



**DISTRICT SURVEY REPORT (DSR)
OF
BALANGIR DISTRICT, ODISHA
FOR
ROAD METAL/BUILDING STONE/BLACK STONE
(FOR PLANNING & EXPLOITATION OF MINOR MINERAL RESOURCES)**



**As per Notification No. S.O. 3611(E) New Delhi
dated 25th July 2018 of
Ministry of Environment, Forest & Climate Change
(MoEF& CC)
COLLECTORATE BALANGIR**

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PREAMBLE

In pursuance of MoEF & CC Notification S.O. 141(E) dated 15th Jan. 2016, District level Expert Appraisal Committee (DEAC) has been formed for Category –B2 Minor Minerals having area less than or equal to 5 ha. Prior to the formation of Odisha Minor Mineral Concession Rule 2004, (OMMCR -2004) the mining operation for minor mineral were carried out in unscientific manner. Identifying this fact in exercise of power, Conferred by Section 15 by Mines and Minerals (Development and Regulation) Act 1957 as amended in 2015 and all other powers enabling it in that behalf, the industry Mines & Geology Department, Govt. of Odisha framed the aforementioned rule, which has been amended with period of times in the year 2014, 2015 and 2016.

Keeping in view of experience gained in period of decade, the MoEF & CC came out with Environmental Impact Assessment Notification S.O.-1533(E) dated 14th Sept. 2006. It has been made mandatory to obtain environmental clearance for different kinds of development projects as listed in Scheduled -I of notification. Further, pursuance of the order of Hon' ble Supreme Court Petition (C) No. 19628- 19629 of 2009, dated 27th Feb. 2012 In the matter of Deepak Kumar etc., Vs State of Haryana and others etc., Prior Environmental Clearance has now become mandatory for mining of Minor Minerals irrespective of the area of Mining Lease. And also in view of the Hon' ble National Green Tribunal, order dated the 13th Jan. 2015 the matter regarding Sand, Road metal, & Burrowed Earth cutting for Road Construction has to take prior E.C. for Mining Lease irrespective of the fact that whether the area involved is more or less than 5 hectares. They also suggested to make a policy on E.C for minor minerals lease in cluster.

Subsequently, Hon'ble Supreme Court vide their order dt. 18.01.2022 in connection with Civil Appeal Nos. 3661-3662 of 2020, the State of Bihar and others Vrs- Pawan Kumar and others at Paragraph 14 " We therefore find it appropriate to substitute the directions issued by Tribunal vide judgment and order dated 14th October-2020 with the following directions,

- (i). The exercise of preparation of DSR for the purpose of mining of the State of Bihar in all the Districts shall be under taken afresh. The Draft DSRs shall be prepared by the Sub-Divisional Committees consisting of the Sub-Divisional Magistrate, Officers from Irrigation Department, State Pollution Control Board or Committee, Forest Department, Geological or Mining Officer. The same shall be prepared by undertaking site visits and also using by modern technology. After the Draft DSRs are prepared the District Magistrate of the concerned District shall forward the same for examination and evaluation by the SEAC. The same shall be examined by the SEAC and its report shall

be forwarded to SEIAA. The SEIAA will thereafter consider the grant of approval such DSRs.

- (ii). Needless to state that while preparing DSRs and appraisal thereof by SEAC and SEIAA. It should be ensured that a strict adherence to the procedure and parameters laid down in the policy of January-2020 should be followed.

The District Survey Report will form the basis for application for Environmental Clearance, preparation of reports and appraisal of projects. District Survey Reports are to be reviewed once in every five years as per statute.

In lieu of above guideline and orders of Hon'ble Supreme Court and in compliance to the orders of Hon'ble NGT, EZ, Kolkata, in connection with O.A No. 63/2020, the Member Secretary, SEIAA, Bhubaneswar issued a Letter on 27th December, 2022 to Collector & District Magistrate, Balangir with a direction " the DSR is to be signed afresh by the Collector and District Magistrate, along with members of the designated sub-committee consisting of Sub-Divisional Magistrate, and District Level Officers from Irrigation Department, State Pollution Control Board, Forest Department, Geology and /or Mining Department. Keeping in view of the orders of Hon'ble Supreme Court, Hon'ble NGT and directions of SEIAA, Bhubaneswar a fresh DSR has been prepared observing all formalities in the year,2023

The Main objective of the preparation of District Survey Report is to ensure the following: -

1. Identification of Mineral Resources in the District.
2. Identification of areas of minor minerals having the potentiality where mining can be allowed.
3. Identification of area and proximity to infrastructure and installations where mining should be prohibited.

1.0 INTRODUCTION

Balangir at a Glance:

1.1 Location and Geographical Area:

The Balangir District is surrounded by Subarnapur district in east, Nuapada District in the west, Balangir District in the south and Bargarh District in the north. The district lies between $20^{\circ} 11'40$ to $21^{\circ} 05'08$ degree north latitude and $82^{\circ} 41'15$ to $83^{\circ} 40'22$ East longitude. The district covers an area of 6575 sq.km.

The district of Balangir is flanked in the north-west by the Gandhamardan hills, a name of the Ramayana Fame, and in the north-east by the rock-infested Mahanadi. It is traversed by many hill streams and is interspersed with the evergreen woodlands, the shelter of Bison and Sambar. The main forest area stretches along the western boundary bordering the Nuapada, Balangir district and then turns to the east running parallel to the Gandhamardan range. This forest track is broken by occasional clearings and small settlements, but it mostly consists of thick vegetation in which bamboo of excellent quality grows and Sal, Sahaj, Piasal, Dhaura and Ebony form the principal timber. The crest of the range of Gandhamardan hills is fine plateau, some ten miles long, with an average height of 3000 feet. For most part of this district lies on the north-west bank of river Tel, which form the boundary between his district and the district of Balangir, Sonepur, Boudh and Kandhamal.

The district has many rivers and perennial streams. Almost the entire Bolangir district is drained by nine rivers namely Mahanadi, Tel, Undar, Lanth, Sungadh and Sukhtel (Tributaries of the Tel), Ang, Jira, Saleshing.

Hill System

Mathkhai, The Sacred Hill on the outskirts of Balangir City also a Landmark of the District.

- Gandhamardan (3,296 ft)
- Butel (2,670 ft)
- Chahdli (2,630 ft)
- Thuta (2,056 ft)
- Bender (1,920 ft)
- Patpani
- Chhatardandi
- Matkhai (2,591)

It is best known for Harisankar Temple. The Ordnance Factory is located 45 km South of Balangir. It is the largest city of Western Odisha. The District is divided into 3 Sub-Divisions namely 1) Balangir, 2) Patnagarh and , 3) Titalagarh. It has 1794 villages covering 14 Blocks, 14 Tahasils. Balangir is the main town of the District and is also its centre of economic growth. The primary occupation of people in the District is cultivation. This District is mainly known for cultivation of paddy. Because rice is the staple cereal of the local people. Hybrid varieties of seeds are being developed and land reform programs are being planned for the maximum usage of the wastelands, promising to enhance the District's economic stability in the near future. Industries, Agriculture and Tourism are the four major Revenue Sources of Balangir District. The District Industries Centre, Balangir has been functioning since 1978, in order to provide service to the people of Balangir District in all respects of industrial promotion i.e. preparation of project reports, facilitating financial assistance from financing institutions, marketing assistance, allotment of Govt. land and shed, Raw-material recommendation, imparting of Entrepreneurship Development Training to prospective entrepreneurs and providing different technical know-how etc under one roof. There are no of industries are present in the Bolangir District.

1. No. of Small-Scale Industries (Working) – 1066
2. No. of Large / Medium Industries – 6

Table-1

Different Types of Sophisticated Industries Existing In Balangir (Item Wise)		
Sl. No.	Type of Industries existing.	No. of units.
1	ALUMUNIUM UTENSILS	4
2	AUTOMOBILESERVICING STATION	5
3	COLD STORAGE	3
4	CORRUGATED PAPER BOX	4
5	COTTON GINNING AND WEAVING INDUSTRY	18
6	COUNTRY LIQUOR SHOP	66
7	DAIRY FARM	6

8	FOOD PROCESSING INDUSTRY (BAKERY, SWEETS, MILK PRODUCTS)	12
9	GRANITE CUTTING AND POLISHING	10
10	HOT MIX PLANTS	5
11	HOTELS& RESTAURANT	10
12	OTHER INDUSTRIES	53
13	PACKAGED DRINKING WATER INDUSTRY	4
14	PARBOILED RICE MILL	58
15	PHARMACEUTICAL INDUSTRY	1
16	POULTRY FARM	31
17	RAW RICE MILL	20
18	READY MIX CONCRETE	5
19	STONE CRUSHERS	63

Balangir district is situated in the western side of the state of Odisha, extending from 82⁰41' to 83⁰42' East longitude and 200 9' to 210 05' north latitude. Generally the climate of the district is hot & moist sub-humid. Broadly the district has Red & Yellow, Red & Black, Laterite, Black Cotton Soil and Brown forest soil with alluvium soil and intersected by the perennial rivers, which collectively provides conducive infrastructure for the growth of agriculture in the region. Rice, Pulses, oil seeds like Groundnut, Mustard, Castor and linseed are grown in the District of Balangir. The District has a rich mineral base of soft stones, limestone, stone chips are available in the District, which are mainly used in industrial units in the District. The huge deposits of granite stones at all

the tahasil regions provides tremendous scope for development of few more industries.

Balangir district with its fascinating natural beauty, rich tribal cultural heritage has a potential reserve of graphite, bauxite, Galena, & manganese.



1.2 Administrative Units:-

Balangir is the Administrative Headquarter Balangir District. It is located at a distance of 319 km from Bhubaneswar, state capital of Odisha. In accordance to the area, the District is the 3rd largest western Odisha Districts of Odisha. It has 1794 villages covering 14 Blocks, 14 Tahasils and 3 sub divisions. The district is divided into 3 Sub-Divisions namely 1) Balangir, 2) Patnagarh and, 3) Titalagarh. The population of the District is 1379647 according to the 2011 Census. The District accounts for 4.22% of the State's

