kalachua New Building Stone Quarry(TA) Dangarpada, MOUZA-DANGARPADA, Khata No.17, Plot No.1517(P) , kissam-Patita, Lat- 20 05'45.91 to 20 05'56.07, long- 85 30 44.29" to 85 30'47.88"	6.772 Ac / 2.74Ha	PA-5.1,BR- 13.6	5.1	NO	10000	6850
E6	Samantarapur New Building Stone Quarry , MOUZA-SAMANTARAPUR, Khata No.349/1, Plot No. 1250(P),1251(P) , KISSAM- Patita, LAT-20 06'01.08" TO 20 06'04.0" , LONG- 85 30'49.5" TO 85 30'52.7"	1.0Ac / 0.0405Ha	PA-9,BR-11	9	YES	1344	1164
E7	Kalachua Building Stone Quarry , Dangarpada,MOUZA-DANGARPADA, Khata No.17, Plot No.1246(P), 1237(P) KISSAM- Patita, LAT- 20 05'56.04" TO 20 06'03.43" , LONG- 85 30'37.76" TO 85 30'48.70"	7.700Ac / 3.116 Ha	PA-8.6,BR- 11.5	8.6	YES	15724	3859

E8	Dangarpada Building Stone Quarry , Dangarpada, MOUZA-DANGARPADA, Khata No.17, Plot No.1246(P), KISSAM-Patita , LAT-20 05'56.04" TO 20 06'03.83, LONG- 85 30' 38.22 TO 85 30'48.55"	2.500Ac / 1.01Ha	PA-8.6,BR-11.5	8.6	YES	5656	4260
E9	Dangarpada New Building Stone Quarry (North Side) Dangarpada,MOUZA-DANGARPADA,Khata No.17, Plot No.1237(P), KISSAM-Patita , LAT- 20 06'01.6" TO 20 06'08.7", LONG- 85 30'33.1" TO 85 30'40.1"	5.00Ac / 2.023Ha	PA-8.7,BR-12	8.7	YES	10000	2170
E10	Kalachua New Building Stone Quarry (Nion), MOUZA-DANGARPADA,Khata No.17, Plot No.1517(P), KISSAM-Patita , LAT- 20 05'45.52" TO 20 05'50.95 , LONG- 85 30'37.25" TO 85 30'44.72"	Ac.6.682 / 2.704 Hc	PA-8.2,BR-11.7	8.2	YES	12000	5752
E11	Kalachua New building Stone Quarry (Chha), MOUZA-DANGARPADA,Khata No. 17 plot No. 1517(P), kissam- Patita, Lat-20 05'56.16 to 20 06'02.59, Long-85 30'32.59" to 85 30' 42.81	Ac.5.90 / 2.39Ha	PA-8.4,BR-11.5	8.4	YES	Not-operational	3789
E12	Kalachua New Building Stone Quarry (Cha), MOUZA-DANGARPADA,Khata No.17, Plot No.1517,KISSAM- Patita, LAT- 20 06'01.23" TO 20 06'08.71" , LONG- 85 30'31.63" TO 85 30'36.10"	Ac.3.61 / 1.46Ha	PA-8.7,BR-11.6	8.7	YES	10000	1430
E13	Kalchua New Building Stone Quarry (Ja), MOUZA-DANGARPADA,Khata No.17, Plot No.1517, KISSAM-Patita, LAT- 20 05'51.01" TO 20 05'56.03" , LONG- 85 30'31.92" TO 85 30'36.55"	Ac.5.28/ 2.14 Ha	PA-8.4,BR-11.7	8.4	YES	Not-operational	2262
E14	Dangarpada New White Stone Quarry , MOUZA-DANGARPADA,Khata No.17, Plot No.1517(P) , KISSAM-Patita , LAT- 20 05'52.68" TO 20 06'56.04", LONG- 85 30' 48.45" TO 85 30'51.55"	Ac.2.0 / 0.809 Hc	PA-8.5,BR-11.3	8.5	YES	Not-operational	8440

E15	Kalachua New Building Stone Quarry (Tha), MOUZA-DANGARPADA, Khata No. 17 plot No. 1517(P), KISSAM- Ptita, Lat-20.097, Long- 85.512	Ac.4.894 / 1.98 Hc	PA-8.4,BR-11.5	8.4	YES	Not-operational	2376
E16	Dangrpada White Building Stone Quarry, Dangarpada,MOUZA-DANGARPADA, Khata no.17, Plot no.1517(P), KISSAM- Ptita, Lat-20.097, Long- 85.512	Ac.2.0 / 0.8 Hc	PA-8.3,BR-11.6	8.3	NO	1500	336
E17	PARICHHAL STONE QUARRY (638), MOUZA- PARICHHAL, KHATA-373, PLOT- 638(3.875AC), 640(2.875), 642(4.5AC), KISSAM-PARBATA, LAT-20 5'44.112" TO 20 5'46.493", LONG-85 31'13.741" TO 85 31'17.426"	11.25Ac/ 4.5528Ha	PA-8.2,BR-12.2	8.2	YES	New proposed source	1638
E18	PARICHALA STONE QUARRY (731),MOUZA-PARICHHAL,KHATA- 373, PLOT-731, KISSAM-PARBAT, LAT -, LONG	5.625Ac/2.276Ha	PA-8,BR-5.1	8	NO	New proposed source	1092

### Cluster & Contiguous Cluster details

#### Clusters:

Cluster No.	Lease No	Location ( Patta Land)	Village	Area (in Ac/ Ha)
1	A1	PANCHUKOT-A BOULDER QUARRY, MOUZA-PANCHUKOT, KHATA- 231, PLOT-622, KISSAM-MUNDIA, LAT-20 9' 24.52" TO 20 9'29.12" , LONG- 85 14'37.36 TO 85 14' 41.08"	PANCHUKOT	1.21Ac /0.489Hc
	A4	KUSAPALLA BOULDER QUARRY, MOUZA-KUSAPALLI, KHATA- 495, PLOT- 683, KISSAM-PAHADA, LAT -20 08'57.26" TO 20 09'01.67" , LONG- 85 14'28.26" TO 85 14'32.05"	KUSAPALLI	3Ac/1.214Hc
2	A2	GOBARDHANPUR-A BOULDER QUARRY, MOUZA-GOBARDHANPUR, KHATA-365, PLOT-6(P),KISSAM-CHHOTA PAHAD , LAT-20 12'59.89" TO 20 12'55.75" , LONG- 85 13'04.00" TO 85 13'00.22"	GOBARDHANPUR	2.5Ac/1.011Hc
	A5	GOBARDHANPUR BOULDER QUARRY-B.MOUZA-GOBARDHANPUR, KHATA- 365, PLOT- 96, KISSAM-SANATOLIA PAHADA, LAT -20.216374 TO 20.21676 , LONG- 85.221273 TO 85.221355	GOBARDHANPUR	4Ac/1.618Hc
3	C1	JARIPUT BLACK STONE QUARRY-10, MOUZA-JARIPUT, KHATA- 296, PLOT- 1112/1, KISSAM-MUNDIA, LAT -19 51'22.5" TO 19 51'23.6" , LONG- 85 18'39.9" TO 85 18'41.4	JARIPUT	0.315Ac/0.127Hc
	C4	JARIPUT BLACK STONE QUARRY-9,MOUZA-JARIPUT, KHATA- 296, PLOT- 1112/1, KISSAM-MUNDIA, LAT -19.864 , LONG- 85.306	JARIPUT	2Ac/0.809Hc
	C5	JARIPUT BLACK STONE QUARRY-11,MOUZA-JARIPUT, KHATA- 296, PLOT- 689, KISSAM-MUNDIA, LAT - 19 51'41.67" TO 19 51' 53.37" , LONG- 85 18'17.82" TO 85 18'24.305"	JARIPUT	12Ac/4.85644Hc
	C11	JARIPUT BLACK STONE QUARRY-D,MOUZA-JARIPUT, KHATA- 296, PLOT- 1112(P), KISSAM-MUNDIA, LAT - 19 51'20.7" TO 19 51' 25.1" , LONG- 85 18'33.2" TO 85 18'36.6"	JARIPUT	3Ac/1.214Hc
	C12	JARIPUT BLACK STONE QUARRY- C, MOUZA-JARIPUT, KHATA- 296, PLOT- 1112(P),1061, KISSAM-MUNDIA, LAT -19 51'24.5" TO 19 51' 28.7" , LONG- 85 18'37.1" TO 85 18'42.7"	JARIPUT	3Ac/1.214Hc
	C13	JARIPUT BLACK STONE QUARRY-A,MOUZA-JARIPUT, KHATA- 296, PLOT- 1112(P), KISSAM-MUNDIA, LAT - 19 51'18.5" TO 19 51'23.7" , LONG- 85 18'36.7" TO 85 18'39.7"	JARIPUT	3Ac/1.214Hc

	C14	JARIPUT BLACK STONE QUARRY-B, MOUZA-JARIPUT , KHATA- 296, PLOT- 1112(P), KISSAM-MUNDIA, LAT -19 51'22.5" TO 19 51' 26.4" , LONG- 85 18'36.7" TO 85 18'43.6"	JARIPUT	3Ac/1.214Hc
	C15	JAYAMANGALPUR BSQ- 1,MOUZA-JAYMANGALPUR , KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT -19.859 , LONG- 85.311	JAYAMANGALPUR	2.2Ac/0.890Hc
	C10	JAYAMANGALPUR BSQ-2,MOUZA-JAYMANGALPUR , KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT - 19.859, LONG- 85.311	JAYAMANGALPUR	1.3Ac/0.526Hc
	C9	JAYMANGALPUR BSQ-3,MOUZA-JAYMANGALPUR , KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT -19.859 , LONG-85.311	JAYAMANGALPUR	2.2Ac/0.890Hc
4	C6	BRUSHABANDHA BSQ-1 ,MOUZA-BRUSHABANDHA , KHATA- 214, PLOT- 554, KISSAM-MUNDIA, LAT -19 52'35.9" TO 19 52'39.0" , LONG-85 19'52.0" TO 85 19'55.6"	BRUSHABANDHA	1.232Ac/0.498
	C7	BRUSHABANDHA BSQ-3 ,MOUZA-BRUSHABANDHA , KHATA- 214, PLOT- 554, KISSAM-MUNDIA, LAT -19 52'34.0" TO 19 52'40.0" , LONG-85 19'45.6" TO 85 19'52.6"	BRUSHABANDHA	2.2Ac/0.809Hc
	C8	BRUSHABANDHA BLACK METAL QUARRY-5,MOUZA- BRUSABANDHA, KHATA-214,PLOT- 554, KISSAM- PAHAD, LAT-19° 52'30.67 TO 19° 52' 36.22N , LONG- 85° 19'39.83" TO 85° 19' 44.31"	BRUSHABANDHA	2.99Ac/1.214Hc
	C17	BHRUSABANDHA BLACK STONE QUARRY-6,MOUZA-BHRUSABANDHA , KHATA- 214, PLOT-554, KISSAM-MUNDIA, LAT -19 52' 34.00 TO 19 52' 40.00 , LONG- 85 19'45.6 TO 85 19'52.6	BRUSHABANDHA	4.50Ac/1.821Hc
	C2	NAYAKOTA BLACK STONE QUARRY, MOUZA-NAYAKOTA , KHATA- 293, PLOT- 685, KISSAM-PAHAD, LAT -19 52' 39.67" TO 19 52'44.99" , LONG- 85 19'50.51" TO 85 19'54.93"	NAYAKOTA	2.46Ac/0.995Hc
5	D29	GOLAPUTKHUA BUILDING STONE QUARRY (KHA), NIJIGADA TAPANG,MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO. 953(P) , KISSAM-MUNDIA, Lat- 20 05'17.07 to 20 05'23.75, Long- 85 34'41.41 to 85 34'50.23	NIJIGADATAPANG	6.56Ac or 2.66 Ha
	D32	WHITE STONE QUARRY, KIAJHARI, MOUZA-KIAJHARI ,KHATA NO.320, PLOT NO.755(P) , KISSAM- BAGAYAT-II, LAT- 20.089, LONG- 85.578	KIAJHARI	1.000 Ac / 0.405Ha
	D33	DUBURI NEW BUILDING STONE QUARRY , NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG ,KHATA NO.832/1, PLOT NO.944(P), KISSAM-MUNDIA LAT- 20 05'25.99" TO 20 05'30.81" , LONG- 85 34'40.01" TO 85 34'50.20"	NIJIGADATAPANG	6.47 Ac / 2.62Ha