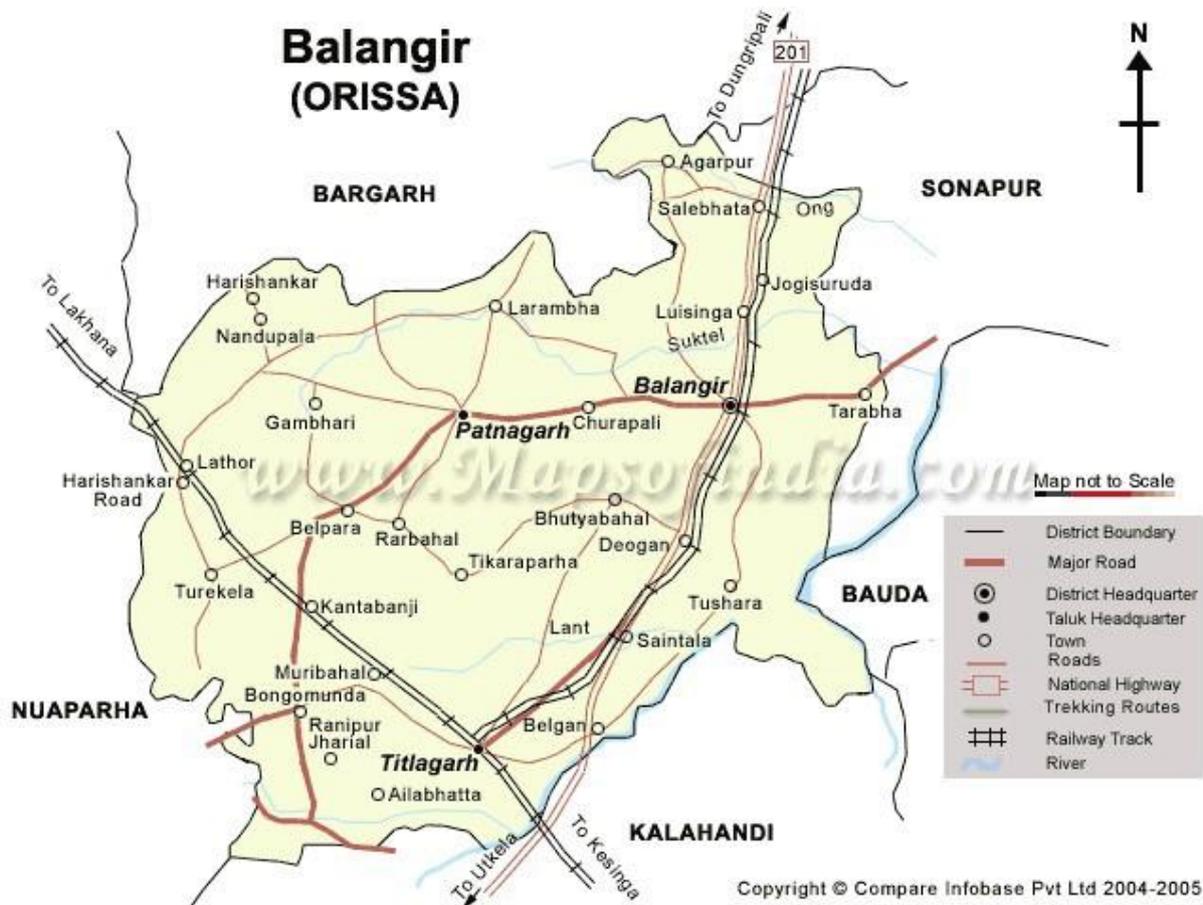
territory and about 3.93% of State's population. The density of population of the District is 251 per square km as against 270 per square km of the state. As per 2011 census, the population of Scheduled Caste is (17.88%), and Scheduled Tribe is (21.05%). The literacy percentage of the District covers 64.70 against 72.90 of the state.



1.3 Connectivity facilities: -

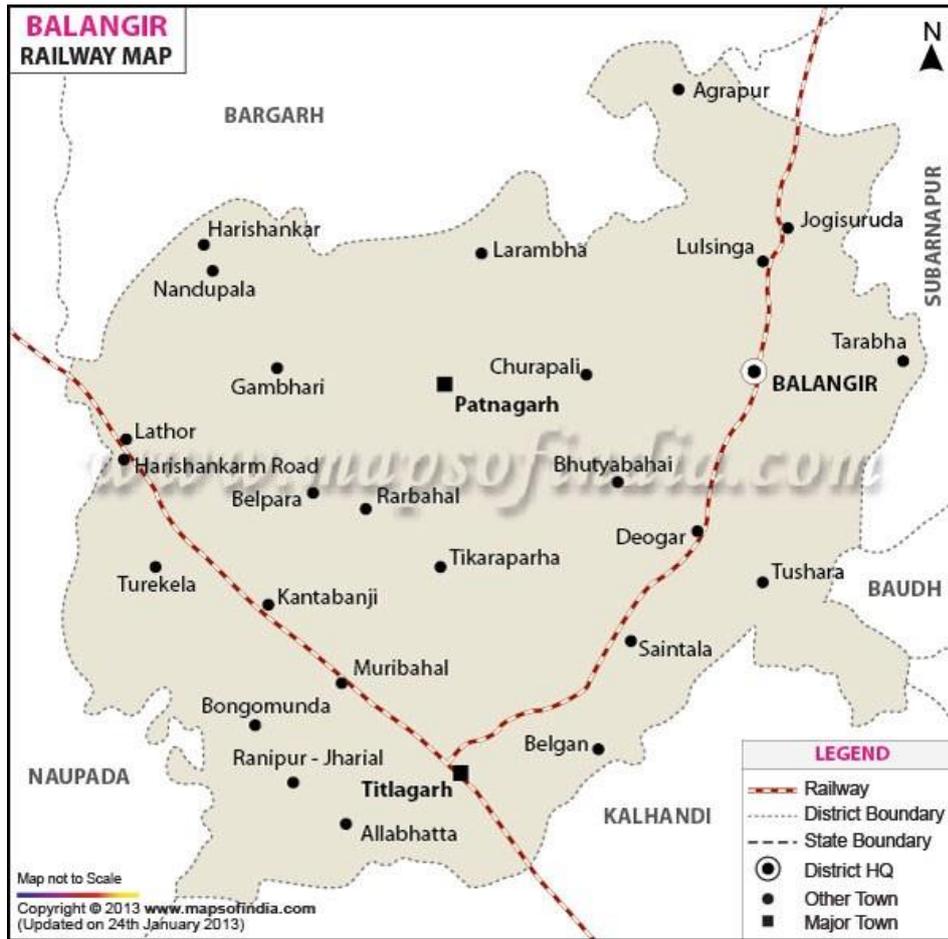
Road Network

The District is well served by a network of good roads. The chief road emanating from Balangir town is NH-201 passes through the District. Balangir Town is about 79 Kms from Bargarh, 119 Kms from Nuapada, 104 Kms from Kalahandi, 98 Kms from Boudh, and 49 Kms from Subarnapur. It is also connected with other cities such as Nabarangpur, Koraput, Ganjam, Khordha, Nayagarh, and Boudh via Odisha State Road Transport Corporation and some private travel services.



Rail Network

Balangir District is well connected by Rail link to different places, Balangir railway station is a railway station which serves Balangir district in Indian state of Odisha. The Jharsuguda–Vizianagaram line is a railway line in western India. It connects Jharsuguda, on the Howrah-Nagpur-Mumbai line, and Titlagarh, which in turn is connected with Vizianagaram, on the Howrah-Chennai main line, and Raipur, There are several branch lines, like the one connecting Rayagada with Koraput on the Kothavalasa-Kirandul line. The Khurda Road–Balangir line is a rail line between Khurda Road Junction and Balangir which is under construction. The distance to Raipur is approximately 283 km, while the distance to Bhubaneswar is about 317 km; the city of Balangir is well connected to many places in India like Nayagarh, Phulbani, Baragarh, and Jharsuguda, Rourkela wiith Bhubaneswar sambalpur.



Air Network

The Jharsuguda Airport at Jharsuguda is the nearest airport to the city while Swami Vivekananda Airport at Raipur, Chhattisgarh is 234 km away. Biju Patnaik International Airport in the state capital, Bhubaneswar is 327 km away by road and 397 km by rail.



2. OVERVIEW OF MINING ACTIVITY IN THE DISTRICT:

A great variety of ores and minerals occur in this district. Of these, the important ones are graphite, Galena (Lead ore), Manganese ore and Bauxite. Balangir District is a transition land features of both coastal plain and hilly region. Most of the mineralized area coming under Eco-Sensitive Zone, mining activity only confined out of safety zone of Eco-Sensitive Zone. The mining activity in the District is only restricted to minor minerals i.e. of sand, stone, granite and brick clays. Altogether there are leases of stone, graphite, granite and sand which has been granted to the District is regulated as per minerals concession rules of Odisha, there is no lease of major mineral in the District. At present Leases of stone, sand and bricks making units are operational in the District. Stone chips, granite stones, graphite ordinary sand constitute the principal mining activity of all the tahasil area of Balangir District. Which have been provides tremendous scope for development of few more Industries based on this resource.

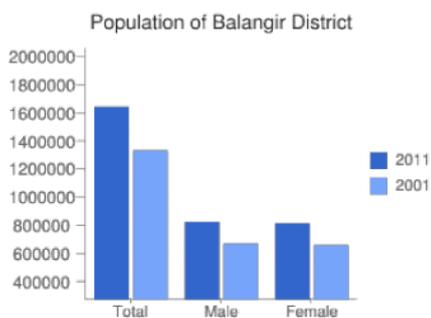
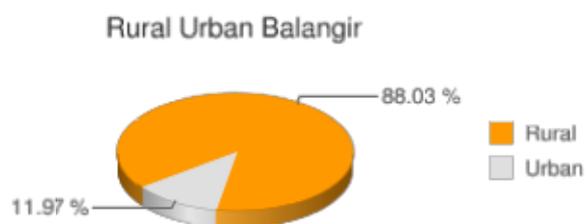
3.0 GENERAL PROFILE OF THE DISTRICT:

3.1 Demography:

Table-2

Census - 2011	
Geographical Area	3806 Sq. Km.
Total population	1,648,997
Male Population	830,097
Female Population	818,900
Male Literacy	545,672
Female Literacy	381,588
SC Male	148,356
SC Female	146,421
ST Male	1,72,489
ST Female	1,74,675
Illiterate Male	2,84,425
Illiterate Female	437312

Rural Urban Balangir



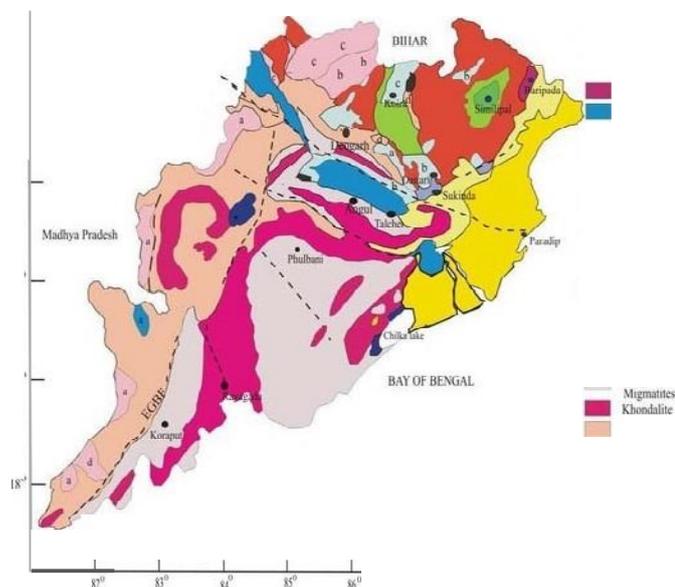
4.0 GEOLOGY OF THE DISTRICT:

Balangir district constitutes a portion of the peninsular reunion. It has largely remained a table-land, a mass of great rigidity and has not been affected by inner movements of the earth through some portions of the peninsular India has been affected by structural disturbance of vertical nature.

The Archean formations of the eastern Ghat region, represented mainly by the rocks of the Khondalite series, extend up to the western limit of the district. The next younger series of rocks, in this area consisting of garnetiferous gneisses are thought to be the products of hybridism between the calc silicate rocks and aplitic solutions. The concluding phases of the Archean in the Mahanadi tracts have been marked by a large scale intrusion of very coarse grained, often porphyritic granite with the accompanying pegmatite facies. Large scale feldspathisation of the older rocks, particularly the granulitic rocks and the leptynitic gneisses resulted in a variety of injection gneisses.

The next younger formations in this area consists of certain fresh water sediments perhaps of lower Gondwana (Talchir stage) age and are exposed as isolated sandstone patches in the Tel Valley. The youngest geological formations of the area are laterite and alluvium, the former occurring extensively as surface capping on the plains as well as on the 3,000 foot high Gandhamardan Plateau.

The areas represent parts of the Eastern Ghat Super Group comprising strongly metamorphosed rocks viz. Khondalites (and their migmatitic derivatives), calc granulites and garnetiferous quartzite associated with granite gneisses, pegmatites and quartz veins. The stratigraphic sequence established by earlier workers and confirmed by the present authors for these areas is as follows:-



Khondalite formations:

Khondalites, sensu stricto, are as varied as the areas as a result of extensive migmatization. Portions of these rocks, which are much less migmatized with leucosomes 10% or less, form in general, high conical hills that support thick vegetation and stand out prominently in an otherwise undulating rolling country.

Such hills are generally made up of gneissic khondalite. The Kalinili hill west of Sanbanki as well as the hill further north and the hill east of Sapmund are made up of this type of rock. The schistose variety, on the other hand, is exposed in the valleys and foothills close to those hills. The rock is greyish to reddish brown in colour, medium grained, foliated and consists of quartz, garnet, sillimanite, graphite and a little feldspars. The reddish brown colour is the result of limonitization of garnet. Under the microscope, it consists of xenomorphic and strained, quartz, stumpy needles of sillimanite with transverse cracks, limonitized garnet showing diablastic structure and biotite altering from garnet mostly along cracks and peripheries. Graphite occurs as greyish black flakes. Both perthite and K-feldspar are present.

The garnetiferous quartzite forms small hillocks east and NE of Bariali, east of Dholmandal and west of Mahulpati. The rock stands out prominently as hills and ranges because of its resistant nature. The quartzite is a granular rock, greyish in colour and dotted with conspicuous reddish garnet. In some cases, e.g. on the hill near Bariali, a little biotite is present in the rock. Sometimes occasional sillimanite needles are noticed. It is generally devoid of graphite except for a few flakes as noted in the east of Dholmandal.

The calc-granulite forms linear bands within the migmatized khondalite terrain and is intricately folded. This rock is exposed in the west Bariali and extends discontinuously along the strike further NE following the course of the Lant river (Plate-II.). The total strike length of the band between Bariali and east of 1561 hill is about 10km. Another band is continuous for about 4km between east of Debriamunda and east 1561 hill. The other bands are exposed near Kharli, Debriamunda, and north of Harishankar Road (foot hills of 1561). The width of the bands varies from 3m to 10m. Bands of 1m or less width are exposed in Thongajhar nala east of Jamki and Sanbanki. Differential weathering has given the rock a serrated appearance. Megascopically, the rock is medium grained and pale in colour. Under the microscope, it shows granulitic

texture and is found to contain diopside, quartz, calcite, scapolite and sphene. Garnet is rarely present.

Pyroxene granulite:

Pyroxene granulite occurs as isolated small outcrop on either side of the forest road connecting Harishankar Road Rly. Station with Ghagruli, about 6km away. This is the only outcrop of pyroxene granulite where it forms small humps standing out from the surrounding soil cover area. Its contact with the other litho-units is concealed.

The rock is medium grained, dark in colour and very compact. It shows granulitic texture under the microscope and consists of hypersthene, diopside, plagioclase (andesine to labradorite), garnet and quartz with some opaque. Incipient alteration of garnet to biotite at the margin is noticed.

Migmatites:

Migmatite is hybrid rock containing an admixture of palaeosomes and leucosomes (neosomes) in various proportions. Strictly speaking, all the lithounits of the areas examined are migmatized to some extent or the other. But the khondalitic rocks being most prominent of the metasedimentaries, the migmatites formed after Khondalites are by far more conspicuous and prominently developed. The migmatite bodies are concordant to the regional trend of the rock units and are confined to the low lying soil covered tracts where these are exposed mainly in nala cuttings. Outcrops of migmatites are in Thongajhar nala east of Sanbanki and Jamki, Pandrapatranala, Palsakaninala and the nalas east of Gargarbahal, Lant river sections, south and north of Telenpali (Plate I). In all these outcrops the rocks considered to be migmatites have leucosomes varying from 10% and above. The ratio of palaeosomes, leucosome varies from more than 80:20 to as low as 20:80. The known graphite deposits fall within the migmatite zones.

The various migmatitic structures noted are stromatic, schollen and schollen types (Mehnerter, 1968). Of these, the stromatic in which veins of neosome alternate with palaeosomes is the most common. The schollen structure is noted in Pandrapatra and Palsakaninala where small sillimanite lumps are included within the leucosome. Development of biotite and garnet at the contact of leucosomes and palaeosomes is common.

Megascopically, the migmatites have a general gneissic appearance as a result of alternation of the paleosomes and neosomes. Under the microscope, the schistose

structure is prominent. A mineral assemblage of K-feldspar, microperthite, quartz and garnet with minor amounts of biotite, sillimanite and opaques are seen. The feldspars are later developed and enclose sillimanite needle and biotite flakes partially or fully. Garnet alters to biotite at the margin. Graphite normally occupies the inter-granular space.

Granite gneisses:

Granite gneisses occupy a major part of the areas examined. Two distinct types of granite gneisses are discernible non-porphyroblastic (garnetiferous) and porphyroblastic, of which the latter is predominant.

The non-porphyroblastic granite gneiss is exposed on a small ridge south-west of Dhusamunda and has a few isolated outcrops further west. Small concordant tongues of this rock within the migmatites are exposed in Pendrapatra, Thongajhor and Palsakaninalas. Relicts of the rock within porphyroblastic granite gneiss are observed on the hill in Patpani R.F area indicating an older age of the former.

The rock is leucocratic, medium grained and shows well developed gneissosity. It contains Kfeldspar, perthite, quartz garnet and biotite. The quartz grains in the rock are stretched (flattened) at some places.

The porphyroblastic granite forms a continuous ridge in Patpani and Chandil R.F. areas apart from the small ters, Whalebacks and ruwares in the planes between Bardakle on the south of Jalpankel on the north (Plate I).It has intruded into all other units described above along their foliation planes.

The rock is leucocratic and consists of large porphyroblasts of feldspar (long axis varying from 2cm to 15cm, showing a crude gneissosity), quartz, garnet and biotite. At the contact with the older rocks, segregated zones of garnet and biotite are noticed. Sometimes growth of feldspar is impeded by garnets suggesting a later origin of porphyroblasts. This may be due to alkali metasomatism at a deeper tectonic level after the development of garnet.Under the microscope, it shows porphyroblastic texture and consists of plagioclase (oligocaseandesine),perthite, quartz, garnet, biotite with apatite as accessory. The rock is granodioritic in composition.

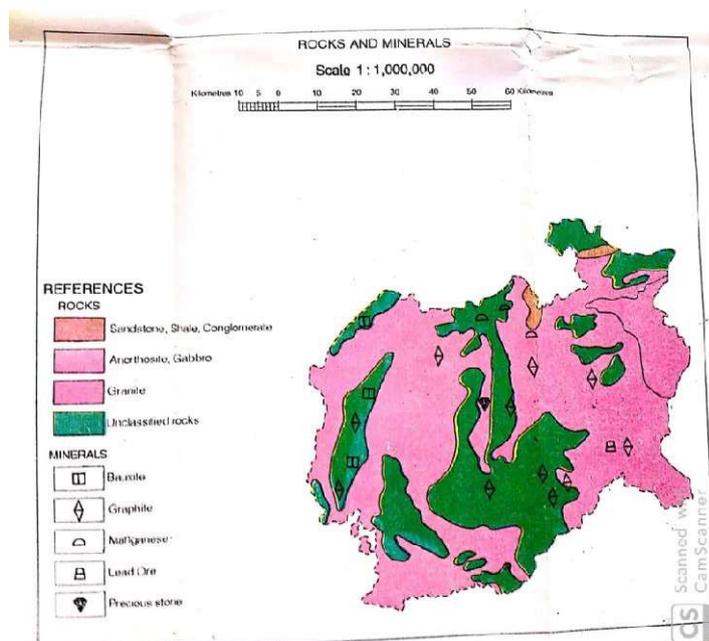
Pegmatite and quartz veins:

Depending upon the mineral assemblages, three types of pegmatites are identified. These have the following compositions:

- i) Quartz-feldspar-biotite-garnet with or without clots of graphite
- ii) Quartz-feldspar-garnet -biotite -muscovite-tourmaline.
- iii) Quartz-feldspar-with or without garnet and graphite

The pegmatite bodies are frequent within the migmatite zone and run parallel to the host rock foliation with sharp contact as seen east, west and north of Jamki.

The third type has a gradational contact with the host rock and is exposed mainly in graphite quarries near Chormunda and Sapmand and to the south of Sanbanki, The second type has mainly E-W to NW-SE trends. This type of pegmatite is reported to be clandestinely excavated for precious stores (mainly aquamarine and topaz). The width of pegmatite bodies vary from less than a meter to more than 3m. One such excavation was noted in the nala NNW of Karuanajhor. Two quartz veins are noted about 2.5km south-east of Lathor and 1.5km SW of Gargarbahal. These are highly fractured and sheared. The quartz is milky white in colour.



Structure:

Foliation: The Khondalite and the associated rocks display well developed foliation as a result of preferred orientation of sillimanite needles graphite flakes and other platy minerals. Alternation of quartz-feldspathic bands with garnet rich bands is also quite prominent. The regional trend of foliation varies from NNE-SSW to NE-SW with steep easterly dips 35° to 70° (Plate I). In the Bakbahal R.F. area the strike is confined between N-S and NNE-SSW directions with local variation to NW-SSE (Plate I). The dip

is sometimes as low as 10° in this part. The porphyroblastic granite displays a crude gneissosity with a linear arrangement of feldspar porphyroblasts.

Folds:

The general parallelism of foliation indicates isoclinal to overturned nature of the regional fold pattern. Such folds on minor scale are well preserved in calc-granulites. The tight folds preserved in this rock have axial plane parallel or sub-parallel to the foliation with fold axes plunging 15° to 30° towards NNE. Later warping with plunge at 35° to 45° towards east, among along NW-SE and E-W axes is observed in calc-granulites. This explains the swing in strike locally from NNW-SSE to NNESSW in Bakbahal R.F. area.