	D44	GOLAPUTKHUA BUILDING STONE QUARRY (KA), KIAJHARI, MOUZA-KIAJHARI, KHATA NO.-320, PLOT NO.1947(P), KISSAM-PATITA, lat- 20 05'00.48 to 20 05'17.75 Long-85 34'25.07 to 85 34'47.22	Kiajhari	Ac.58.25 / 23.58 Hc.
	D66	KIAJHARI-1 STONE QUARRY(1856), MOUZA-KIAJHARI , KHATA-59& 58, PLOT-1856,1858 KISSAM- BAGAYAT-2, LAT-20°05'3.208" TO 20°05'7.285" , LONG-85°34'16.604" TO 85°34'20.771"	Kiajhari	2.14Ac/0.866Ha
	D67	KIAJHARI-2 STONE QUARRY(1875), MOUZA-KIAJHARI , KHATA-59, PLOT-1875,1873 KISSAM-BAGAYAT-2, LAT-20°05'2.817" TO 20°05'7.402" , LONG-85°34'19.755" TO 85°34'24.551"	Kiajhari	1.835Ac/0.743Ha
6	D2	SANKHARI EAST-WEST BUILDING STONE QUARRY (KA),MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) KISSAM-PATITA(PAHAD), LAT- 20 06'27.58" TO 20 06'33.66", LONG- 85 33'04.23" TO 85 33'17.75"	KAIPADAR	11.900Ac. / 4.82 Hc.
	D3	SANKHARI EAST WEST NEW BUILDING STONE QUARRY (KHA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.3502(P) , KISSAM-PATITA(PAHAD), LAT-20.105 , LONG-85.554	KAIPADAR	8.449Ac /r Hc.3.42
	D4	SANKHARI EAST WEST BUILDING STONE QUARRY (GA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 3502(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'19.36" TO 20 06'27.69" , LONG- 85 33'09.92" 85 33'15.63"	KAIPADAR	9.840Ac / 3.98 Hc
	D5	SANKHARI EAST WEST BUILDING STONE QUARRY (GHA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 3502(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'19.36" TO 20 06'27.62" , LONG- 85 33'15.19" TO 85 33'24.34"	KAIPADAR	10.88Ac / 4.40Ha
	D6	SANKHARI SOUTH NEW BUILDING STONE QUARRY (CHA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 3502(P) , KISSAM - PATITA(PAHAD) , LAT-20 06'10.84 TO LONG- 85 33'09.79" TO 85 33'14.98"	KAIPADAR	3.500Ac /1.42 HC
	D7	SANKHARI SOUTH NEW BUILDING STONE QUARRY (CHHA)KAIPADARMOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 3502(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'09.92 TO 20 06'16.50" , LONG- 85 33'14.83" TO 85 33'25.61"	KAIPADAR	10.01Ac. or 4.05 Ha
	D8	SANKHARI SOUTH NEW BUILDING STONE QUARRY , KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) , KISSAM- PATITA(PAHAD), LAT-20 06'10.4" TO 20 06'13.3" , LONG- 85 33'14.3" TO 85 33'19.2"	KAIPADAR	1.000Ac / 0.0405 HC

D9	SANKHARI SOUTH NEW BUILDING STONE QUARRY (KA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P), KISSAM-PATITA(PAHAD), LAT- 20 06'15.21" TO 20 06'20.42" , LONG- 85 33'08.38" TO 85 33'14.68"	KAIPADAR	4.95 Ac./2.02 Ha.
D37	SANKHARI NEW BUILDING STONE QUARRY JODAAMBA (GHA) KAIPADAR, MOUZA-KAIPADAR ,KHATA NO.849, PLOT NO.3502(P) , KISSAM-PATITA(PAHAD), Lat- 20 06' 14.54" to 20 06'18.48", Long- 85 33'16.07" to 85 33'25.09"	KAIPADAR	10.00Ac / 4.047Ha
D52	SANKHARI DHOBI (UAN) BUILDING STONE QUARRY ,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P), KISSAM-PATITA(PAHAD) , LAT-20.104, LONG- 85.585	KAIPADAR	Ac.7.5 / 3.0 Hc.
D58	SANKHARI SOUTH BLACK STONE (GA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) KISSAM-PATITA(PAHAD) , LAT- 20.104, , LONG- 85.554	KAIPADAR	Ac.2.500 / 1.011 Hc.
D59	SANKHARI SOUTH BLACK STONE (KHA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P), KISSAM-PATITA(PAHAD) , LAT-20.104, , LONG- 85.554	KAIPADAR	Ac.2.500 / 1.011 Hc.
D36	NEW BUILDING STONE QUARRY , KAIPADAR (GA), MOUZA-KAIPADAR ,KHATA NO. 849, PLOT NO.3502(P),KISSAM-PATITA(PAHAD), , Lat- 20 06'12.05" to 20 06'15.51, Long- 85 33'24.99 to 85 33'21.31	KAIPADAR	2.50Ac / 1.0 ha
D61	KAIPADAR STONE QUARRY, MOUZA-KAIPADAR , KHATA-1247/473,1247/470 PLOT-3126, 3178,KISSAM- BAGAYAT-II, LAT- 20°06'28.31908" TO 20°06'35.87876" , LONG-85°33'06.94849" TO 85°33'21.24364" , AREA- 1.25AC	KAIPADAR	1.575Ac./ 0.637Ha
D62	KAIPADAR STONE QUARRY, MOUZA-KAIPADAR , KHATA-41, PLOT-3100,3106,KISSAM- BAGAYAD-II(AMBA), LAT- 20°06'28.31908" TO 20°06'35.87876" , LONG-85°33'06.94849" TO 85°33'21.24364"	KAIPADAR	Plot- 3100(0.63Ac),3106(1.45Ac)
D63	KAIPADAR STONE QUARRY, MOUZA-KAIPADAR , KHATA-825, PLOT-2822,KISSAM- BAGAYAD-II(AMBA), LAT-20°06'50.06506" TO 20°06'53.17883" , LONG-85°18'37.43594" TO 85°18'40.79838"	KAIPADAR	1.095Ac./0.443Ha
D53	TANGENI BUILDING STONE QUARRY, KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3222(P) , KISSAM-PATITA(PAHAD) , LAT- 20.11, LONG- 85.549	KAIPADAR	Ac.24.63 / 9.852 Hc.
D10	KAIPADAR NEW BUILDING STONE QUARRY (KA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.2825(P) & 2867 (P), KISSAM- PATITA , LAT- 20 06'37.2" TO 20 06'46.5" , LONG- 85 33'41.5" TO 85 33'51.5"	KAIPADAR	7.500Ac. / 3.00 Hc.

D27	KAIPADAR NEW BUILDING STONE QUARRY, KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2825(P), KISSAM- PATITA, LAT- 20.113, LONG-85.563	KAIPADAR	10.00 Ac /4.046 Ha.
D11	DHANIA BUILDING STONE QUARRY (E), KAIPADAR,KAIPADAR, KHATA NO.849, PLOT NO.2847(P) ,KISSAM-PATITA(PAHAD) , LAT-20.112 , LONG-85.567	KAIPADAR	3.345 Ac. / 1.338 Hc
D12	DHANIA NEW BUILDING STONE QUARRY(F), KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2847(P) , KISSAM- PATITA(PAHAD), LAT- 112 , LONG- 85.567	KAIPADAR	6.241Ac. / Hc. 2.526
D13	DHANIN WEAST BUILDING STONE QUARRY (GA),KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2825 (P) , KISSAM- PATITA(PAHAD), LAT- 20.105, LONG- 85.554	KAIPADAR	Ac.4.279 / Hc.1.732
D14	DHANIA WEST BUILDING STONE QUARRY (GHA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2825(P) & 2900(P) , KISSAM- PATITA , LAT- 20 06'38.51" TO 20 06'41.07" , LONG- 85 33'34.09" TO 85 33'41.51"	KAIPADAR	Ac.2.655 /Hc.1.07
D15	DHANIA NEW BUILDING STONE QUARRY UTTARA TARAF (TA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2847(P) , KISSAM-NOT FOUND , LAT- 20 06'41.59" TO 20 06'48.73" , LONG- 85 33'53.58" TO 85 33'59.88"	KAIPADAR	Ac.7.500 / 3.03 Hc
D16	DHANIA NEW BUILDING STONE QUARRY UTAR TARAF (DA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 2825(P) , KISSAM- PATITA , LAT- 20.105 , LONG- 85.554	KAIPADAR	Ac.11.250 /4.55Ha
D17	DHANIA SOUTH EAST NEW BUILDING STONE QUARRY, KAIPADAR,MOUZA- KAIPADAR, KHATA NO.849, PLOT NO. 2864(P) , KISSAM- PATITA(PAHAD), LAT- 20 06.33.38" TO 20 06'38.55", LONG- 85 33'51.79" TO 85 33'57.45"	KAIPADAR	Ac.5.00 /2.02 Hc.
D18	DHANIA NEW BUILDING STONE QUARRY (JA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849,PLOT NO.2864(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'33.23" TO 20 06'38.37", LONG- 85 33'56.69" TO 85 34'02.10"	KAIPADAR	1.821 HA /4.5 AC
D19	DHANIA NEW BUILDING STONE QUARRY SOUTH EAST (CHHA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.2864(P) , KISSAM- PATITA(PAHAD) , LAT- 20 06'26.16"TO 20 06' 33.34" LONG- 85 33'57.02" TO 85 34' 07.05"	KAIPADAR	Ac.9.600/ 3.885 Ha
D20	DHANIA WEST NEW BUILDING STONE QUARRY (KHA)KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2900(P) , KISSAM-PATITA , LAT - 20.111 , LONG- 85.56	KAIPADAR	Ac.2.509 /1.015 Ha

	D21	DHANIA NEW BUILDING STONE QUARRY NORTH SIDE (THA),KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2847(P) , KISSAM-PATITA(PAHAD), LAT- 20.112, LONG- 85.567	KAIPADAR	3.000 Ac. or 1.21 Ha.
	D22	DHANIA NEW BUILDING STONE QUARRY UTTAR TARAF (UNA),KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2847(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'39.84"B TO 20 06'47.80", LONG- 85 33'58.68 TO 85 34'07.10"	KAIPADAR	10.000 AC/4.05 Ha
	D23	DHANIA NEW BUILDING STONE QUARRY EAST SIDE (CHA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2864(P), KISSAM-PATITA(PAHAD), LAT- 20 06'30.94" TO 20 06'37.72" , LONG- 85 33'59.92" TO 85 34'08.75"	KAIPADAR	10.00Ac./ 4.05Ha
	D30	DHANIA WEST BUILDING STONE QUARRY (KA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.2900(P),2825(P), KISSAM-PATITA , LAT- 20 06'33.74" TO 20 06'38.71", LONG- 85 33'32.81" TO 85 33'42.04"	KAIPADAR	8.323 Ac / 3.368Ha
	D68	DHANIA NEW BUILDING STONE QUARRY MIDDLE (JHA),KAIPADAR,14/18,MOUZA-KAIPADAR ,KHATA NO-849,PLOT NO-2847(P),KISSAM-LAT-20°06'37.98" TO 20°06'41.92" ,LONG-85°33'53.58" TO 85°34'06.13"	KAIPADAR	Ac.7.00/Hc2.83
	D31	NEW BUILDING STONE QUARRY (KHA) KAIPADAR, MOUZA-KAIPADAR,KHATA NO. 849, PLOT NO.2864(P) , KISSAM-PATITA(PAHAD) Lat- 20 06'26.60 to 20 06'33, long- 85 33'50.99 to 85 33'57.99	KAIPADAR	7.5100Ac / 3.04Ha
7	D24	HATIA NEW BUILDING STONE QUARRY (CHHA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO. 832/1, PLOT NO.277(P) , KISSAM-MUNDIA , LAT-20 05'42.20" TO 05'50.06", LONG-85 35'02.60" T O 85 35'09.22"	NIJIGADATAPANG	9.000Ac / 3.64Ha
	D25	HATIA NEW BUILDING STONE QUARRY (JA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO.,832/1, PLOT NO. 277(P), KISSAM-MUNDIA, LAT- 20.096, LONG- 85.587	NIJIGADATAPANG	6.0Ac / 2.043 Ha
	D26	HATIA NEW BUILDING STONE QUARRY (GHA) NIJIGADATAPANG, MOUZA-KAIPADAR, KHATA NO. 832/1, PLOT NO.277(P), KISSAM- UNNATA YAJANA JYOGYA , LAT- 20 05'49.49" TO 20 05'57.03", LONG- 85 35'05.66" TO 85 35'10.49"	KAIPADAR	6.00 Ac / 2.400 Ha
	D28	HATIA NEW BUILDING STONE QUARRY (JHA) NIJIGADA TAPANG,MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO.277(P), KISSAM-MUNDIA, LAT- 20 05'40.79" TO 20 05'47.84" , LONG- 85 35'13.49" TO 85 35'17.84"	NIJIGADATAPANG	6.000Ac. / 2.430 Ha