Joints:

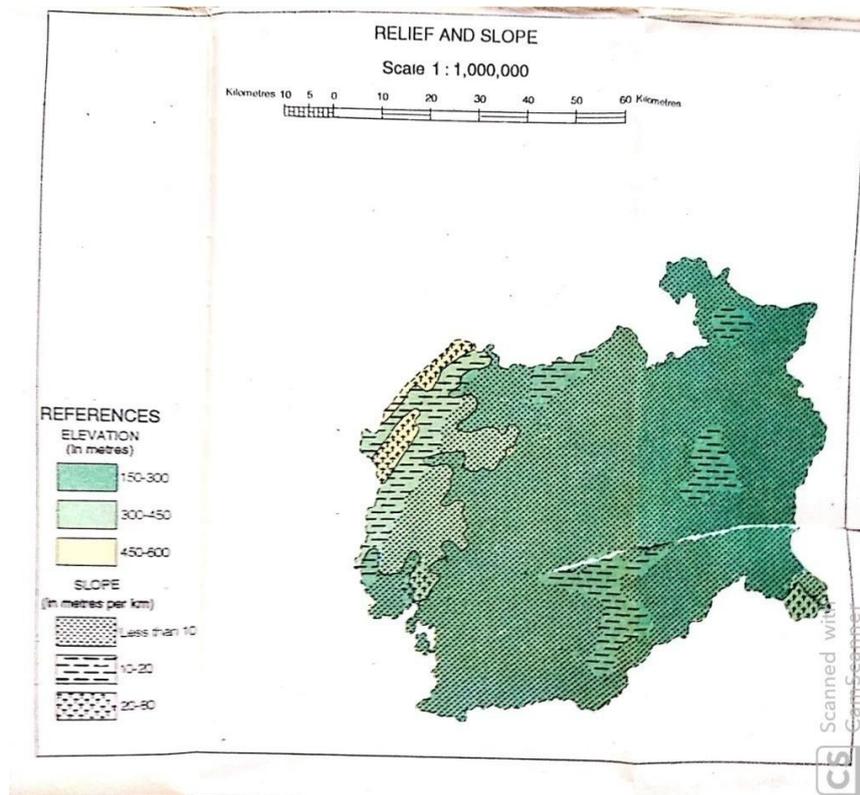
The following three prominent sets of joint sets are noted in the areas examined of which the latter two sets are tension joints:

- a) NE-SW to NNE-SSW, parallel to foliation
- b) NW-SW vertical joint set
- c) E - W vertical joint set

These joints are sometimes filled up by pegmatite veins and other quartzo-feldspathic material as seen in Thongajhor, Palsakani and Pandrapatranalas.

Shear Zones:

Shearing parallel to the foliation is evident at many places. As a result of shearing, close spaced joints had developed along with mylonitisation of the rocks. The quartz reef emplaced along the shear zone SW of Gargarbahal and SE of Lathor is much crushed and has close spaced joints parallel to the regional foliation trend. Shearing in migmatites is noted along Thongajhor, Pandrapatranala, Karusnjhar, village, Lant river and WNW of Kandagadh village.



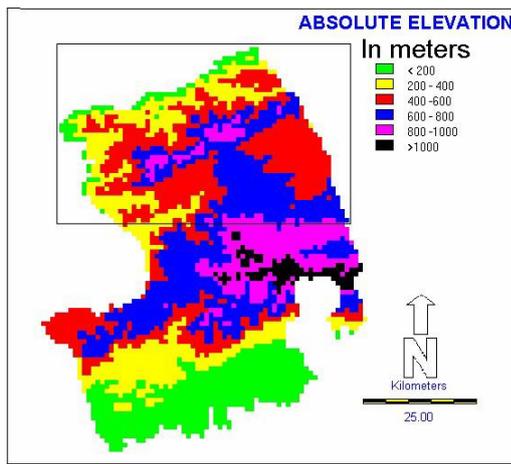
4.1 Physiography & Geomorphology:

Physiography:

The areas examined in the course of the investigation fall south of the arcuate Gandhamardan range forming a water divide. The different hill ranges in the area have NE-SW to ENE-WSW trends in the northern part which swerves to the general N-S direction in the southern part. The Gandhamardan range is a table land having the highest elevation of about 1000m above the MSL. To the SW lies the Chandil range, known as Patpani range in its southern extension. In between the two (Gandhamardan and Patpani ranges) lies a narrow valley. The Patpani range marks the boundary between the two districts of Kalahandi and Bolangir many prominent peaks of heights ranging from 560m to 715m above the MSL make the range quite conspicuous.

Another prominent hill, the Chattradandi (810m), lies in the south eastern part of the area. The intervening valleys are extensively soil covered and have a few isolated hills. The area around Saptmund, at the south-eastern foot hills of the Gandhamardan range, has two prominent hills (816m and 518m). Elsewhere in the areas, there are many small hillocks and mounds which range in altitude from 400m to 600m. The general elevation in the areas is about 300m above the MSL.

The drainages of the areas are mostly controlled by joints. In the northern part (also known as Katanginala) flow north-easterly and joins the Suktel River. Perennial nalas descending from the Gandhamardan range feed this higher order stream. In the South, the Lant river forms the major drainage flows to the NE to join the Tel river further SE. In the southernmost part, the Arjunnala flows and joins the Udanti river. The southern streams are ephemeral in nature.



Geomorphology :

The district can be divided into two broad physiographic units (i) undulating plains (Pediments) dotted with residual hills and (ii) scattered hills and areas with high relief. The undulating plains occupy the central and eastern parts of the district the western, western and south eastern parts of the district average elevation being 200m to 300m above mean sea level with a general slope towards east. The areas with high relief and high hills are situated in the north western, western and south eastern parts of the district (Plate-V). The hill ranges belong to the Eastern Ghats having a general trend of Northeast-Southwest. The highest peak is Gandhamardan situated 983 m above mean sea level.

Hydrogeology

The district is mostly underlain by Precambrian crystalline, metamorphics, intrusive, sedimentaries of permocarboniferous ages and recent laterites and alluvium. Features like geological set up, rainfall distribution and the degree of primary and secondary porosity controls the hydrogeological framework of a place. As the district is underlain by diverse rock type as already discussed, it results in contrasting water bearing properties of these different geological formation. Depending on the nature of

formations and their water bearing capacities etc, the rock formations of the district may be divided broadly into two major hydrogeological units viz -

- 1) Consolidated formations
- 2) Semi-consolidated formation
- 3) Unconsolidated formations

Consolidated formations- Almost the entire district is underlain by the consolidated formation containing granites gneiss, khondalite, quartzite, anorthosite and gabbro. These rocks are hard and compact and are devoid of primary porosity. The secondary porosity in these rocks developed as a result of weathering and fracturing due to major & minor tectonic movements along with climatological actions. The secondary porosity forms the conditions for movement of ground water and also act as reservoir of ground water. Groundwater occurs under water table conditions in weathered residuum while it occurs under semi confined to confined conditions in the fractured & jointed rocks usually two to four water bearing fracture zone occurs down to a depth of 100 m.

Water Bearing Properties of Major litho Units:

Granite and Granite Gneisses -These rock types in the district occupying the undulating plains, low lying area and sometimes forms hills and hillocks. These rocks are mostly represented by biotite gneiss, porphyritic granitic gneiss etc. They are porphyritic and non porphyritic in nature and are usually grey to light grey in colour. Weathering in granitic rocks is pronounced and fissures and joints etc are also well developed. These rocks are traversed by numerous veins of quartz and pegmatites. The thickness of weathered zone in granitic rocks usually ranges from 10 to 15m and occasionally extends beyond 25m depth. For all the above factors, the granite rocks form the most potential aquifers both at shallow and deeper depths in comparison to other hard rock formation. The available data on existing ground water structures indicate that ground water development is mainly through open wells and to some extent through bore wells. The specific capacity of dug wells tapping weathered zone ranges from 6 to 286 lpm/m drawdown.

The potentiality of the deeper aquifers (Saturated fractures) has been explored by deep drilling down to a maximum depth of 200m. It is found that though saturated fracture was encountered at the depth of 190 m but normally it is restricted within 150 m depth and it has also been noted that the saturated zones are more commonly found within 100m depth. The maximum number of saturated fractures encountered

down to 190m depth is five. On an average, down to 150m depth 3 to 5 sets of saturated fracture zones occur. The yield of the wells varied from negligible to maximum of 14.0 lps. with the average yield of 2 to 5 lps. The maximum yield of 14.0 was recorded in the well located at Chun Chun Dungripalli area where 3 sets of saturated fractures were encountered down to 65.0m depth.

Charnockite suite: There is very limited occurrence of charnockite in the district. This suite of rocks comprises of pyroxene granulite, hypersthene granite and granodiorite etc. The acid and intermediate group of rocks are more common than other varieties. The charnockites are fine to coarse grained, greenish grey colour having greasy lusture. Texture is mostly granulitic and having gneissic structure. Due to hard and compact nature of the rocks ground water development prospects in charnockite is not good.

Khondalites: This suite of rocks comprises of mainly quartz-garnet-sillimanite schist and gneiss and minor occurrence of calcsilicates and quartzites. The rocks usually form hills and have limited ground water development. These rock have well developed joints. The weathered residuum and also fracture zones constitute the main repository of ground water.. The thickness of weathered zone ranges from 5 to 32m. The specific capacity of the dug wells ranges from 2.3 to 13.3 lpm/m drawdown.

Quartzite: These rocks occurs as distinct bands and are very resistant to weathering. The weathered mantle is thin and joints are less developed. As such these rocks do not form good aquifers.

Anorthosite: These are generally hard and massive in nature. Weathering yields white clayey material, while restricts movement of ground water. Joints and foliations are also not well developed and these rocks do not form good aquifers. Well drilled at Tarbha had a discharge of 1.0 lps.

Pegmatite and quartz veins: These are coarse grained and hard. These form good aquifers when fractured and friable.

Semi consolidated formations: These are represented by the rocks of lower Gondwana formations. These rocks occurs in small patch in the western side of the district in Sonapur block. The friable and loosely connected sandstones form the aquifers. Ground water occurs under water table conditions in the weathered zone and under semi confined condition in the deeper fracture and friable sandstone beds. The

depth of open well ranges from 5 to 12 mbgl and depth to water level ranges from 3 to 10 mbgl. The yield of the well in the district is generally limited.

Unconsolidated Formation: Laterites and alluvium of Sub-recent to Recent age constitute the unconsolidated formations. Laterites occurring as capping over older formations are highly porous in nature and form good aquifers to be tapped through dug wells. The alluvial deposits of recent origin occur as thin discontinuous patches along the prominent drainage channels. The alluvium varies in thickness from 6 to 12 m. These mainly consist of silt, sand with gravel & pebble, which form potential shallow aquifers tapped through dug wells.