D34	HATIA NEW BUILDING STONE QUARRY (GA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG ,KHATA NO.832/1, PLOT NO.276(P), 277(P), KISSAM- PURATANA PATITA, LAT- 20 05'41.24 TO 20 05'45.54", LONG- 85 34'57.54" TO 85 35'01.95"	NIJIGADATAPANG	2.600Ac / 1.05Ha
D35	HATIA NEW BUILDING STONE QUARRY (TA) NIJIGADA TAPANG, MOUZA- NIJIGADATAPANG,KHATA NO. 832/1, PLOT NO.277(P) , KISSAM-MUNDIA, LAT- 20 05'41.35" TO 20 05'49.36", LONG- 85 35'17.77" TO 85 35'24.98"	NIJIGADATAPANG	9.0 Ac / 3.64Ha
D39	HATIA BUILDING STONE QUARRY (KA), NIJIGADATAPANG, MOUZA- NIJIGADATAPANG,KHATA NO.832/1, PLOT NO.276(P) ,KISSAM- PURATANA PATITA, LAT- 20 05'45.4" TO 20 05'50.2", LONG- 85 34'57.6" TO 85 35' 01.0"	NIJIGADATAPANG	1.275Ac / 0.516Ha
D40	HATIA BUILDING STONE QUARRY (UNA) NIJIGADATAPANG, MOUZA- NIJIGADATAPANG,KHATA NO.832/1, PLOT NO.277(P), KISSAM-MUNDIA , LAT- 20 05' 49.53" TO 2 005'56.94 , LONG- 85 35' 09.98" TO 85 35'14.70"	NIJIGADATAPANG	6.0Ac / 2.428Ha
D41	HATIA NEW BUILDING STONE QUARRY (CHA) NIJIGADA TAPANG, MOUZA- NIJIGADATAPANG,KHATA NO. 832/1, PLOT NO.277(P), KISSAM- MUNDIA, LAT- 20 05'49.46" TO 20 05'56.03" , LONG- 85 35'14.35" TO 85 35' 19.38"	NIJIGADATAPANG	6.0Ac / 2.43Ha
D45	HATIA BUILDING STONE QUARRY (THA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO.277(P), KISSAM-MUNDIA , LAT- 20.096, LONG- 85.587	NIJIGADATAPANG	Ac.8.000 / 3.2 Hc
D46	CHHATRAMA BUILDING STONE QUARRY (KA), CHHATRAMA,MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1821(P), KISSAM-PATITA , LAT- 20.106, LONG- 85.587	CHHATRAMA	Ac.8.734 / 3.53 Hc
D47	CHHATRAMA BUILDING STONE QUARRY (KHA), CHHATRAMA,MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1821(P), KISSAM-PATITA , LAT- 20.106, LONG- 85.587	CHHATRAMA	Ac.8.000 / 3.24Hc
D48	CHHATRAMA BUILDING STONE QUARRY (GA), CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1821(P) , KISSAM-PATITA , LAT- 20.106, LONG- 85.587	CHHATRAMA	Ac.6.117 / 2.475 Hc
D54	KABAR (KA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1672(P) , KISSAM-PATITA, Lat- 20 06'27.76" to 20 06'33.85", Long- 85 34'38.14 to 85 34'43.43"	CHHATRAMA	Ac.6.58 / 2.66 Ha

	D55	KABAR (KHA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.-1499(P) , KISSAM-PATITA, Lat- 20 06'33.77" to 20 06'41.05, Long- 85 34'43.33" to 85 34'50.43"	CHHATRAMA	Ac.8.115 / 3.28 Hc
	D56	KABAR (GA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1499(P) KISSAM - PATITA, LAT- 20.11, LONG- 85.578	CHHATRAMA	Ac.7.170 / 2.90 Hc.
	D57	KABAR (GHA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1678(P), KISSAM- PATITA, LAT- 20.108, LONG- 85.581	CHHATRAMA	Ac.1.500 / 2.90 Hc
	D49	KALINGA BUILDING STONE QUARRY (KA) JHINKIJHARI,MOUZA-JHINKIJHARI, KHATA NO.602, PLOT NO.150(P) , KISSAM-GOCHARA , Lat- 20 06'11.45" to 20 06'18.72" , Long- 85 35'10.31" to 85 35'21.54"	JHINKIJHARI	Ac.6.963 / 2.82 Hc
	D50	KALINGA BUILDING STONE QUARRY (KHA) JHINKIJHARI, MOUZA-JHINKIJHARI, KHATA NO.602, PLOT NO.150(P) , KISSAM-GOCHARA , Lat- 20 06'12.75" to 20 06'18.82" , Long- 85 35'03.81" to 85 35'10.89"	JHINKIJHARI	Ac.7.438 / 3.01 Hc.
	D51	KALINGA BUILDING STONE QUARRY (GA) JHINKIJHARI, MOUZA-JHINKIJHARI, KHATA NO.602, PLOT NO.150(P), KISSAM-GOCHARA , Lat- 20 06'14.57" to 20 06'20.67" , Long- 85 35'10.31" to 85 35'21.54"	JHINKIJHARI	Ac.7.61 / 3.08 Ha.
8	D38	HANUMANTIA BUILDING STONE QUARRY (GA), MALIPADA,MOUZA-MALIPADA,KHATA NO.726/2, PLOT NO. 9(P) , KISSAM-PATITA , LAT-20 05'59.00" TO 20 06'01.19", LONG- 85 32'31.39" TO 85 32'34.80"	MALIPADA	1.087A c/ 0.44 Ha
	D42	WHITE STONE QUARRY , MALIPADA,MOUZA-MALIPADA, KHATA NO.726/2, PLOT NO.9(P), KISSAM- PATITA, LAT- 20.1, LONG-85.543	MALIPADA	1.01Ac / 0.41 Ha
	D43	HANUMANTIA BUILDING STONE QUARRY , MALIPADA, MOUZA-MALIPADA, KHATA NO.726/2, PLOT NO. 9(P) , KISSAM-PATITA , LAT- 20.1, LONG-85.543	MALIPADA	.1.063Ac / 0.43Ha
9	E1	PARICHHAL BGS,MOUZA-PARICHHAL , KHATA- 373, PLOT- 725, KISSAM- PARBAT, LAT -20.095 , LONG- 85.516	PARICHHAL	4.875Ac/1.97285Hc
	E2	PARICHHAL BGS,MOUZA-PARICHHAL , MOUZA-PARICHHALA , KHATA- 373, PLOT- 702(P), KISSAM-PARBAT, LAT -20.094 , LONG-85.519	PARICHHAL	5Ac/2.023Hc
	E3	PARICHHAL BGS-726 , MOUZA-PARICHHAL , KHATA- 373, PLOT- 726, KISSAM- PARBAT, LAT - 20.093 , LONG- 85.516	PARICHHAL	5.625Ac/2.276Hc

E4	KALACHUA BUILDING STONE QUARRY (JHA), MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1517(P), KISSAM-PATITA, LAT- 20 05'50.42" TO 20 05'56.09", LONG- 85 30'36.34" TO 85 30'44.72"	DANGARPADA	9.50 Ac / 3.84 Ha
E5	KALACHUA NEW BUILDING STONE QUARRY(TA) DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1517(P) , KISSAM- PATITA, Lat- 20 05'45.91 to 20 05'56.07, long- 85 30 44.29" to 85 30'47.88"	DANGARPADA	6.772 Ac / 2.74Ha
E7	KALACHUA BUILDING STONE QUARRY , DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1246(P), 1237(P) KISSAM- PATITA, LAT- 20 05'56.04" TO 20 06'03.43" , LONG- 85 30'37.76" TO 85 30'48.70"	DANGARPADA	7.700Ac / 3.116 Ha
E10	KALACHUA NEW BUILDING STONE QUARRY (NION), MOUZA- DANGARPADA,KHATA NO.17, PLOT NO.1517(P), KISSAM-PATITA , LAT- 20 05'45.52" TO 20 05'50.95 , LONG- 85 30'37.25" TO 85 30'44.72"	DANGARPADA	Ac.6.682 / 2.704 Hc
E11	KALACHUA NEW BUILDING STONE QUARRY (CHHA), MOUZA-DANGARPADA,KHATA NO. 17 PLOT NO. 1517(P), KISSAM- PATITA, Lat-20 05'56.16 to 20 06'02.59, Long-85 30'32.59" to 85 30' 42.81	DANGARPADA	Ac.5.90 / 2.39Ha
E12	KALACHUA NEW BUILDING STONE QUARRY (CHA), MOUZA-DANGARPADA,KHATA NO.17, PLOT NO.1517,KISSAM- PATITA, LAT- 20 06'01.23" TO 20 06'08.71" , LONG- 85 30'31.63" TO 85 30'36.10"	DANGARPADA	Ac.3.61 / 1.46Ha
E13	KALACHUA NEW BUILDING STONE QUARRY (JA), MOUZA-DANGARPADA,KHATA NO.17, PLOT NO.1517, KISSAM-PATITA, LAT- 20 05'51.01" TO 20 05'56.03" , LONG- 85 30'31.92" TO 85 30'36.55"	DANGARPADA	Ac.5.28/ 2.14 Ha
E15	KALACHUA NEW BUILDING STONE QUARRY (THA), MOUZA-DANGARPADA, KHATA NO. 17 PLOT NO. 1517(P), KISSAM- PATITA, LAT-20.097, LONG- 85.512	DANGARPADA	Ac.4.894 / 1.98 Hc
E16	DANGARPADA WHITE BUILDING STONE QUARRY, DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1517(P), KISSAM- PATITA, LAT- 20.097, LONG- 85.512	DANGARPADA	Ac.2.0 / 0.8 Hc
E14	DANGARPADA NEW WHITE STONE QUARRY , MOUZA-DANGARPADA,KHATA NO.17, PLOT NO.1517(P) , KISSAM-PATITA , LAT- 20 05'52.68" TO 20 06'56.04", LONG- 85 30' 48.45" TO 85 30'51.55"	DANGARPADA	Ac.2.0 / 0.809 Hc
E9	DANGARPADA NEW BUILDING STONE QUARRY (NORTH SIDE) DANGARPADA, MOUZA- DANGARPADA,KHATA NO.17, PLOT NO.1237(P), KISSAM-PATITA , LAT- 20 06'01.6" TO 20 06'08.7", LONG- 85 30'33.1" TO 85 30'40.1"	DANGARPADA	5.00Ac / 2.023Ha

*District Survey Report(stone) of Khordha, Odisha 10*

	E8	DANGARPADA BUILDING STONE QUARRY , DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1246(P), KISSAM-PATITA , LAT-20 05'56.04" TO 20 06'03.83, LONG- 85 30' 38.22 TO 85 30'48.55"	DANGARPADA	2.500Ac / 1.01Ha
10	C19	NAYAKOTA STONE QUARRY-632/1288, MOUZA-NAYAKOTE , KHATA-284/241, PLOT-632/1288, KISSAM- SARADA-III, LAT- 20°04'58.05828" TO 20°04'59.51194" , LONG-85°30'54.07083" TO 85°30'55.82473"	Nayakote	0.45Ac/0.182Ha
	E17	PARICHHAL STONE QUARRY (638), MOUZA-PARICHHAL, KHATA-373, PLOT- 638(3.875AC), 640(2.875), 642(4.5AC), KISSAM- PARBATA, LAT-20 5'44.112" TO 20 5'46.493" , LONG-85 31'13.741" TO 85 31'17.426"	PARICHHALA	11.25Ac/ 4.5528Ha

**Contiguous Clusters:**

Contiguous Cluster No.	Cluster No	Number of leases in the cluster Location (Riverbed/ Patta Land)	Distance between clusters(KM)
1	6	SANKHARI EAST-WEST BUILDING STONE QUARRY (KA),MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) KISSAM-PATITA(PAHAD), LAT- 20 06'27.58" TO 20 06'33.66", LONG- 85 33'04.23" TO 85 33'17.75"	SANKHARI KAIPADAR DHANIA CLUSTER to HANUMANTA CLUSTER-1.04,GOLAPUTKHUA-DUBURI-KIAJHARI CLUSTER to HATIA-KARABA-KALINGA-CHHATRAMA CLUSTER-0.67,PARICHHAL-KALACHUA-DANGARPADA CLUSTER to NAYAKOT-PARICHHAL CLUSTER-2.3,NAYAKOT-PARICHHAL CLUSTER to SANKHARI KAIPADAR DHANIA CLUSTER-1.05,HATIA-KARABA-KALINGA-CHHATRAMA CLUSTER to SANKHARI KAIPADAR DHANIA CLUSTER-0.9
		SANKHARI EAST WEST NEW BUILDING STONE QUARRY (KHA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.3502(P) , KISSAM- PATITA(PAHAD), LAT-20.105 , LONG-85.554	
		SANKHARI EAST WEST BUILDING STONE QUARRY (GA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 3502(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'19.36" TO 20 06'27.69" , LONG- 85 33'09.92" 85 33'15.63"	
		SANKHARI EAST WEST BUILDING STONE QUARRY (GHA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 3502(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'19.36" TO 20 06'27.62" , LONG- 85 33'15.19" TO 85 33'24.34"	
		SANKHARI SOUTH NEW BUILDING STONE QUARRY (CHA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 3502(P) , KISSAM -PATITA(PAHAD) , LAT-20 06'10.84 TO LONG- 85 33'09.79" TO 85 33'14.98"	
		SANKHARI SOUTH NEW BUILDING STONE QUARRY (CHHA)KAIPADARMOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 3502(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'09.92 TO 20 06'16.50", LONG- 85 33'14.83" TO 85 33'25.61"	

KYA	SANKHARI SOUTH NEW BUILDING STONE QUARRY , KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) , KISSAM- PATITA(PAHAD), LAT-20 06'10.4" TO 20 06'13.3", LONG- 85 33'14.3" TO 85 33'19.2"
	SANKHARI SOUTH NEW BUILDING STONE QUARRY (KA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) , KISSAM-PATITA(PAHAD) , LAT- 20 06'15.21" TO 20 06'20.42" , LONG- 85 33'08.38" TO 85 33'14.68"
	SANKHARI NEW BUILDING STONE QUARRY JODAAMBA (GHA) KAIPADAR, MOUZA-KAIPADAR ,KHATA NO.849, PLOT NO.3502(P) , KISSAM-PATITA(PAHAD), Lat- 20 06'14.54" to 20 06'18.48" , Long- 85 33'16.07" to 85 33'25.09"
	SANKHARI DHOBI (UAN) BUILDING STONE QUARRY ,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P), KISSAM-PATITA(PAHAD) , LAT- 20.104, LONG- 85.585
	SANKHARI SOUTH BLACK STONE (GA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P) KISSAM-PATITA(PAHAD) , LAT- 20.104 , LONG- 85.554
	SANKHARI SOUTH BLACK STONE (KHA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3502(P), KISSAM-PATITA(PAHAD) , LAT- 20.104 , LONG- 85.554
	NEW BUILDING STONE QUARRY , KAIPADAR (GA), MOUZA-KAIPADAR ,KHATA NO. 849, PLOT NO.3502(P) ,KISSAM-PATITA(PAHAD), ), Lat- 20 06'12.05" to 20 06'15.51, Long- 85 33'24.99 to 85 33'21.31
	KAIPADAR STONE QUARRY, MOUZA-KAIPADAR , KHATA-1247/473,1247/470 PLOT-3126, 3178,KISSAM- BAGAYAT-II, LAT- 20°06'28.31908" TO 20°06'35.87876" , LONG- 85°33'06.94849" TO 85°33'21.24364", AREA- 1.25AC
	KAIPADAR STONE QUARRY, MOUZA-KAIPADAR , KHATA-41, PLOT-3100,3106,KISSAM- BAGAYAD-II(AMBA), LAT- 20°06'28.31908" TO 20°06'35.87876" , LONG- 85°33'06.94849" TO 85°33'21.24364"
	KAIPADAR STONE QUARRY, MOUZA-KAIPADAR , KHATA-825, PLOT-2822,KISSAM- BAGAYAD-II(AMBA), LAT- 20°06'50.06506" TO 20°06'53.17883" , LONG- 85°18'37.43594" TO 85°18'40.79838"
	TANGENI BUILDING STONE QUARRY, KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.3222(P) , KISSAM-PATITA(PAHAD) , LAT- 20.11, LONG- 85.549
	KAIPADAR NEW BUILDING STONE QUARRY (KA), KAIPADAR,MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.2825(P) & 2867 (P), KISSAM- PATITA , LAT- 20 06'37.2" TO 20 06'46.5" , LONG- 85 33'41.5" TO 85 33'51.5"
KAIPADAR NEW BUILDING STONE QUARRY, KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2825(P), KISSAM- PATITA, LAT- 20.113, LONG-85.563	

KYA	DHANIA BUILDING STONE QUARRY (E), KAIPADAR,KAIPADAR, KHATA NO.849, PLOT NO.2847(P) ,KISSAM-PATITA(PAHAD) , LAT-20.112 , LONG-85.567	DSS
	DHANIA NEW BUILDING STONE QUARRY(F), KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2847(P) , KISSAM- PATITA(PAHAD), LAT-112 , LONG- 85.567	
	DHANIN WEAST BUILDING STONE QUARRY (GA),KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2825 (P), KISSAM- PATITA(PAHAD), LAT- 20.105, LONG- 85.554	
	DHANIA WEST BUILDING STONE QUARRY (GHA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2825(P) & 2900(P) , KISSAM- PATITA , LAT- 20 06'38.51" TO 20 06'41.07" , LONG- 85 33'34.09" TO 85 33'41.51"	
	DHANIA NEW BUILDING STONE QUARRY UTTARA TARAF (TA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2847(P) , KISSAM-NOT FOUND , LAT- 20 06'41.59" TO 20 06'48.73", LONG- 85 33'53.58" TO 85 33'59.88"	
	DHANIA NEW BUILDING STONE QUARRY UTAR TARAF (DA) , KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO. 2825(P) , KISSAM-PATITA , LAT- 20.105 , LONG- 85.554	
	DHANIA SOUTH EAST NEW BUILDING STONE QUARRY, KAIPADAR,MOUZA- KAIPADAR, KHATA NO.849, PLOT NO. 2864(P) , KISSAM-PATITA(PAHAD), LAT- 20 06.33.38" TO 20 06'38.55", LONG- 85 33'51.79" TO 85 33'57.45"	
	DHANIA NEW BUILDING STONE QUARRY (JA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849,PLOT NO.2864(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'33.23" TO 20 06'38.37", LONG- 85 33'56.69" TO 85 34'02.10"	
	DHANIA NEW BUILDING STONE QUARRY SOUTH EAST (CHHA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.2864(P) , KISSAM-PATITA(PAHAD) , LAT- 20 06'26.16"TO 20 06' 33.34" LONG- 85 33'57.02" TO 85 34' 07.05"	
	DHANIA WEST NEW BUILDING STONE QUARRY (KHA)KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2900(P) , KISSAM-PATITA , LAT -20.111 , LONG- 85.56	
	DHANIA NEW BUILDING STONE QUARRY NORTH SIDE (THA),KAIPADAR,MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2847(P) , KISSAM- PATITA(PAHAD), LAT- 20.112, LONG- 85.567	
	DHANIA NEW BUILDING STONE QUARRY UTTAR TARAF (UNA),KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO.2847(P), KISSAM-PATITA(PAHAD) , LAT- 20 06'39.84"B TO 20 06'47.80", LONG- 85 33'58.68 TO 85 34'07.10"	

	KYA	DHANIA NEW BUILDING STONE QUARRY EAST SIDE (CHA), KAIPADAR, MOUZA-KAIPADAR, KHATA NO.849, PLOT NO. 2864(P), KISSAM- PATITA (PAHAD), LAT- 20 06'30.94" TO 20 06'37.72" , LONG- 85 33'59.92" TO 85 34'08.75"	
		DHANIA WEST BUILDING STONE QUARRY (KA) KAIPADAR, MOUZA-KAIPADAR, KHATA NO. 849, PLOT NO.2900(P),2825(P), KISSAM-PATITA , LAT- 20 06'33.74" TO 20 06'38.71", LONG- 85 33'32.81" TO 85 33'42.04"	
		DHANIA NEW BUILDING STONE QUARRY MIDDLE (JHA),KAIPADAR,14/18,MOUZA-KAIPADAR ,KHATA NO- 849,PLOT NO-2847(P),KISSAM-.LAT-20°06'37.98" TO 20°06'41.92" ,LONG-85°33'53.58" TO 85°34'06.13"	
		NEW BUILDING STONE QUARRY (KHA) KAIPADAR, MOUZA-KAIPADAR,KHATA NO. 849, PLOT NO.2864(P) , KISSAM-PATITA (PAHAD) Lat- 20 06'26.60 to 20 06'33, long- 85 33'50.99 to 85 33'57.99	
	e-Comp	8	Hanumantia Building Stone Quarry (Ga), Malipada,MOUZA-MALIPADA,Khata No.726/2, Plot No. 9(P) , KISSAM-Patita , LAT-20 05'59.00" TO 20 06'01.19", LONG- 85 32'31.39" TO 85 32'34.80"
			White Stone quarry , Malipada,MOUZA-MALIPADA, Khata No.726/2, Plot No.9(P), Kissam- PATITA, Lat- 20.1, Long-85.543
			Hanumantia Building Stone Quarry , Malipada, MOUZA-MALIPADA, Khata No.726/2, Plot No. 9(P) , Kissam-PATITA , Lat- 20.1, Long-85.543
	5		GOLAPUTKHUA BUILDING STONE QUARRY (KHA), NIJIGADA TAPANG,MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO. 953(P) , KISSAM- MUNDIA, Lat- 20 05'17.07 to 20 05'23.75, Long- 85 34'41.41 to 85 34'50.23
			WHITE STONE QUARRY, KIAJHARI, MOUZA-KIAJHARI ,KHATA NO.320, PLOT NO.755(P) , KISSAM- BAGAYAT-II, LAT- 20.089, LONG- 85.578
			DUBURI NEW BUILDING STONE QUARRY , NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG ,KHATA NO.832/1, PLOT NO.944(P), KISSAM-MUNDIA LAT- 20 05'25.99" TO 20 05'30.81" , LONG- 85 34'40.01" TO 85 34'50.20"
			GOLAPUTKHUA BUILDING STONE QUARRY (KA), KIAJHARI,MOUZA-KIAJHARI, KHATA NO.-320, PLOT NO.1947(P), KISSAM-PATITA, lat- 20 05'00.48 to 20 05'17.75 Long-85 34'25.07 to 85 34'47.22
			KIAJHARI-1 STONE QUARRY(1856), MOUZA-KIAJHARI , KHATA-59& 58, PLOT-1856,1858 KISSAM- BAGAYAT-2, LAT- 20°05'3.208" TO 20°05'7.285" , LONG-85°34'16.604" TO 85°34'20.771"
		KIAJHARI-2 STONE QUARRY(1875), MOUZA-KIAJHARI , KHATA-59, PLOT-1875,1873 KISSAM- BAGAYAT-2, LAT- 20°05'2.817" TO 20°05'7.402" , LONG-85°34'19.755" TO 85°34'24.551"	

7	KYA e-Comp	HATIA NEW BUILDING STONE QUARRY (CHHA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO. 832/1, PLOT NO.277(P) , KISSAM- MUNDIA , LAT-20 05'42.20" TO 05'50.06", LONG-85 35'02.60" T O 85 35'09.22"	DSS e-Processing
		HATIA NEW BUILDING STONE QUARRY (JA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO.,832/1, PLOT NO. 277(P), KISSAM-MUNDIA, LAT- 20.096, LONG- 85.587	
		HATIA NEW BUILDING STONE QUARRY (GHA) NIJIGADATAPANG, MOUZA-KAIPADAR, KHATA NO. 832/1, PLOT NO.277(P), KISSAM- UNNATA YAJANA JYOGYA , LAT- 20 05'49.49" TO 20 05'57.03". LONG- 85 35'05.66" TO 85 35'10.49"	
		HATIA NEW BUILDING STONE QUARRY (JHA) NIJIGADA TAPANG,MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO.277(P), KISSAM- MUNDIA, LAT- 20 05'40.79" TO 20 05'47.84" , LONG- 85 35'13.49" TO 85 35'17.84"	
		HATIA NEW BUILDING STONE QUARRY (GA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG ,KHATA NO.832/1, PLOT NO.276(P), 277(P), KISSAM- PURATANA PATITA, LAT- 20 05'41.24 TO 20 05'45.54", LONG- 85 34'57.54" TO 85 35'01.95"	
		HATIA NEW BUILDING STONE QUARRY (TA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG,KHATA NO. 832/1, PLOT NO.277(P) , KISSAM-MUNDIA, LAT- 20 05'41.35" TO 20 05'49.36", LONG- 85 35'17.77" TO 85 35'24.98"	
		HATIA BUILDING STONE QUARRY (KA), NIJIGADATAPANG, MOUZA-NIJIGADATAPANG ,KHATA NO.832/1, PLOT NO.276(P) ,KISSAM- PURATANA PATITA, LAT- 20 05'45.4" TO 20 05'50.2", LONG- 85 34'57.6" TO 85 35' 01.0"	
		HATIA BUILDING STONE QUARRY (UNA) NIJIGADATAPANG, MOUZA-NIJIGADATAPANG,KHATA NO.832/1, PLOT NO.277(P), KISSAM-MUNDIA , LAT- 20 05' 49.53" TO 2 005'56.94 , LONG- 85 35' 09.98" TO 85 35'14.70"	
		HATIA NEW BUILDING STONE QUARRY (CHA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG,KHATA NO. 832/1, PLOT NO.277(P), KISSAM- MUNDIA, LAT- 20 05'49.46" TO 20 05'56.03" , LONG- 85 35'14.35" TO 85 35' 19.38"	
		HATIA BUILDING STONE QUARRY (THA) NIJIGADA TAPANG, MOUZA-NIJIGADATAPANG, KHATA NO.832/1, PLOT NO.277(P), KISSAM-MUNDIA , LAT- 20.096, LONG- 85.587	
		CHHATRAMA BUILDING STONE QUARRY (KA), CHHATRAMA,MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1821(P), KISSAM-PATITA , LAT- 20.106, LONG- 85.587	
		CHHATRAMA BUILDING STONE QUARRY (KHA), CHHATRAMA,MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1821(P), KISSAM-PATITA , LAT- 20.106, LONG- 85.587	