4.2 Stratigraphy:

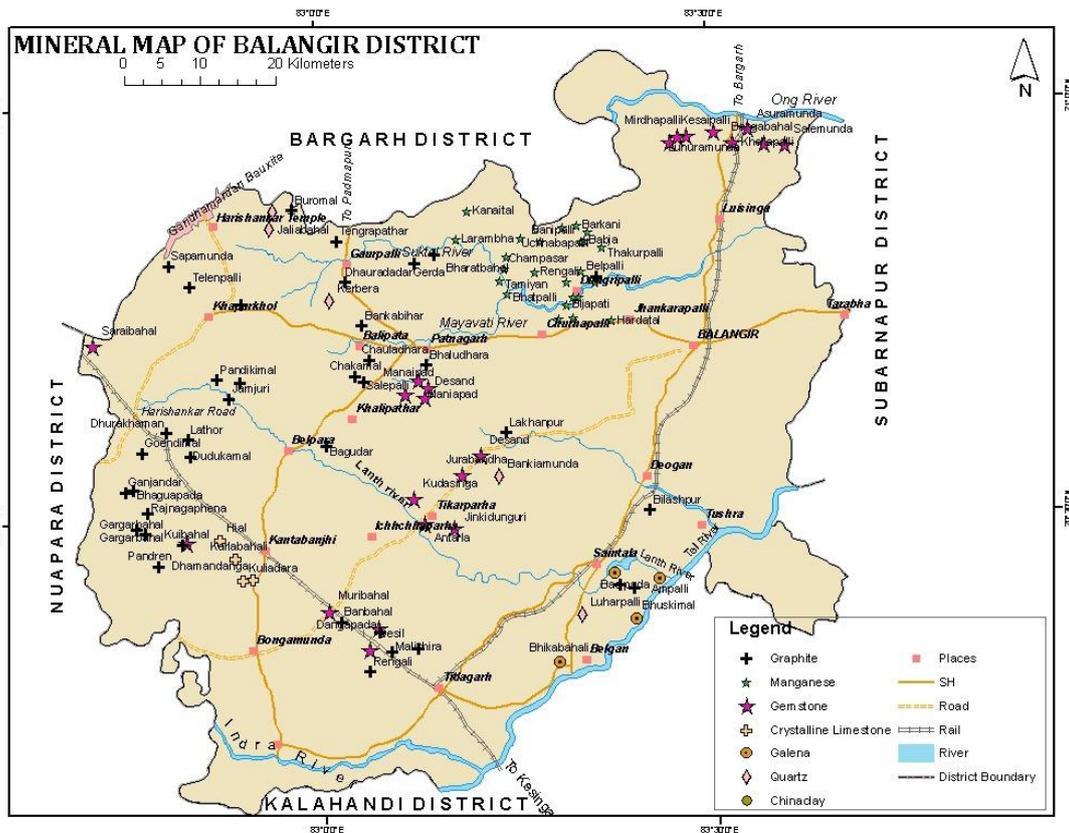
Event Stratigraphy of the Eastern Ghat Mobile Belt is as follows;

	Age(Ma)	Event
	550-650	Exhumation & Stabilisation (Pan-African)
	800-850	Emplacement of Anorthosite Massifs, Some Alkaline Rocks(?) Younger Granitoids are Charnokites
	950-1100	Main Eastern Ghat Orogeny(=Grenville)
Group	Khondalite Calc-silicates	Garnet-Sillimanite-Graphite Gneiss(khondalite)with minor cordierite-Saphrine-Spinel Gneiss(Mg-AI) rocks & rare Marbles Quartzite (Garnet ±Sillimanite)
	~1500	Emplacement of Alkaline rocks along with the rift Margin
	Evolution of platform	(Purana) basins like Cuddahpah, Chhatishgarh, Indravati etc.
	1600-1800	Evolution of Nellore-Khemmam schist belt in Dharwar Craton
	2600-2800	Charnokite & Gneisses of the basement (WCZ)

4.3 Mineral Resources:

Minerals like soft stones, limestone, stone chips are available in the District, which are mainly used in industrial units in the District. The huge deposits of granite stones at all the tahasil area provide tremendous scope for development of few more Industries

based on these resources. Except these, no minerals in large quantity which can be explored for commercial purpose found in the District.

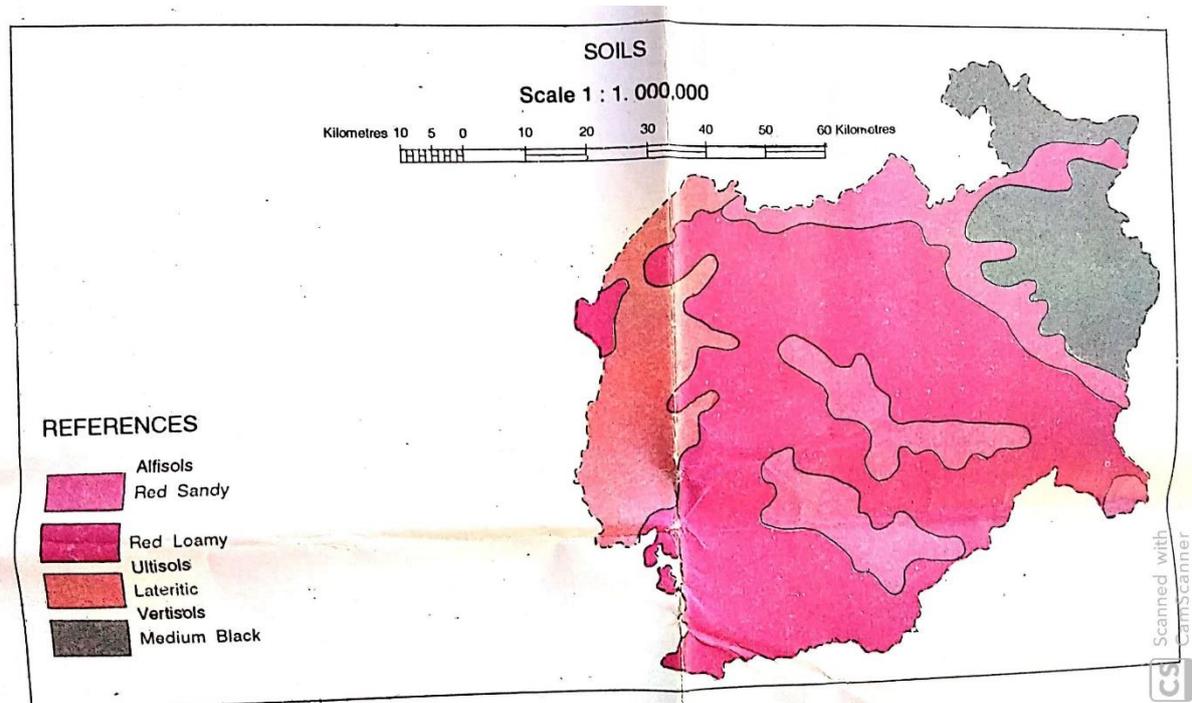


4.4 Soil:

The distribution of different soil types in the district depends much on its physiographic and lithologic variations. Based on the physical and chemical characteristics, mode of origin and occurrence **Alfisols** : It includes red sandy soils and red loamy soils. The red loamy and sandy soils are occurring in major parts of the district. The characteristic features of red soils are (1) light texture, porous and friable structure, (2) absence of lime Kankar and free carbonates and (3) soluble salts in a small quantity usually not exceeding 0.05%. These are usually deficient in nitrogen, phosphate, organic matter and paddy and other crops.

Ultisols : These are lateritic soils occurring in northwestern part of the district in Khaprakhol block in a limited area. These are characterized by compact to vesicular mass in the subsoil horizons composed essentially of a mixture of the hydrated oxides of aluminum and iron. Due to peculiar granular nature, these soils can be cultivated immediately after heavy rains. **Vertisols** : These are medium black soils found in the blocks of Loisinga, Bolangir and Puintala especially in the areas mostly underlain by

anorthosite. The soils are highly argillaceous and contain high amount of iron, calcium and magnesium. These are poor in organic matter, nitrogen and phosphorous but rich in potash and lime. The pH varies from neutral to alkaline and texture varies from loam to clayey loam. These are quite fertile soils and the crops grown are generally cotton, wheat, tobacco and chilly , soils of the district may be classified into three groups namely Alfisols, Ultisols and Vertisols



5. DRAINAGE OF IRRIGATION PATTERN

The District has considerable flat land, which provide suitable site for agricultural use. The hilly areas are mostly under forest with patches of cultivation on scarp areas. The district has many rivers and perennial streams. Almost the entire Bolangir district is drained by nine rivers namely Mahanadi, Tel, Undar, Lanth, Sungadh and Sukhtel (Tributaries of the Tel),Ang, Jira, Saleshing. Major crops grown in the District are rice, Only. 12.21 percent area of agricultural use are net irrigated and major source of irrigations are well and tube wells.

Table-3

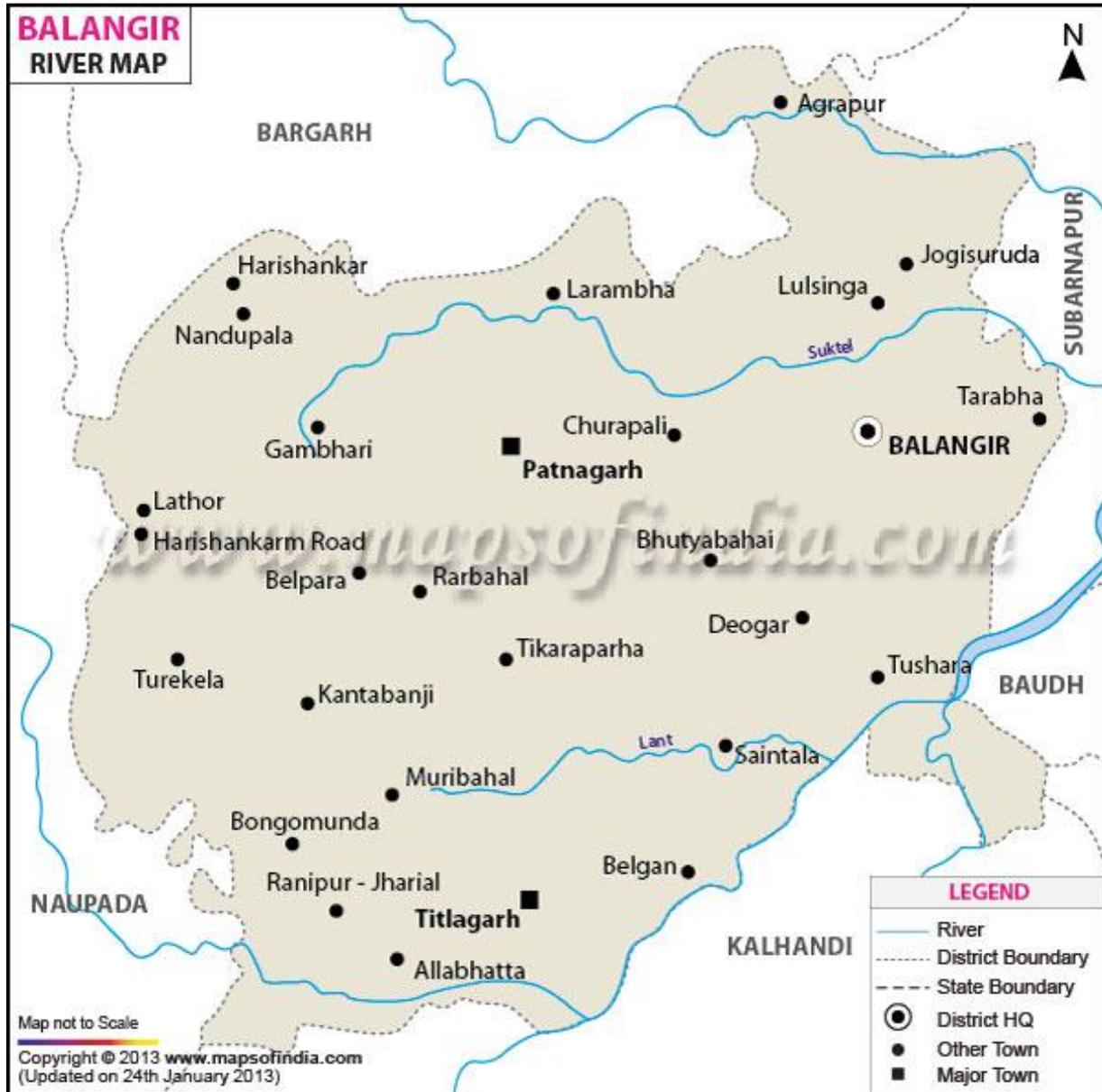
IRRIGATION BY DIFFERENT SOURCES(Areas and Number of Structures)			
Sources of Irrigation	Number	Area in hectare	Percentage of total irrigated area
Canals	142	129118	65.31
Tanks	Data not available	Data not available	Data not available
Open wells	13547	10.486	53.04
Bore wells	4159	7.884	3.99
Lift irrigation schemes	2127	23.890	12.08
Micro-irrigation	78	0.058	0.029
Other	Data not available	8.681	4.39
Total Irrigated Area	Data not available	190.917	96.56
Pump sets	253	Data not available	Data not available
No. of Tractors	56	Data not available	Data not available
Irrigation	Area in hectares		
Net irrigated area	Net irrigated area 190.9(30.38%)		
Gross irrigated area	Gross irrigated area 197.7(32.95%)		
Rainfed area	402.3(67.04%)		

Source: Agriculture Strategy of Balangir District, Kharif, 2020-21



5.1 River System

The district has many rivers and perennial streams. Almost the entire Bolangir district is drained by nine rivers namely Mahanadi, Tel, Undar, Lanth, Sungadh and Sukhtel (Tributaries of the Tel), Ang, Jira, Saleshing



6.0 LAND UTILIZATION PATTERN IN THE DISTRICT

6.1 Forest and non-forest land

The important forest produce of Balangir are timber , fuelwood and bamboo while others include Tenduleaves, Charcoal, bramgrass, Mahua flowers and seeds etc.

The forest of Balangir district correspond to "Tropical forests" according to Champion's classification. These forests depict generally two main types, viz; moist and dry deciduous, which cover different regions of the tract and indicate the origin of a broad pattern very much in consonance with the configuration and geology of the tract and also to a large extent with its climate and rainfall. The peculiar situation of the tract, the "Tension Zones" between the Northern and Southern Indian form, represented by sal and teak respectively, is again an interesting feature of the tract.

Although, as would be expected, local variations due to edaphic factors is quite common in each of the general formations much of the originality in considerable portions of these forests, has been lost due to continued biotic influence, the most deciding of which has been shifting cultivation, locally known as Podu, practised in this tract since many years. Indulged in moderate proportion this practice has hastened the formation of sal forests which are generally taken as climax types. But when podu is prolonged and over done, the result has been rapid retrogression and appearance of secondary seral types of much poorer forests. This is amply evident by comparison of similar areas inside reserved forest, protected from podu during the past nearly half a century, and those outside reserved forest under active expanding Podu.

The "Moist sal forests" are found in luxuriant climax patches often showing pure pockets of quality class II and I, sheltered inside reserved forests. The entire region of the tract lying on the east and stretching from the north-eastern end of the tract to the southern most limit of the southern high lands, had at one time, most certainly been covered in large continuous stretches by moist deciduous forests predominated by sal. Natural Teak forest is interspersed with big chunks of dry deciduous miscellaneous forest in some forest blocks where patches of sal are alone present in the vicinity. Podu had a considerable hand in shaping the forests of this region before the advent of Forestry. With the beginning of forest consciousness in the ex-state regime, many of those forests, generally less disturbed by podu, got reserved. These form now the control to assess the extent of retrogression that has been the result of repeated podu.

The usual process is passage through secondary seral type of dry deciduous forests, often gradually changing to pure bamboo brakes, which again is replaced by dry scrub jungle area and finally became waste land and hill slopes of which large areas are seen in the southern high lands.

The transition from the Northern to Southern India form is seen in between the "Moist Sal" in the eastern part of the tract and "Dry Teak" in western boarder. In this zone in some isolated pockets sal and teak are seen growing together. The transition from "Moist Sal" to dry mixed deciduous forests is of both, northern and southern form. In the southern high land also the transition from the northern to southern form is indicated by increasing occurrence of various species more akin to South Indian flora.

The forest of Balangir District is full of variety of medicinal plants, Kendu leaves, Bamboo, Sal, Teak, other timber species and a wide range of carnivorous & herbivorous wild animals.

Table-4
District-wise Forest Cover Area in Odisha (Area in Km²)

2023 Assessment								
District	Geographical Area Km ²	Very Dense Forest	Moderate Dense Forest	Open Forest	Total	Percent of GA	Change	Scrub
Angul	6375	371	1380	1004	2755	43.22	43	84
Bolangir	6575	70	224	837	1131	17.2	151	142
Subarnapur	3806	23	127	234	380	9.98	30	48
Bargarh	5837	176	371	484	1031	17.66	88	47
Bouda	3098	263	546	480	1289	41.61	27	57
Bhadrak	2505	0	9	66	75	2.99	2	0
Cuttack	3932	53	226	517	796	20.24	11	68
Deogarh	2940	191	667	614	1472	50.07	-3	14
Dhenkanal	4452	174	418	825	1417	31.83	9	82
Gajapati	4325	84	1490	946	2520	58.27	12	262
Ganjam	8206	164	1075	864	2103	25.63	15	655
Jagatsinghpur	1668	0	5	131	136	8.15	6	0
Jajpur	2899	6	72	225	303	10.45	3	so
Jharsugada	2114	3	140	179	322	15.23	9	36
Kalahandi	7920	362	729	1327	2418	30.53	36	362
Kandhamal	8021	661	2588	2143	5392	67.22	16	380
Kendrapada	2644	84	88	133	305	11.54	14	2
Keonjhar	8303	289	1404	1519	3212	38.68	4	55
Khorda	2813	21	186	250	457	16.25	0	92
Koraput	8807	94	740	1255	2089	23.72	120	944
Malkangiri	5791	158	709	1475	2342	40.44	20	45
Mayurbhanj	10418	1335	1718	1027	4080	39.16	42	34
Nabarangpur	5291	168	428	507	1103	20.85	8	47
Nayagarh	3890	189	965	556	1710	43.96	28	173
Nuapada	3852	86	482	705	1273	33.05	33	109
Puri	3479	0	54	160	214	6.15	8	11

Rayagada	7073	422	853	1851	3126	44.2	7	349
Sambalpur	6624	499	1675	1106	3280	49.52	13	40
Subarnapur	2337	2	187	161	350	14.98	26	29
Sundargarh	9712	1019	1814	1431	4264	43.9	107	89
Grand Total	155707	6967	21730	23008	51345	32.98	885	4306

(Source: India state of forest report 2023-Odisha)

The major portion of the District is covered by forest (9.98 % of TGA) and has scattered settlement pattern. The forest is full of variety of medicinal plants, Kendu leaves, Bamboo, Sal, Teak and other timber species. The District has considerable flat land, which provides suitable site for agricultural use. The hilly areas are mostly under forest with patches of cultivation on scarp areas. Major crops grown in the District are rice and pulses. Only 12.50 percent area of agricultural use are net irrigated and major source of irrigations are well and tube wells.

6.2 Mining Land: Balangir district in Odisha is not particularly rich in mineral resources compared to other mineral-intensive districts like Keonjhar, Sundargarh, or Angul. However, the district does have some limited and localized occurrences of minerals that fulfill local industrial and construction needs. Sand and Clay (Most Abundant) River sand from the Mahanadi, Suktel, Tel and Ong rivers is extensively used in construction. Clay deposits are found in several areas, useful for making bricks and pottery. Laterite and morrum are found in small patches, primarily used for road construction and embankments. Gravel and stone chips are quarried in limited quantities for local infrastructure work. Total land covered for all these above mineral is chalked out tentatively 205.276 hectares which may increase in future with reconnaissance survey.

6.3 Agriculture Land:

The primary objective of Agriculture Department is to increase of production as well as productivity of major crops like Paddy, Groundnut, Mustard, Mung, Biri & vegetables which is widely covered in this District in both Kharif & Rabi season. Another key objective is to make all round development of the farming community of the District. The Deputy Director of Agriculture is the Head of office so far as agriculture is concerned & he is the Principal Agriculture Officer of the District. There are 5 District Agriculture Officers & the Block Level Officers are working under him. As it has already been pointed out, that agriculture is the main livelihood of the people in Balangir

District, it is therefore designated as the food bowl of Odisha. Rice is the principal crop grown in this District, followed by other cereals, pulses, oilseeds, vegetables, spices and sugarcane. The agricultural statistics for the District is shown in subsequent tables below in subsequent tables below:

Table – 5: Crop Coverage Area of Balangir District, Odisha

Major field crops cultivated	Area('000ha)							
	Kharif			Rabi			Summer	Grand total
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total		
Paddy	161097	43361	204.458	61.95	Data is not Available	61.950	39.42	305.828
Green gram	Data is not Available	6514	6.514	1.353	71.832	73.185	Data is not Available	79.699
Black gram	800	19741	20.541	0.238	3.972	4.210	Data is not Available	24.751
Cotton	Data is not Available	60988	60.988	Data is not Available	60.988			
Arhar	Data is not Available	20322	20.322	Data is not Available	20.322			

6.4 Horticulture Land:

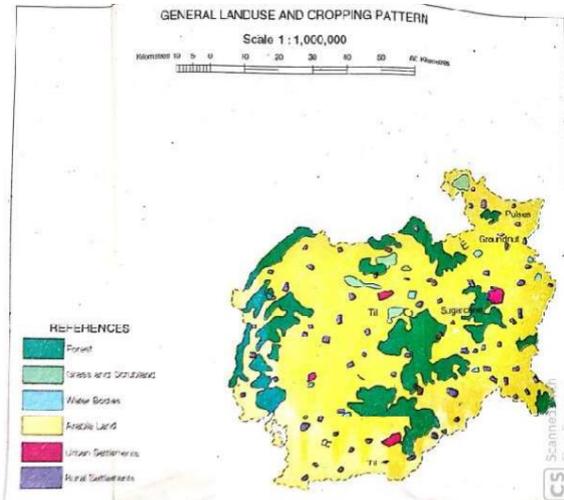
The primary objective of Horticulture Department is increase of production as well as productivity of major fruits like Mango, Guava, Citrus etc., which is widely covered in this District. Another key objective is the all round development of the farming community of the District. The Deputy Director of Horticulture is the head of office.

Table-6

Horticulture crops	Total Area (hectares)
Mango	6.985
Guava	1.009
Banana	0.509
Papaya	0.60
Litchi	0.60
Brinjal	7.690
Tomato	6.260
Onion	2.45
Chilli	1.888

Okra	0.749
Ginger	0.150
Turmeric	0.248

Source: SREP, Balangir. Orissa Agric.



7.0 SURFACE WATER AND GROUND WATER SCENARIO OF THE DISTRICT

7.1 Hydrogeology

The hydrogeological framework of the district is mainly controlled by the geological set up, rainfall distribution and the degree of secondary and primary porosities in the geological formations for storage and movement of ground water. Since major parts of the district are underlain by hard rocks of diverse lithological composition and structure, the water bearing properties of the formations also vary to a great extent. The area has undergone several phases of intense tectonic deformations which has been responsible for the development of deep seated intersecting fracture system. Hydrogeological surveys

in the district reveals the lithological characteristics and the role of tectonic deformation on the occurrence and distribution of ground water reservoirs and their water bearing and water yielding properties. Lineaments formed due to tensile deformation were picked up from remote sensing studies. The structural elements mainly control the occurrence and movement of groundwater in the typical fractured crystalline basement terrain. The major hydrogeologic units in the district can be subdivided into three broad groups.