	KYA	CHHATRAMA BUILDING STONE QUARRY (GA), CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1821(P) , KISSAM-PATITA , LAT- 20.106, LONG- 85.587	DSS	
		KABAR (KA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1672(P) , KISSAM-PATITA, Lat- 20 06'27.76" to 20 06'33.85", Long- 85 34'38.14 to 85 34' 43.43"		
		KABAR (KHA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.-1499(P) , KISSAM-PATITA, Lat- 20 06'33.77" to 20 06'41.05, Long- 85 34'43.33" to 85 34'50.43"		
		KABAR (GA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1499(P) KISSAM - PATITA, LAT- 20.11, LONG- 85.578		
		KABAR (GHA) BUILDING STONE QUARRY, CHHATRAMA, MOUZA-CHHATRAMA, KHATA NO.401, PLOT NO.1678(P), KISSAM- PATITA, LAT- 20.108, LONG- 85.581		
		KALINGA BUILDING STONE QUARRY (KA) JHINKIJHARI,MOUZA-JHINKIJHARI, KHATA NO.602, PLOT NO.150(P) , KISSAM-GOCHARA , Lat- 20 06' 11.45" to 20 06'18.72" , Long- 85 35'10.31" to 85 35'21.54"		
		KALINGA BUILDING STONE QUARRY (KHA) JHINKIJHARI, MOUZA-JHINKIJHARI, KHATA NO.602, PLOT NO.150(P) , KISSAM-GOCHARA , Lat- 20 06'12.75" to 20 06'18.82" , Long- 85 35'03.81" to 85 35'10.89"		
	e-Comp	KALINGA BUILDING STONE QUARRY (GA) JHINKIJHARI, MOUZA-JHINKIJHARI, KHATA NO.602, PLOT NO.150(P), KISSAM-GOCHARA , Lat- 20 06'14.57" to 20 06'20.67" , Long- 85 35'10.31" to 85 35'21.54"		
		9		PARICHHAL BGS,MOUZA-PARICHHAL , KHATA- 373, PLOT- 725, KISSAM- PARBAT, LAT -20.095 , LONG- 85.516
		PARICHHAL BGS,MOUZA-PARICHHAL , MOUZA-PARICHHALA , KHATA- 373, PLOT- 702(P), KISSAM-PARBAT, LAT -20.094 , LONG-85.519		
		PARICHHAL BGS-726 , MOUZA-PARICHHAL , KHATA- 373, PLOT- 726, KISSAM- PARBAT, LAT -20.093 , LONG- 85.516		
		KALACHUA BUILDING STONE QUARRY (JHA), MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1517(P), KISSAM-PATITA, LAT- 20 05'50.42" TO 20 05'56.09", LONG- 85 30'36.34" TO 85 30'44.72"		
		KALACHUA NEW BUILDING STONE QUARRY(TA) DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1517(P) , KISSAM- PATITA, Lat- 20 05'45.91 to 20 05'56.07, long- 85 30 44.29" to 85 30'47.88"		
		KALACHUA BUILDING STONE QUARRY , DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1246(P), 1237(P) KISSAM- PATITA, LAT- 20 05'56.04" TO 20 06'03.43" , LONG- 85 30'37.76" TO 85 30'48.70"		

	KYA	KALACHUA NEW BUILDING STONE QUARRY (NION), MOUZA- DANGARPADA,KHATA NO.17, PLOT NO.1517(P), KISSAM-PATITA , LAT- 20 05'45.52" TO 20 05'50.95 , LONG- 85 30'37.25" TO 85 30'44.72"	DSS
		KALACHUA NEW BUILDING STONE QUARRY (CHHA), MOUZA-DANGARPADA,KHATA NO. 17 PLOT NO. 1517(P), KISSAM- PATITA, Lat-20 05'56.16 to 20 06'02.59, Long-85 30'32.59" to 85 30' 42.81	
		KALACHUA NEW BUILDING STONE QUARRY (CHA), MOUZA-DANGARPADA,KHATA NO.17, PLOT NO.1517,KISSAM- PATITA, LAT- 20 06'01.23" TO 20 06'08.71" , LONG- 85 30'31.63" TO 85 30'36.10"	
		KALCHUA NEW BUILDING STONE QUARRY (JA), MOUZA- DANGARPADA,KHATA NO.17, PLOT NO.1517, KISSAM- PATITA, LAT- 20 05'51.01" TO 20 05'56.03" , LONG- 85 30'31.92" TO 85 30'36.55"	
		KALACHUA NEW BUILDING STONE QUARRY (THA), MOUZA-DANGARPADA, KHATA NO. 17 PLOT NO. 1517(P), KISSAM- PTITA, LAT-20.097, LONG- 85.512	
		DANGRPADA WHITE BUILDING STONE QUARRY, DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1517(P), KISSAM- PTITA, LAT-20.097, LONG- 85.512	
		DANGARPADA NEW WHITE STONE QUARRY , MOUZA- DANGARPADA,KHATA NO.17, PLOT NO.1517(P) , KISSAM- PATITA , LAT- 20 05'52.68" TO 20 06'56.04", LONG- 85 30' 48.45" TO 85 30'51.55"	
		DANGARPADA NEW BUILDING STONE QUARRY (NORTH SIDE) DANGARPADA, MOUZA-DANGARPADA,KHATA NO.17, PLOT NO.1237(P), KISSAM-PATITA , LAT- 20 06'01.6" TO 20 06'08.7", LONG- 85 30'33.1" TO 85 30'40.1"	
		DANGARPADA BUILDING STONE QUARRY , DANGARPADA, MOUZA-DANGARPADA, KHATA NO.17, PLOT NO.1246(P), KISSAM-PATITA , LAT-20 05'56.04" TO 20 06'03.83, LONG- 85 30' 38.22 TO 85 30'48.55"	
	10	NAYAKOTA STONE QUARRY-632/1288, MOUZA- NAYAKOTE , KHATA-284/241, PLOT-632/1288, KISSAM- SARADA-III, LAT- 20°04'58.05828" TO 20°04'59.51194" , LONG-85°30'54.07083" TO 85°30'55.82473"	
	PARICHHAL STONE QUARRY (638), MOUZA- PARICHHAL, KHATA-373, PLOT- 638(3.875AC), 640(2.875), 642(4.5AC), KISSAM- PARBATA, LAT-20 5'44.112" TO 20 5'46.493" , LONG-85 31'13.741" TO 85 31'17.426"		

### Final Transportation Routes for individual leases and leases in Cluster

Lease No.	Transportation Route No.	Number of tippers/day of lease	Number of tippers/day of all the lease on route	Length of route in KM	Type of road(Black Topped/unpaved)	Recommendation for road (Black Topped/unpaved)	
A1	PANCHUKOT-A BOULDER QUARRY ,MOUZA-PANCHUKOT , KHATA- 231, PLOT-622, KISSAM- MUNDIA, LAT-20 9' 24.52" TO 20 9'29.12" , LONG- 85 14'37.36 TO 85 14' 41.08"	NH16	1	6	0.27	Black Topped	Black Topped
A2	GOBARDHANPUR-A BOULDER QUARRY,MOUZA- GOBARDHANPUR , KHATA-365, PLOT- 6(P),KISSAM-CHHOTA PAHAD , LAT-20 12'59.89" TO 20 12'55.75" , LONG- 85 13'04.00" TO 85 13'00.22"	NH16	1		6.2	Black Topped	Black Topped
A3	SAMPUR-A BOULDER QUARRY,MOUZA-SAMPUR , KHATA- 400, PLOT- 141, KISSAM- PAHADA, LAT - 20 12'11.30 TO 20 12' 12.89", LONG- 85 15'39.63" TO 85 15'41.37"	NH16	1		4	Black Topped	Black Topped
A4	KUSAPALLA BOULDER QUARRY,MOUZA-KUSAPALLI , KHATA- 495, PLOT- 683, KISSAM- PAHADA, LAT -20 08'57.26" TO 20 09'01.67" , LONG- 85 14'28.26" TO 85 14'32.05"	NH16	1		1.1	Black Topped	Black Topped
A5	GOBARDHANPUR BOULDER QUARRY-B,MOUZA- GOBARDHANPUR, KHATA- 365, PLOT- 96, KISSAM- SANATOLIA PAHADA, LAT -20.216374 TO 20.21676 , LONG- 85.221273 TO 85.221355	NH16	1		6.2	Black Topped	Black Topped
A6	SRICHANDANPUR BOULDER QUARRY,MOUZA- SRICHANDANPUR, KHATA- 562, PLOT- 1, KISSAM- PAHADA, LAT - 20.198 , LONG- 85.308	NH16	1		3	Black Topped	Black Topped

B1	NILAKANTHAPUR BOULDER QUARRY,MOUZA-NILAKANTHAPUR , KHATA- 68, PLOT- 79, KISSAM-PAHADA, LAT - 19.84, LONG- 85.259	NH16	1	2.5	Black Topped	Black Topped
B2	SULIAPALI STONE QUARRY,MOUZA-SULIAPALI , KHATA- 165, PLOT- 425, KISSAM-PAHADA, LAT - 19 49'41.19" TO 19 49'48.89", LONG-85 11'00.50" TO 85 11'11.66"	NH16	1	7	Black Topped	Black Topped
C1	JARIPUT BLACK STONE QUARRY-10,MOUZA-JARIPUT , KHATA- 296, PLOT- 1112/1, KISSAM-MUNDIA, LAT -19 51'22.5" TO 19 51'23.6" , LONG- 85 18'39.9" TO 85 18'41.4	NH16	1	0.32	Black Topped	Black Topped
C2	NAYAKOTA BLACK STONE QUARRY,MOUZA-NAYAKOTA , KHATA- 293, PLOT- 685, KISSAM-PAHAD, LAT -19 52' 39.67" TO 19 52'44.99" , LONG- 85 19'50.51" TO 85 19'54.93"	NH16	1	0.5	Black Topped	Black Topped
C3	BALARAM CHIPS METAL QUARRY,MOUZA-BALARAMPUR , KHATA- 272, PLOT- 46, KISSAM-MUNDIA, LAT -20.015 , LONG- 85.503	NH16	1	0.2	Black Topped	Black Topped
C4	JARIPUT BLACK STONE QUARRY-9,MOUZA-JARIPUT , KHATA- 296, PLOT- 1112/1, KISSAM-MUNDIA, LAT -19.864 , LONG- 85.306	NH16	1	1.4	Black Topped	Black Topped
C5	JARIPUT BLACK STONE QUARRY-11,MOUZA-JARIPUT , KHATA- 296, PLOT- 689, KISSAM-MUNDIA, LAT - 19 51'41.67" TO 19 51' 53.37" , LONG- 85 18'17.82" TO 85 18'24.305"	NH16	1	1.2	Black Topped	Black Topped
C6	BRUSHABANDHA BSQ-1,MOUZA-BRUSHABANDHA , KHATA- 214, PLOT- 554, KISSAM-MUNDIA, LAT - 19 52'35.9" TO 19 52'39.0" , LONG- 85 19'52.0" TO 85 19'55.6"	NH16	1	0.37	Black Topped	Black Topped
C7	BRUSHABANDHA BSQ-3 MOUZA-BRUSHABANDHA , KHATA- 214, PLOT- 554, KISSAM-MUNDIA, LAT - 19 52'34.0" TO 19 52'40.0" , LONG- 85 19'45.6" TO 85 19'52.6"	NH16	1	0.45	Black Topped	Black Topped

C8	BRUSHABANDHA BLACK METAL QUARRY- 5,MOUZA-BRUSABANDHA, KHATA-214,PLOT-554, KISSAM- PAHAD, LAT-19° 52'30.67 TO 19° 52' 36.22N , LONG- 85° 19'39.83" TO 85° 19' 44.31"	NH16	1	0.65	Black Topped	Black Toppe
C9	JAYMANGALPUR BSQ-3,MOUZA-JAYMANGALPUR, KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT -19.859 , LONG-85.311	NH16	1	0.6	Black Topped	Black Toppe
C10	JAYMANGALPUR BSQ-2,MOUZA-JAYMANGALPUR, KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT - 19.859, LONG- 85.311	NH16	1	0.6	Black Topped	Black Toppe
C11	JARIPUT BLACK STONE QUARRY-D, MOUZA-JARIPUT , KHATA- 296, PLOT- 1112(P), KISSAM-MUNDIA, LAT - 19 51'20.7" TO 19 51' 25.1" , LONG- 85 18'33.2" TO 85 18'36.6"	NH16	1	0.5	Black Topped	Black Toppe
C12	JARIPUR BLACK STONE QUARRY-C MOUZA-JARIPUT , KHATA- 296, PLOT- 1112(P),1061, KISSAM-MUNDIA, LAT -19 51'24.5" TO 19 51' 28.7" , LONG- 85 18'37.1" TO 85 18'42.7	NH16	1	0.5	Black Topped	Black Toppe
C13	JARIPUT BLACK STONE QUARRY-A,MOUZA-JARIPUT , KHATA- 296, PLOT- 1112(P), KISSAM-MUNDIA, LAT - 19 51'18.5" TO 19 51'23.7" , LONG- 85 18'36.7" TO 85 18'39.7"	NH16	1	0.35	Black Topped	Black Toppe
C14	JARIPUT BLACK STONE QUARRY-B MOUZA-JARIPUT , KHATA- 296, PLOT- 1112(P), KISSAM-MUNDIA, LAT -19 51'22.5" TO 19 51' 26.4" , LONG- 85 18'36.7" TO 85 18'43.6"	NH16	1	0.4	Black Topped	Black Toppe
C15	JAYAMANGALPUR BSQ-1,MOUZA-JAYMANGALPUR , KHATA- 432, PLOT- 1632(P), KISSAM-MUNDIA, LAT -19.859 , LONG- 85.311	NH16	1	0.6	Black Topped	Black Toppe
C16	DAMANABHIN BSQ-1,MOUZA-DAMANBHUI, KHATA-706, PLOT-887, KISSAM- PATHARABANI ,LAT- 20 03' 43.413 TO 20 03' 44.880, LONG- 85 31'54.24 TO 85 31'55.747	NH16	1	1.3	Black Topped	Black Toppe

C17	BHRUSABANDHA BLACK STONE QUARRY-6,MOUZA-BHRUSABANDHA , KHATA- 214, PLOT- 554, KISSAM-MUNDIA, LAT - 19 52' 34.00 TO 19 52' 40.00 , LONG- 85 19'45.6 TO 85 19'52.6	NH16	1		0.46	Black Topped	Black Toppe
C18	DAMANBHUIIN BSQ-2,MOUZA-DAMANBHUIIN, KHATA-149, PLOT- 878, KISAM- BIALI ,LAT- 20 03' 45.876 TO 20 03' 47.300 , LONG- 85 31'56.753 TO 85 31'58.216	NH16	1		1.4	Black Topped	Black Toppe
C19	NAYAKOTA STONE QUARRY- 632/1288 Mouza-Nayakote , Khata-284/241, Plot-632/1288, Kissam- Sarada-III, Lat- 20°04'58.05828" to 20°04'59.51194" , Long-85°30'54.07083" to 85°30'55.82473"	NH16	1		4.2	Black Topped	Black Toppe
C20	JAYMANGALPUR STONE QUARRY- 81,Mouza-Jayamangalpur , Khata-381/307, Plot-81, Kissam-Puratana Patita, Lat-19°52'45.7034 7" to 19°52'48.21847" , Long- 85°18'37.43594" to 85°18'40.99457"	NH16	1	11	2.3	Black Topped	Black Toppe
D1	BERAHAMPURA ROAD METAL QUARRY, MOUZA- BERAHAMPURA , KHATA- 329, PLOT- 2, KISSAM-PARBAT, LAT - 20 09'05.7" TO 20 09'11.5" , LONG- 85 37'19.5" TO 85 37'28.6"	NH16	1			Black Topped	Black Toppe
D2	Sankhari East-West Building Stone Quarry (Ka), MOUZA-KAIPADAR, Khata No.849, Plot No.3502(P) KISSAM-Patita(Pahad), LAT- 20 06'27.58" TO 20 06'33.66" , LONG- 85 33'04.23" TO 85 33'17.75"	NH16	1		2	Black Topped	Black Toppe
D3	Sankhari East West new Building stone quarry (KHA), kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.3502(P) , KISSAM-Patita(Pahad), LAT-20.105 , LONG-85.554	NH16	5		2	Black Topped	Black Toppe
D4	Sankhari East West Building Stone Quarry (Ga), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 3502(P), KISSAM-Patita(Pahad) , LAT- 20 06'19.36" TO 20 06'27.69" , LONG- 85 33'09.92" 85 33'15.63"	NH16	5	29	2	Black Topped	Black Toppe

D5	Sankhari East West Building Stone Quarry (Gha), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 3502(P), KISSAM-Patita(Pahad) , LAT- 20 06'19.36" TO 20 06'27.62" , LONG- 85 33'15.19" TO 85 33'24.34"	NH16	6		2	Black Topped	Black Toppe
D6	Sankhari South New Building Stone Quarry (Cha), Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 3502(P) , KISSAM - Patita(Pahad) , LAT-20 06'10.84 TO LONG- 85 33'09.79" TO 85 33'14.98"	NH16	5		2	Black Topped	Black Toppe
D7	Sankhari South New Building Stone Quarry (Chha)Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 3502(P), KISSAM-Patita(Pahad) , LAT- 20 06'09.92 TO 20 06'16.50" , LONG- 85 33'14.83" TO 85 33'25.61"	NH16	6		2	Black Topped	Black Toppe
D8	Sankhari South New Building Stone Quarry , Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.3502(P) , KISSAM-Patita(Pahad), LAT-20 06'10.4" TO 20 06'13.3" , LONG- 85 33'14.3" TO 85 33'19.2"	NH16	1		2	Black Topped	Black Toppe
D9	Sankhari South New Building Stone Quarry (KA), Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.3502(P) , KISSAM-Patita(Pahad) , LAT- 20 06'15.21" to 20 06'20.42" , LONG- 85 33'08.38" to 85 33'14.68"	NH16	1		2	Black Topped	Black Toppe
D10	KAIPADAR New Building Stone Quarry (KA) , Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.2825(P) & 2867 (p), KISSAM-Patita , LAT- 20 06'37.2" TO 20 06'46.5" , LONG- 85 33'41.5" TO 85 33'51.5"	NH16	5		1.5	Black Topped	Black Toppe
D11	Dhania Building Stone Quarry (E), Kaipadar, KAIPADAR, Khata No.849, Plot No.2847(P) ,Kissam-Patita(Pahad) , Lat-20 06'42.51" to 20 06'46.60" , Long-85 34'07.19 to 85 34'13.61	NH16	1	22	0.7	Black Topped	Black Toppe

D12	Dhanin New Building Stone quarry(F), Kaipadar,MOUZA-KAIPADAR, Khata No.849, Plot No. 2847(P) , kissam- Patita(Pahad), Lat-20 06'37.68" to 20 06'43.62" , Long- 85 34' 04.37" to 85 34' 12.79"	NH16	2		0.97	Black Topped	Black Toppe
D13	Dhanin West Building Stone Quarry (Ga),Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 2825 (P), kissam- Patita(pahad), Lat- 20.105, Long- 85.554	NH16	2		1.6	Black Topped	Black Toppe
D14	Dhanin West Building Stone Quarry (GHA) Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 2825(P) & 2900(P) , KISSAM- Patita , LAT- 20 06'38.51" TO 20 06'41.07" , LONG- 85 33'34.09" TO 85 33'41.51"	NH16	1		1.6	Black Topped	Black Toppe
D15	Dhanin New Building Stone Quarry Uttara Taraf (TA) Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2847(P) , KISSAM-Not Found , LAT- 20 06'41.59" TO 20 06'48.73" , LONG- 85 33'53.58" TO 85 33'59.88"	NH16	5		1.1	Black Topped	Black Toppe
D16	Dhanin New Building Stone Quarry Utar Taraf (DA), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No. 2825(P) , Kissam-Patita , Lat- 20.105 , Long- 85.554	NH16	6		1.3	Black Topped	Black Toppe
D17	Dhanin South East New Building Stone Quarry, Kaipadar, mouza-kaipadar, Khata No.849, Plot No. 2864(P) , KISSAM-Patita(Pahad), LAT- 20 06.33.38" TO 20 06'38.55", LONG- 85 33'51.79" TO 85 33'57.45"	NH16	3		1.1	Black Topped	Black Toppe
D18	Dhanin New Building Stone Quarry (JA) Kaipadar, MOUZA-KAIPADAR, Khata No.849,Plot No.2864(P), Kissam-Patita(Pahad) , lat- 20 06'33.23" to 20 06'38.37", long- 85 33'56.69" to 85 34'02.10"	NH16	2		0.96	Black Topped	Black Toppe
D19	Dhanin New Building Stone Quarry South East (Chha), Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.2864(P) , kissam-Patita(Pahad) , Lat- 20 06'26.16"to 20 06' 33.34" Long- 85 33'57.02" to 85 34' 07.05"	NH16	6	30	0.75	Black Topped	Black Toppe

D20	Dhania West New Building Stone Quarry (Kha)Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2900(P) , Kissam-Patita , Lat -20 06'42.15" to 20 06'46.6 , Long- 85 33'34.21" to 85 33'36.75"	NH16	1		1.5	Black Topped	Black Toppe
D21	Dhania New Building Stone Quarry North Side (Tha),Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2847(P) , Kissam-patita(Pahad), Lat- 20.112, Long- 85.567	NH16	1		0.95	Black Topped	Black Toppe
D22	Dhania New Building Stone Quarry Uttar Taraf (Una),Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2847(P), Kissam-patita(Pahad) , LAT- 20 06'40.28" TO 20 06'48.38", LONG- 85 33'00.34 TO 85 34'07.10"	NH16	9		0.84	Black Topped	Black Toppe
D23	Dhania New Building Stone Quarry East Side (Cha), Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No. 2864(P), KISSAM-patita(Pahad), LAT- 20 06'31.02" TO 20 06'38.02" , LONG- 85 34'00.85" TO 85 34'09.18"	NH16	6		0.72	Black Topped	Black Toppe
D24	Hafia New building Stone Quarry (Chha) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No. 832/1, Plot No.277(P) , KISSAM-Mundia , LAT-20 05'41.92" TO 05'49.17", LONG-85 35'02.60" T O 85 35'08.79"	NH16	4		1.5	Black Topped	Black Toppe
D25	Hafia New Building Stone Quarry (JA) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.,832/1, Plot No. 277(P), Kissam-Mundia, Lat- 20 05'40.82 to 20 05'47.41 Long- 85 35'09.27 to 85 35'13.60,	NH16	3		1.7	Black Topped	Black Toppe
D26	Hafia New Building Stone Quarry (GHA) Nijigadatapang,MOUZA-KAIPADAR, Khata No. 832/1, Plot No.277(P), KISSAM- Unnata Yajana Jyogya , LAT- 20 05'49.49" TO 20 05'57.03", LONG- 85 35'05.66" TO 85 35'10.49"	NH16	3	21	1.5	Black Topped	Black Toppe

D27	Kaipadar New Building Stone Quarry, Kaipadar, MOUZA-KAIPADAR, Khata No.849, Plot No.2825(P), KISSAM- Patita, Lat-20.113, Long-85.563	NH16	6		1.8	Black Topped	Black Toppe
D28	Hafia New Building Stone Quarry (Jha) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.832/1, Plot No.277(P), KISSAM-Mundia, LAT- 20 05'40.79" TO 20 05'47.84" , LONG- 85 35'13.49" TO 85 35'17.84"	NH16	3		1.7	Black Topped	Black Toppe
D29	Golaputkhua Building Stone Quarry (KHA), Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.832/1, Plot No. 953(P) , KISSAM-Mundia, Lat- 20 05'17.07 to 20 05'23.75, Long- 85 34'41.41 to 85 34'50.23	NH16	2		1.3	Black Topped	Black Toppe
D30	Dhania West Building Stone Quarry (Ka) Kaipadar, MOUZA-KAIPADAR, Khata No. 849, Plot No.2900(P),2825(P), KISSAM-Patita , LAT- 20 06'33.74" TO 20 06'38.71" , LONG- 85 33'32.81" TO 85 33'42.04"	NH16	1		1.5	Black Topped	Black Toppe
D31	New Building Stone Quarry (Kha) Kaipadar,MOUZA-KAIPADAR,Khata No. 849, Plot No.2864(P) , KISSAM-Patita(Pahad) , Lat- 20 06'26.60 to 20 06'33, long- 85 33'50.99 to 85 33'57.99	NH16	3		0.95	Black Topped	Black Toppe
D32	White Stone Quarry, Kijhari, MOUZA-KIAJHARI ,Khata No.320, Plot No.755(P) , KISSAM-Bagayat-II, Lat- 20.089, Long- 85.578	NH16	1		1.1	Black Topped	Black Toppe
D33	Duburi New Building Stone Quarry , Nijigada Tapang,MOUZA-NIJIGADATAPANG ,Khata No.832/1, Plot No.944(P), KISSAM-Mundia, LAT- 20 05'25.99" TO 20 05'30.81" , LONG- 85 34'40.01" TO 85 34'50.20"	NH16	1		1	Black Topped	Black Toppe
D34	Hafia New Building Stone Quarry (GA) Nijigada Tapang, MOUZA-NIJIGADATAPANG ,Khata no.832/1, Plot no.276(P), 277(P), KISSAM- Puratana patita, LAT- 20 05'41.24 TO 20 05'45.54" , LONG- 85 34'57.54" TO 85 35'01.95"	NH16	1	10	1.3	Black Topped	Black Toppe