- (i) Areas underlain by fractured, fissured and consolidated basement rock formations.
- (ii) Areas underlain by the semi consolidated (Gondwana) formation.

(iii) Areas underlain by recent unconsolidated alluvial formations. Water bearing properties of the Consolidated formations:

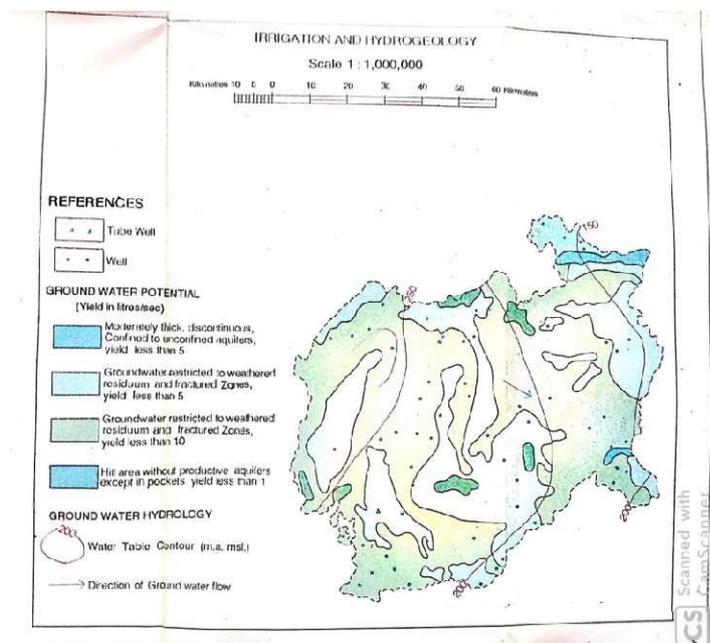
7.2 Depth of water level:

The crystalline rocks like Khondalites, granite gneisses, charnockites, quartzites and anorthosites, which are devoid of primary porosity, occupy about 95% of the area of the district. The weathered residuum and jointed & fractured portion of these consolidated rocks constitute principal water bearing horizons. The thickness of the weathered zone is generally more in the topographic lows and undulating plains than in the high land areas. Ground water occurs under phreatic condition in the weathered zone and in semi-confined to confined condition in deeper fractured zones. The water yielding capacity of fractured rocks largely depends on the extent of fracturing openness and size of fracture and nature of their inter connections. Usually two to four water bearing fractures occur down to a depth of 100m below ground level. Potential fracture zone is encountered even at depth of 178 m at Kanut (Block-Belpara). Granites and Granite Gneisses Including Bonai granite: These are the most predominant rock types occurring in the undulating plains and topographic lows. Depending upon the topographic set up, the depth of weathering ranges from 5.5m to 17.50m and occasionally extends up to 35.5m depth. The weathered residuum and fracture zones form principal aquifers. In deeper fracture zones ground water occurs under confined to semi-confined conditions. In general the deep bore wells in these rocks can sustain yield of 2 to 25 LPS depending upon topographic setting, proximity to the major lineaments, thickness of weathered residuum and number of saturated and interconnected fractures encountered. The granites and granite gneiss can be developed through open wells and borewells. High yielding wells are recorded in the western parts of the district where the discharge ranges from 10 to 25 LPS. Specific capacity of the dug wells tapping the weathered zone ranges from 6 to 286 LPM/M drawdown. Khondalites : These rocks generally form steep linear ridges hence don't form potential aquifers. Well foliated nature of these rocks allows deep weathering. In the pediment areas, the thickness of weathering is varying from 5 to 32m. Ground water occurs under water table condition in the weathered zone and circulates through deeper fractures. The yield of bore wells range from 1 to 5 LPS. The specific capacity of the dug wells ranges from 2.3 to 13.3 LPM/m draw down. Charnockite : These formations are of very much restricted occurrences in the district. Due to paucity of

joints and fractures the thickness of weathering in these formations is limited up to 10m. Due to the compact nature and less weathering, ground water prospects in charnockites are not good. Gabbro –anorthosites : The rheologic property of these rocks resembles with charnockite, Barring few locations dismal weathering and lack of fracturing renders these formation as a bad water yielder.

The Sp. Capacity of dug wells in anorthosite vary from 16 to 102 LPM/M drawdown. Quartzites : This unit also less fractured and weathered hence do not form good aquifers. However fractured quartzites along lineaments yield good amount of water. Pegmatite and quartz vein : These are coarse grained intrusives and form good aquifers when fractured. Semiconsolidated Formation : These are represented by rocks of lower Gondwana formations. These formations have faulted contact with the Precambrians. The friable and loosely connected sandstones form the aquifers. Ground water occurs under water table condition in the weathered zone and under semiconfined to confined condition in deeper fractured and friable sand stone beds. The yield of tube wells in these formation is meager (<1 LPS). Depth of the open wells in this formation ranges from 5 to 12 m bgl. Yield of the open wells in less than 3 LPS. Unconsolidated Formation: Laterites and alluvium of sub-Recent to Recent age constitute the unconsolidated formations. Laterites occur as capping over the older formations are tapped through dug wells. Recent alluvium occurs as thin discontinuous patches along prominent drainage channels. The thickness of the alluvial deposit varies from 6 to 12m and form potential shallow aquifers. The specific capacity of the dug wells in alluvium vary from 336 to 466 LPM/M draw down. Aquifer Characteristics of Crystalline: In the hard crystalline rock recharge of ground water from precipitation or seepage from surface water bodies percolate into the weathered (saprolite) zone. In case the underlying basement rocks (both weathered and fresh) are incised by open fractures, the downward movement of the water from the upper regolith zone (comprising the top soil and saprolite horizon) is facilitated. In the saprolite/regolith horizon ground water generally occurs under unconfined condition where as in the fractured bedrock aquifers it occurs under semi-confined to confined conditions. At places confined conditions give rise to the formation of auto flowing wells in the basement rocks as seen at Kantabanji (Block-Tureikela), Dokhra (Block-Belpara), Bhoipara (Block-Muribahal). The ground water potentials of various zones i.e. saprolite (tapped by dug wells), weathered basement rock and shallow fractured basement rock

horizon (tapped by the hand pumps) and deeper fractured basement rock (tapped by the deep boreholes by CGWB) vary considerably depending upon their lithological and structural characteristics. A total of 34 pumping tests were conducted in dug wells tapping the saprolite horizons of various rock formations. The various aquifer parameters were derived following methods given by Slichter (1906) and Hvorslev (1951). Perusal of all result indicates that granite gneiss forms the most potential aquifer both in shallow and deeper horizons followed by Khondalite, Calc Silicate rocks and anorthosites. Anorthosites and Gondwana sediments are poor water yielder in deeper horizons where as in the weathered horizon some considerable amount of yield may be obtained from the anorthosites. In unconsolidated alluvium the specific capacity of dug wells vary from 336-to 466-lpm/m drawdown. Although of limited extent the alluvium forms potential shallow aquifers. Depth of water level.



7.3 Ground Water Quality

Ground water in the phreatic aquifers in Balangir District slightly alkaline in nature, which is also colourless, odourless. The specific electrical conductance of ground water in phreatic zone at 25°C. The suitability of ground water for drinking purpose has been evaluated on the basis of pH, Total hardness (T.H), Ca, Cl, F and NO₃. The chemical concentration of these constituents is presented.

7.4 Ground Water Development

In the rural areas the entire water supply is dependent on ground water. Ground water development is mainly carried out in the District through dug wells and Hand pumps. In general dug wells are of 2 m diameter and the depth ranges between 8 to 15 m

depending on the thickness of the weathered zone, tapping the shallow aquifer in the weathered zone and uppermost slice of the basement. Large number of dug wells used for drinking water is under private ownership for which there is no reliable data.

Over the years Mark II/ Mark III hand pumps are being drilled in large numbers for ground water development. These hand pumps have the following two major advantages i) less susceptible to contamination from surface sources and ii) tap fractures between 20-60m depth which have been found to be less affected by seasonal water level fluctuation and thus have lesser chances of failure even during extreme summer. In rural areas of Balangir District the number of hand pumps drilled by PHED is 12311 of which 9342 are under working condition. There are 574 dug wells constructed by government departments that are under regular use. In the urban areas ground water plays a supplementary role in water supply, the major supply being made through dams, reservoirs or weirs across rivers or streams. No authentic data is available on the number of ground water structures catering the urban water supply.

As per the latest ground water resource estimation carried out adopting GEC 97 methodology, the overall stage of ground water development in Balangir District has been found to be 41 % indicating enough scope for future development. The ground water resources of Balangir District is given in the table.

7.5 Ground Water Related Issue and Problems

Some of key ground water related issues are

- I. Locating suitable sites for bore wells
- II. Suitable design of dug wells and hand pumps
- III. Taking up artificial recharge projects to augment the resource availability in Balangir District.
- IV. Optimal development of irrigation potential by developing ground water available for future uses.
- V. Creating public awareness for conserving ground water through awareness camps, NGO's and mass media.

7.6 Mass Awareness Campaign (MAP) & Water Management Training Programme (WMTP) by CGWB

NIL

7.7 Area Notified by Cgwb/Sgwa: None

7.8 RECOMMENDATIONS

As the District suffers from water scarcity, it is recommended to take artificial recharge at suitable locales. On the basis of the hydrogeological criteria such as post monsoon water level below 7 m bgl indicating availability of sufficient space in the unsaturated zone to retain additional water and availability of surplus surface runoff, 250 Sq kms area in Balangir District has been demarcated as suitable for artificial recharge. Through this 41.25 mcm water can be recharged. In the hard rock areas, pin pointing suitable sites for bore wells is always a challenge. Considering the anisotropy in distribution of fractures at deeper level, suitable sites may be selected using remote sensing techniques in association with geophysical and hydro- geological investigations. For deriving optimal benefit from aquifers in areas under fissured formation, the dug wells should be designed to penetrate the weathered zone as well as top part (1-2 m) of the underlying bed rock, so as to get the full benefit, from the total thickness of the shallow aquifer. For hand pumps and shallow tube wells the casing provided against the weathered zone should be slotted at the bottom so that the well can extract shallow ground water also. In urban areas use of shallow aquifers should be encouraged.

The surface run off in urban areas and its peripheral parts should be harnessed to augment the ground water resource through appropriate recharge techniques. For urban areas roof top rain water harvesting and artificial recharge is most suitable. Location and design of the structures should be guided by findings from hydrogeological and geophysical surveys. Sites for artificial recharge should be taken up at places where sufficient thickness of weathered zone as well as fracture/fracture zones is available. The depth of the recharge well should be governed by the depth of occurrence of the fractures.