D35	Hatia New Building Stone Quarry (TA) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No. 832/1, Plot No.277(P) , Kissam-Mundia, Lat- 20 05'41.35" to 20 05'49.36", Long- 85 35'17.77" to 85 35'24.98"	NH16	1		2	Black Topped	Black Toppe
D36	New Building Stone Quarry , Kaipadar (Ga),MOUZA-KAIPADAR ,Khata No. 849, Plot No.3502(P) ,Kissam-Patita(Pahad), Lat- 20 06'12.05" to 20 06'15.51, Long- 85 33'24.99 to 85 33'21.31	NH16	1		2	Black Topped	Black Toppe
D37	Sankhari New Building Stone Quarry Jodaamba (Gha) Kaipadar, MOUZA-KAIPADAR ,Khata No.849, Plot No.3502(P) , Kissam-Patita(Pahad), Lat- 20 06'14.54" to 20 06'18.48", Long- 85 33'16.07" to 85 33'25.09"	NH16	1		2	Black Topped	Black Toppe
D38	Hanumantia Building Stone Quarry (Ga), Malipada, MOUZA-MALIPADA, Khata No.726/2, Plot No. 9(P) , KISSAM-Patita , LAT-20 05'59.00" TO 20 06'01.19", LONG- 85 32'31.39" TO 85 32'34.80"	NH16	1		3	Black Topped	Black Toppe
D39	Hatia Building Stone Quarry (Ka), Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.832/1, Plot No.276(P) ,Kissam-Puratana Patita, lat- 20 05'45.4" to 20 05'50.2", Long- 85 34'57.6" to 85 35' 01.0"	NH16	1		1.3	Black Topped	Black Toppe
D40	Hatia Building Stone Quarry (Una) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No.832/1, Plot No.277(P), KISSAM-Mundia , LAT- 20 05' 49.53" TO 20 05'56.94 , LONG- 85 35' 09.98" TO 85 35'14.70"	NH16	4		1.6	Black Topped	Black Toppe
D41	Hatia New building Stone Quarry (Cha) Nijigada Tapang, MOUZA-NIJIGADATAPANG, Khata No. 832/1, Plot No.277(P), KISSAM-Mundia, LAT- 20 05'49.46" TO 20 05'56.03" , LONG- 85 35'14.35" TO 85 35' 19.38"	NH16	3	16	1.7	Black Topped	Black Toppe

D42	White Stone quarry , Malipada, MOUZA-MALIPADA, Khata No.726/2, Plot No.9(P), Kissam-PATITA, Lat- 20.1, Long-85.543	NH16	1		3	Black Topped	Black Toppe
D43	Hanumantia Building Stone Quarry , Malipada,MOUZA-MALIPADA, Khata No.726/2, Plot No. 9(P) , Kissam-PATITA , Lat-20.1, Long-85.543	NH16	1		3	Black Topped	Black Toppe
D44	Golaputkhua Building Stone Quarry (KA), Kijhari,MOUZA-Kijhari, Khata no.-320, Plot no.1947(P), Kissam-Patita, lat- 20 05'00.48 to 20 05'17.75 Long-85 34'25.07 to 85 34'47.22	NH16	6		1.3	Black Topped	Black Toppe
D45	Hatia Building Stone Quarry (THA) Nijigada Tapang,MOUZA-NIJIGADATAPANG, Khata no.832/1, Plot no.277(P), Kissam-Mundia , Lat- 20.096, Long- 85.587	NH16	1		1.7	Black Topped	Black Toppe
D46	Chhatrama Building Stone Quarry (Ka), Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1821 (P), Kissam-Patita , Lat-20.106, Long- 85.587	NH16	1		1.4	Black Topped	Black Toppe
D47	Chhatrama Building Stone Quarry (Kha), Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1821 (P), Kissam-Patita , Lat-20.106, Long- 85.587	NH16	1		1.4	Black Topped	Black Toppe
D48	Chhatrama Building Stone Quarry (Ga), Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1821 (P) , Kissam-Patita , Lat-20.106, Long- 85.587	NH16	1		1.4	Black Topped	Black Toppe
D49	Kalinga Building Stone Quarry (Ka) Jhinkijhari, MOUZA-JHINKIJHARI, Khata no.602, Plot no.150(P) , Kissam-Gochara , Lat-20 06'11.45" to 20 06'18.72" , Long- 85 35'10.31" to 85 35'21.54"	NH16	1		1.2	Black Topped	Black Toppe
D50	Kalinga Building Stone Quarry (Kha) Jhinkijhari, MOUZA-JHINKIJHARI, Khata no.602, Plot no.150(P) , Kissam-Gochara , Lat-20 06'12.75" to 20 06'18.82" , Long- 85 35'03.81" to 85 35'10.89"	NH16	1	10	1.2	Black Topped	Black Toppe

D51	Kalinga Building Stone Quarry (Ga) Jhinkijhari, MOUZA-JHINKIJHARI, Khata no.602, Plot no.150(P), Kissam-Gochara , Lat-20 06'14.57" to 20 06'20.67" , Long- 85 35'10.31" to 85 35'21.54"	NH16	1		0.67	Black Topped	Black Toppe
D52	Sankhari Dhobi (Uan) Building Stone Quarry , MOUZA-KAIPADAR, Khata no.849, Plot no.3502(P), Kissam-Patita(Pahad) , Lat-20.104, Long- 85.585	NH16	1		1.2	Black Topped	Black Toppe
D53	Tangeni Building Stone Quarry, Kaipadar, MOUZA-KAIPADAR, Khata no.849, Plot no.3222(P) , Kissam-Patita(Pahad) , Lat-20.06'27.15" to 20 06'44.81" , Long- 85 32'51.96" to 85 33'05.30"	NH16	2		7.5	Black Topped	Black Toppe
D54	Kabar (Ka) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1672(P) , Kissam-Patita, Lat- 20 06'27.76" to 20 06'33.85", Long- 85 34'38.14 to 85 34'43.43"	NH16	1		5.7	Black Topped	Black Toppe
D55	Kabar (Kha) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.-1499(P) , Kissam-Patita, Lat- 20 06'33.77" to 20 06'41.05, Long- 85 34'43.33" to 85 34'50.43"	NH16	1		5.6	Black Topped	Black Toppe
D56	Kabar (Ga) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1499(P) Kissam - Patita, Lat-20.11, Long- 85.578	NH16	1		5.6	Black Topped	Black Toppe
D57	Kabar (Gha) Building Stone Quarry, Chhatrama, MOUZA-CHHATRAMA, Khata no.401, Plot no.1678(P), Kissam- Patita, Lat-20.108, Long- 85.581	NH16	1		5.7	Black Topped	Black Toppe
D58	Sankhari South Black Stone (Ga), Kaipadar, MOUZA-KAIPADAR, Khata no.849, Plot no.3502(P) Kissam-Patita(Pahad) , Lat-20.104, , Long- 85.554	NH16	1		7.6	Black Topped	Black Toppe
D59	Sankhari South Black Stone (Kha), Kaipadar, MOUZA-KAIPADAR, Khata no.849, Plot no.3502(P), Kissam-Patita(Pahad) , Lat-20.104, , Long- 85.554	NH16	1	11	7.6	Black Topped	Black Toppe

D60	Narsinghprasad White Stone Quarry, Narsinghprasad, MOUZA-NARASINGHPRASAD, Khata No.377/6, Plot No.9(P) , Kissam-Pafita, Lat- 20.079, Long- 85.581	NH16	1		8.7	Black Topped	Black Topped
D68	Dhania New Building Stone Quarry Middle (Jha) ,KAIPADAR,14/18,Mouza-Kaipadar ,Khata no-849,Plot no-2847(P),Kissam-,Lat-20°06 '37.98" to 20°06'41.92" ,Long -85°33'53.58" to 85°34'06.13"	NH16	4		1.3	Black Topped	Black Topped
D61	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-1247/473 & 1247/470, Plot-3126 & 3178,Kissam- Bagayat-II, Lat-20°06'28.31908" to 20°06'35.87876" , Long-85°33'06.94849" to 85°33'21.24364" , Area- 1.25Ac	NH16	1		7.3	Black Topped	Black Topped
D62	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-41, Plot-3100,3106,Kissam- Bagayat-II(Amba), Lat- 20°06'28.31908" to 20°06'35.87876" , Long-85°33'06.94849" to 85°33'21.24364"	NH16	1		7.2	Black Topped	Black Topped
D63	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-825, Plot-2822,Kissam- Bagayat-II(Amba), Lat-20°06'50.06506" to 20°06'53.17883" , Long-85°18'37.43594" to 85°18'40.79838"	NH16	1		6.3	Black Topped	Black Topped
D64	JHINIKJHARI STONE QUARRY, Mouza-Jhinikjhari , Khata-244,242, Plot-143,211, 96,148, 149,213,152,97 ,113,116 Kissam-sadara & puratana pafita, Lat-20.101 , Long- 85.581	NH16	1		8.3	Black Topped	Black Topped
D65	Kaipadar Stone Quarry, Mouza-Kaipadar , Khata-959, Plot-3225, Kissam- Bagayat-2, Lat-20°06'41.269" to 20°06'44.383" , Long-83°32'55.465" to 83°32'58.712"	NH16	1		7.5	Black Topped	Black Topped
D66	Kiajhari-1 Stone Quarry, Mouza-Kiajhari , Khata-59 & 58, Plot-1856 & 1858, Kissam- Bagayat-2, Lat-20°05'3.208" to 20°05'7.285" , Long-85°34'16.604" to 85°34'20.771"	NH16	1	14	8.3	Black Topped	Black Topped

D67	Kiajhari-2 Stone Quarry, Mouza-Kiajhari , Khata-59 & 59, Plot-1875 1873, KISSAM- Bagayat-2, Lat- 20°05'2.817" to 20°05'7.402" , Long-85°34'19.755" to 85°34'24.551"	NH16	1		8.3	Black Topped	Black Toppe
E1	PARICHHAL BGS, PLOT NO. 725, MOUZA-PARICHHAL , KHATA- 373, PLOT- 725, KISSAM- PARBAT, LAT - 20 05'41.37 TO 20 05'45.8" , LONG- 85 30'56.99" TO 85 31'04.38"	NH16	2		5.3	Black Topped	Black Toppe
E2	PARICHHAL BGS, PLOT NO. 702,MOUZA-PARICHHALA , KHATA- 373, PLOT- 702(P), KISSAM- PARBAT, LAT -20.094 , LONG- 85.519	NH16	2		4.8	Black Topped	Black Toppe
E3	PARICHHAL BGS-726 ,MOUZA- PARICHHAL , KHATA- 373, PLOT- 726, KISSAM- PARBAT, LAT - 20.093 , LONG- 85.516	NH16	2		5	Black Topped	Black Toppe
E4	Kalachua Building Stone Quarry (Jha), MOUZA-DANGARPADA, Khata No.17, Plot No.1517(P), KISSAM-Patita, LAT- 20 05'50.42" TO 20 05'56.09" , LONG- 85 30'36.34" TO 85 30'44.72"	NH16	1		5.1	Black Topped	Black Toppe
E5	Kalachua New Building Stone Quarry(TA) Dangarpada, MOUZA-DANGARPADA, Khata No.17, Plot No.1517(P) , kissam- Patita, Lat- 20 05'45.91 to 20 05'56.07, long- 85 30 44.29" to 85 30'47.88"	NH16	3		5.7	Black Topped	Black Toppe
E6	Samantarapur New Building Stone Quarry , MOUZA-SAMANTARAPUR, Khata No.349/1, Plot No. 1250(P),1251 (P) , KISSAM-Patita, LAT-20 06'01.08" TO 20 06'04.0" , LONG- 85 30'49.5" TO 85 30'52.7"	NH16	2		3.6	Black Topped	Black Toppe
E7	Kalachua Building Stone Quarry , Dangarpada,MOUZA-DANGARPADA, Khata No.17, Plot No.1246(P), 1237(P) KISSAM-Patita, LAT- 20 05'56.04" TO 20 06'03.43" , LONG- 85 30'37.76" TO 85 30'48.70"	NH16	1	12	5.5	Black Topped	Black Toppe

E8	Dangarpada Building Stone Quarry , Dangarpada, MOUZA-DANGARPADA, Khata No.17, Plot No.1246(P), KISSAM-Patita , LAT-20 05'56.04" TO 20 06'03.83, LONG-85 30' 38.22 TO 85 30'48.55"	NH16	3	5	5.8	Black Topped	Black Toppe
E9	Dangarpada New Building Stone Quarry (North Side) Dangarpada,MOUZA-DANGARPADA,Khata No.17, Plot No.1237(P), KISSAM-Patita , LAT-20 06'01.6" TO 20 06'08.7", LONG-85 30'33.1" TO 85 30'40.1"	NH16	1		5.6	Black Topped	Black Toppe
E10	Kalachua New Building Stone Quarry (Nion), MOUZA-DANGARPADA,Khata No.17, Plot No.1517(P), KISSAM-Patita , LAT-20 05'45.52" TO 20 05'50.95 , LONG- 85 30'37.25" TO 85 30'44.72"	NH16	2		6	Black Topped	Black Toppe
E11	Kalachua New building Stone Quarry (Chha), MOUZA-DANGARPADA,Khata No. 17 plot No. 1517(P), kissam- Patita, Lat-20 05'56.16 to 20 06'02.59, Long-85 30'32.59" to 85 30' 42.81	NH16	2		5.4	Black Topped	Black Toppe
E12	Kalachua New Building Stone Quarry (Cha), MOUZA-DANGARPADA,Khata No.17, Plot No.1517,KISSAM- Patita, LAT- 20 06'01.23" TO 20 06'08.71" , LONG-85 30'31.63" TO 85 30'36.10"	NH16	1		5.2	Black Topped	Black Toppe
E13	Kalchua New Building Stone Quarry (Ja), MOUZA-DANGARPADA,Khata No.17, Plot No.1517, KISSAM-Patita, LAT- 20 05'51.01" TO 20 05'56.03" , LONG-85 30'31.92" TO 85 30'36.55"	NH16	2		5.7	Black Topped	Black Toppe
E14	Dangarpada New White Stone Quarry , MOUZA-DANGARPADA,Khata No.17, Plot No.1517(P) , KISSAM-Patita , LAT-20 05'52.68" TO 20 06'56.04", LONG- 85 30' 48.45" TO 85 30'51.55"	NH16	1		5.5	Black Topped	Black Toppe
E15	Kalachua New Building Stone Quarry (Tha), MOUZA-DANGARPADA, Khata No. 17 plot No. 1517(P), Kissam- Ptita, Lat-20.097, Long- 85.512	NH16	1		5.1	Black Topped	Black Toppe

E16	Dangrpada White Building Stone Quarry, Dangarpada,MOUZA-DANGARPADA, Khata no.17, Plot no.1517(P), Kissam- Pfita, Lat-20.097, Long- 85.512	NH16	1	5.2	Black Topped	Black Toppe
E17	PARICHHAL STONE QUARRY (638), MOUZA- PARICHHAL, KHATA-373, PLOT- 638(3.875AC), 640(2.875), 642(4.5AC), KISSAM- PARBATA, LAT-20 5'44.112" TO 20 5'46.493", LONG-85 31'13.741" TO 85 31'17.426"	NH16	1	5.1	Black Topped	Black Toppe
E18	PARICHALA STONE QUARRY (731),MOUZA- PARICHHAL,KHATA-373, PLOT- 731, KISSAM-PARBAT, LAT -, LONG	NH16	1	5.3	Black Topped	Black Toppe

Cluster No.	Transportation Route No.	Number of tippers/day of cluster	Number of tippers/ day of all the cluster on route	Length of route in KM	Type of road (Black Topped/unpaved)	Recommendation for road (Black Topped/unpaved)	The road w Constructe Govt/Lease
1	NH16	1	2	0.27	Black Topped	Black Topped	Govt
	NH16	1		1.1	Black Topped	Black Topped	Govt
2	NH16	1	2	6.2	Black Topped	Black Topped	Govt
	NH16	1		6.2	Black Topped	Black Topped	Govt
3	NH16	1	10	0.32	Black Topped	Black Topped	Govt
	NH16	1		1.4	Black Topped	Black Topped	Govt
	NH16	1		1.2	Black Topped	Black Topped	Govt
	NH16	1		0.5	Black Topped	Black Topped	Govt
	NH16	1		0.5	Black Topped	Black Topped	Govt
	NH16	1		0.35	Black Topped	Black Topped	Govt
	NH16	1		0.4	Black Topped	Black Topped	Govt
	NH16	1		0.6	Black Topped	Black Topped	Govt
	NH16	1		0.6	Black Topped	Black Topped	Govt
4	NH16	1	5	0.37	Black Topped	Black Topped	Govt
	NH16	1		0.45	Black Topped	Black Topped	Govt
	NH16	1		0.65	Black Topped	Black Topped	Govt
	NH16	1		0.46	Black Topped	Black Topped	Govt
	NH16	1		0.5	Black Topped	Black Topped	Govt
5	NH16	2	7	7.7	Black Topped	Black Topped	Govt
	NH16	1		7.6	Black Topped	Black Topped	Govt
	NH16	1		7.5	Black Topped	Black Topped	Govt
	NH16	1		8.3	Black Topped	Black Topped	Govt
	NH16	1		7.5	Black Topped	Black Topped	Govt
	NH16	1		8.3	Black Topped	Black Topped	Govt
6	NH16	1		2	Black Topped	Black Topped	Govt

	NH16	5		2	Black Topped	Black Topped	Govt
	NH16	5		2	Black Topped	Black Topped	Govt
	NH16	6		2	Black Topped	Black Topped	Govt
	NH16	5		2	Black Topped	Black Topped	Govt
	NH16	6		2	Black Topped	Black Topped	Govt
	NH16	1		2	Black Topped	Black Topped	Govt
	NH16	1		2	Black Topped	Black Topped	Govt
	NH16	1		2	Black Topped	Black Topped	Govt
	NH16	1		7.6	Black Topped	Black Topped	Govt
	NH16	1		7.6	Black Topped	Black Topped	Govt
	NH16	1		2	Black Topped	Black Topped	Govt
	NH16	1		7.3	Black Topped	Black Topped	Govt
	NH16	1		7.2	Black Topped	Black Topped	Govt
	NH16	1		6.3	Black Topped	Black Topped	Govt
	NH16	1		7.5	Black Topped	Black Topped	Govt
	NH16	1		7.5	Black Topped	Black Topped	Govt
	NH16	5		1.5	Black Topped	Black Topped	Govt
	NH16	6		1.8	Black Topped	Black Topped	Govt
	NH16	1		0.7	Black Topped	Black Topped	Govt
	NH16	2	104	0.97	Black Topped	Black Topped	Govt
	NH16	2		1.6	Black Topped	Black Topped	Govt
	NH16	1		1.6	Black Topped	Black Topped	Govt
	NH16	5		1.1	Black Topped	Black Topped	Govt
	NH16	6		1.3	Black Topped	Black Topped	Govt
	NH16	3		1.1	Black Topped	Black Topped	Govt
	NH16	2		0.96	Black Topped	Black Topped	Govt
	NH16	6		0.75	Black Topped	Black Topped	Govt
	NH16	1		1.5	Black Topped	Black Topped	Govt
	NH16	1		0.95	Black Topped	Black Topped	Govt
	NH16	9		0.84	Black Topped	Black Topped	Govt
	NH16	6		0.72	Black Topped	Black Topped	Govt
	NH16	2		1.5	Black Topped	Black Topped	Govt
	NH16	4		1.3	Black Topped	Black Topped	Govt
	NH16	3		0.95	Black Topped	Black Topped	Govt
	NH16	4	6	1.5	Black Topped	Black Topped	Govt
	NH16	2		1.7	Black Topped	Black Topped	Govt
	NH16	3		1.5	Black Topped	Black Topped	Govt
	NH16	3		1.7	Black Topped	Black Topped	Govt
	NH16	1		1.3	Black Topped	Black Topped	Govt
	NH16	1		2	Black Topped	Black Topped	Govt
7	NH16	1		1.3	Black Topped	Black Topped	Govt
	NH16	4		1.6	Black Topped	Black Topped	Govt
	NH16	3		1.7	Black Topped	Black Topped	Govt
	NH16	1		1.7	Black Topped	Black Topped	Govt
	NH16	1	27	1.4	Black Topped	Black Topped	Govt
	NH16	1		1.4	Black Topped	Black Topped	Govt
	NH16	1		1.4	Black Topped	Black Topped	Govt
	NH16	1		5.7	Black Topped	Black Topped	Govt

	NH16	1		5.6	Black Topped	Black Topped	Govt
	NH16	1		5.6	Black Topped	Black Topped	Govt
	NH16	1		5.7	Black Topped	Black Topped	Govt
	NH16	1		1.2	Black Topped	Black Topped	Govt
	NH16	1		1.2	Black Topped	Black Topped	Govt
	NH16	1		0.67	Black Topped	Black Topped	Govt
8	NH16	1	3	3	Black Topped	Black Topped	Govt
	NH16	1		3	Black Topped	Black Topped	Govt
	NH16	1		3	Black Topped	Black Topped	Govt
9	NH16	2	23	5.3	Black Topped	Black Topped	Govt
	NH16	1		4.8	Black Topped	Black Topped	Govt
	NH16	1		5	Black Topped	Black Topped	Govt
	NH16	1		5.1	Black Topped	Black Topped	Govt
	NH16	3		5.7	Black Topped	Black Topped	Govt
	NH16	1		5.5	Black Topped	Black Topped	Govt
	NH16	2		6	Black Topped	Black Topped	Govt
	NH16	2		5.4	Black Topped	Black Topped	Govt
	NH16	1		5.2	Black Topped	Black Topped	Govt
	NH16	2		5.7	Black Topped	Black Topped	Govt
	NH16	1		5.1	Black Topped	Black Topped	Govt
	NH16	1		5.2	Black Topped	Black Topped	Govt
	NH16	1		5.5	Black Topped	Black Topped	Govt
10	NH16	1	2	5.6	Black Topped	Black Topped	Govt
	NH16	3		5.8	Black Topped	Black Topped	Govt
	NH16	1		4.2	Black Topped	Black Topped	Govt
	NH16	1		5.1	Black Topped	Black Topped	Govt
	NH16	1		5.1	Black Topped	Black Topped	Govt

  
 Mining Officer (I/c)  
 O/o. Deputy Director Mines  
 Khordha Circle, Khordha

## Certification regarding preparation of DSR

The District Survey Report for all Minor Minerals & Specified Minor Minerals in respect of Khordha District is in accordance with Appendix-X. (I)-for River Sand & (II)- for other than River Sand of S.O. 3611 (E) dt. 25.07.2018 of Ministry of Environment, Forest and Climate Change, New Delhi, Enforcement & Monitoring Guideline for Sand Mining-2020 and in compliance with the orders of Hon'ble Supreme Court dt. 10.11.2021 in connection with C.A Nos. 3661-3662 of 2020. Before preparation of all District Survey report of all Minor minerals, field verification has been conducted by the Sub-divisional Committees of Khordha and Bhubaneswar Sub Divisions consisting of Sub-divisional Magistrate, Officers from Irrigation Department, State Pollution Control Board, Forest Department, Geology Department & Mining Officer. The DSR is being submitted to SEIAA, Odisha, Bhubaneswar for necessary evaluation and approval.

*Sanku*  
Geologist  
Dhenkanal

*Jagan*  
16.04.25  
Mining Officer  
Khordha

*Mishra*  
16/4/25  
ASO, SJTA, Jatani  
Khordha

*Samanta*  
ACF Khordha Divn.  
Khordha

*Yadav*  
ACF Chandaka Wild life  
Divn.Chandaka

*Patra*  
ACF City Forest  
Bhubaneswar

*Samanta*  
ACF Wild life Divn.  
Balugaon

*Das*  
Dy-Director Mines  
Cuttack

*Jitendra*  
SE/Exe. Engineer  
Prachi Divn.

*Das*  
16/04/25  
Dy-Director Mines  
Khordha

*Das*  
RO, SPCB  
Bhubaneswar

*Das*  
Sub Collector, Khordha

*Das*  
16/4/25  
Sub Collector, Bhubaneswar