8.0 RAINFALL OF THE DISTRICT AND CLIMATIC CONDITION

The south-west monsoon is the principal source of rainfall in the district. Average annual rainfall of the district is 1229.47mm. About 80% of the total rainfall is received during the period from June-September. Droughts are quite common in the district. The rainfall is scanty in the west and west central parts of the district i.e. in the

Patnagarh subdivision, which increases in east and southern directions. Block-wise average annual rainfall varies from 946.0 mm to 1492.10-mm.

8.1 Month wise rainfall:

The driest month is December, with very less amount of rain. There is on average 16.64 mm of precipitation in February. In August, the precipitation reaches its peak, with an average of 317.54 mm.

Table-7

Year		2021	2022	2023	Average
Sl. No.	Month	(mm)	(mm)	(mm)	(mm)
1	Jan	18.33	00	00	6.11
2	Feb	49.92	00	00	16.64
3	Mar	6.42	105.29	6.23	39.32
4	Apr	18.33	18.50	162.62	64.48
5	May	224.33	165.98	144.39	178.23
6	Jun	165.05	164.28	268.94	199.42
7	Jul	303.49	317.98	320.48	313.98
8	Aug	334.98	276.51	341.13	317.54
9	Sep	308.00	198.01	346.48	284.16
10	Oct	153.10	251.58	243.31	215.99
11	Nov	46.43	47.20	00	31.21
12	Dec	00	5.08	4.97	3.35
Total		1628.38	1550.41	1838.55	1672.44

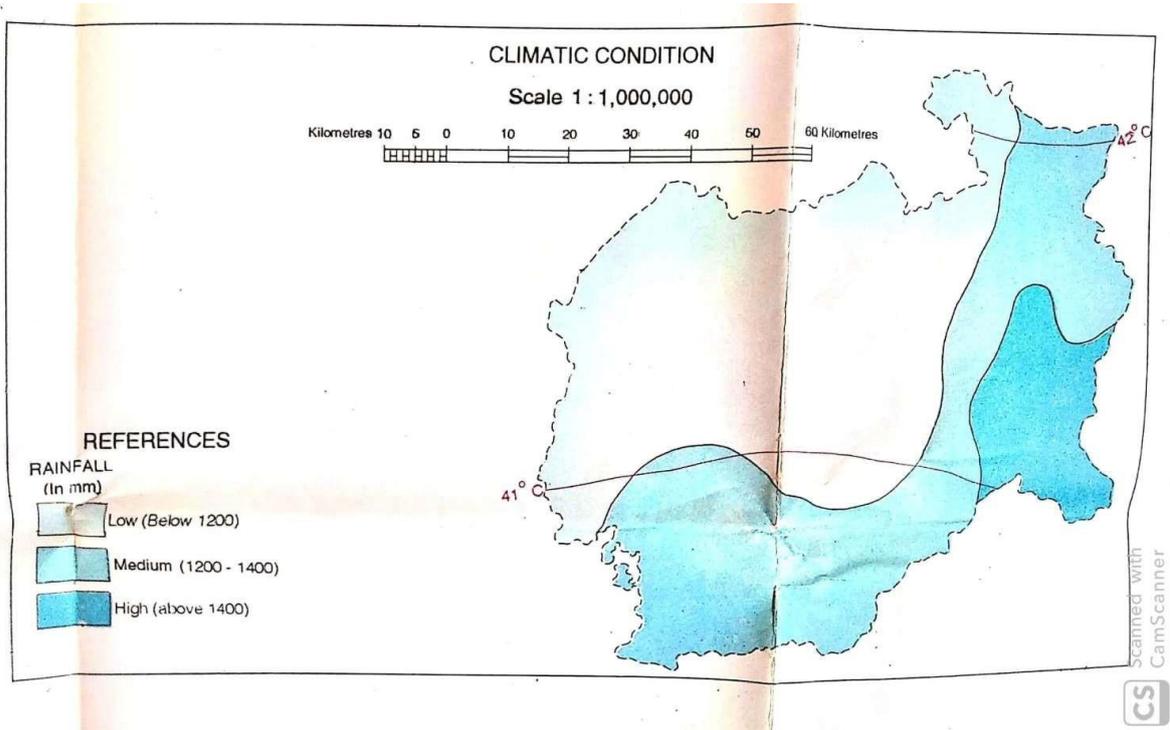
The Indian Meteorological Department, Bhubaneswar, vide letter No. BBS/RMC/CS-312, dated 18th January, 2016 has provided the period of Rainy Season viz. Normal dates of Onset and Withdrawal of South West Monsoon over India as state-wise. The duration for the period is 10th June to 15th October.

8.2 Climate

The climate of the district is tropical with hot and dry summer and pleasant winter. The summer season extends from March to middle of June followed by the rainy season from June to September. The winter season extends from November till the end of February. Humidity is high during middle of June and it's less in post-monsoon period. The relative humidity in the district varies from 26% to 84% through out the year. The mean monthly potential evapotranspiration value ranges from 45mm in December to 470 mm in May. Wind is generally light to moderate. During summer and Southwest monsoon months wind velocity increases. The mean annual wind speed is 3.3 Km/hr.

Temperature Graph- Balangir:

May is the warmest month of the year. The temperature in May averages 32.3 °C. January has the lowest average temperature of the year. It is 16.5 °C.



9.0 DETAILS OF MINING LEASE OF ROAD METAL IN THE DISTRICT

Table-8

S.I. No.	Name of the Tashasil	Name of the Mineral	Name of the lessee	Address & Contact number of the Lessee	Mining Lease Grant order No & Date	Area of Mining Lease in (Hc)	Period for Minig Lease		Period of Mining Lease 1st/ 2nd renewal		Date of Commencement of Mining Operation	Status (working /Non working/t emp. Working for dispatch etc)	captive/ Non captive	Obtain ed Environmental Clearance(yes/No). If yes Letter No with Date of grant of EC	Location of the Minor lease(Longitude/Latitude)	Method of Mining (open cast /under ground)
							From	To	From	To						
1	Loisingha	Thakurpali Stone Quarry	Sri Chandramani Patel	At-Pandarani, PO-Kutenpally, PS-Loisingha, Dist-Balangir 76702	10312 10163 8 Dt-03.07 .2021	Khata-44 Plot-477,479 Kisam-Patharchatana Ac-5.450 ha-2.025	03.07.21	02.07.26	Data is not available	Data is not available	03.07.21	Working	Non Captive	SEIAA 347/07/2020 DT-15.01.2021	Latitudes - 20°50'05 .85194"N to 20°49'57 .90264" N and Longitudes 83°22'03 .95674"E to	Open Cast

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				0											83°2'58.76999"E	
2	Loisingha	Pandarani Stone Quarry	Sayad Anwar Ali	AT/PO-Loisingha, Dist-Balangir, 767020	40312304178 Dt-18.12.2023	Khata-285 Plot-589 Kisam-Patharchatana Ac-10.00 Ha-4.046	18.12.2023	17.12.2028	Data is not available	Data is not available	18.12.2023	Working	Non Captive	258241/587-MINB2/02-2022	Latitudes - 20°52'59.00867"N to 20°52'49.48835"N and Longitudes 83°26'56.02595"E to 83°26'50.40148"E	Open Cast
3	Loisingha	Barkani Stone Quarry	Shri Sandeep Agrawal	AT-Jharmunda, PO-paradhiapalli, PS-Loisingha, 76720	10312201891 Dt-07.06.2022	Khata-30 Plot-1/P Kisam-Patharchatan Ha-4.856 ac-12.00	07.06.2022	06.06.2027	Data is not available	Data is not available	07.06.2022	Working	Non Captive	237490/70-MINB2/11-2021 25.01.2022	Latitudes - 20°51'11.05129"N to 20°51'16.47617"N and Longitudes 83°19'24.03524"E to 83°19'49.91417"E	Open Cast
4	Loisingha	Dumdu Stone Quarry	Sri Bhagirath Agrawal	At/PO/PS-Loisingha, 767020	10362200570 Dt-06.08.2022	Khata-163 Plot-851 Kisam-Patharchatana Ha-2.428 Ac-6.00	06.08.2022	05.08.2027	Data is not available	Data is not available	06.08.2022	Working	Non Captive	SIA/OR/MIN/237334/72-MINB2/11-2021 26.07.2022	Latitudes - 20°52'27.43824"N to 20°52'33.18672"N and Longitudes 83°29'30.94548"E to 83°29'38.67756"E	Open Cast
5	Loisingha	Babja Stone Quarry	Shri Ashis Kumar Agrawal	At-Sudpada, PS/Po-balan giri, PIN767001, Odisha	10312302487 Dt-25.07.2023	Khata-89 Plot-632,802,805,806,810 Kisam-Patharchatana Ha-3.350 Ac-8.28	25.07.2023	24.07.2028	Data is not available	Data is not available	25.07.2023	Working	Non Captive	SEIAA-1221/01-2021 06.07.2021	Latitudes - 20°49'57.86431"N to 20°49'50.27906"N and Longitudes 83°20'55.10934"E to 83°20'42.68991"E	Open Cast
6	Loisingha	Magurbeda	Senior	Balangir	Quarry	Khata-66 Plot-565	03.01.2022	02	Data is	Data	03.01.2022	Temp .Work	Non Captive	236936/49-	Latitudes -	Open

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	ng ha	Stone Quarry	Mana ger, Suktel (TP)		Permi t	Kisam- Patharch atana Ha- 1.214 Ac-3.00	22	. 0 1 .2 0 2 7	not avai labl e	is no t av ail abl e	22	ing		minb2/ 11- 2021 EC22B0 01OR15 2855	20°46'03 .75204"N to 20°46'07 .45896" N and Longitud es 83°21'36 .45108"E to 83°21'42 .51420"E	Cast
7	Lo isi ng ha	Banjip ali Stone Quarry	Sri Rahul Mishra	At/PO - Chhat makh ana,P S/Dist - Balangir, 767065	10362 20056 9 06.08 .2022	Khata- 120 Plot-91 Kisam- Patharch atana Ha- 0.745 Ac-1.820	11.0 7.20 23	1 0 .0 7 .2 0 2 8	Data is not avai labl e	Data is not av ail abl e	11.0 7.20 23	Worki ng	Non Captive	237347 /71- MINB2/ 11- 2021 18.02.2 022	Latitudes - 20°52'50 .11728"N to 20°52'44 .96480" N and Longitud es 83°30'03 .62520"E to 83°29'59 .09375"E	Ope n Cast
8	Lo isi ng ha	Uchh abapa li Stone Quarry-1	Mohit Kuma r Jain	AT- Uday anaga r, Near Railw ay statio n, Balangir, PO/P S- Balangir,76 7001	10312 30227 8 11.07 .2023	Khata-34 Plot- 597/P Kisam- Pahada Ha-4.65 Ac-11.50	11.0 7.20 23	1 0 .0 7 .2 0 2 8	Data is not avai labl e	Data is not av ail abl e	11.0 7.20 23	Worki ng	Non Captive	429795 /928- MINB2/ 05- 2023 19.06.2 023	Latitudes - 20°51'03 .65116"N to 20°50'55 .14506"N and Longitud es 83°20'44 .95815"E to 83°20'37 .95540"E	Ope n Cast
9	Lo isi ng ha	Uchh abapa li Stone Quarry-2	Mohit Kuma r Jain	AT- Uday anaga r, Near Railw ay statio n, Balangir, PO/P S- Balangir,76 7001	10312 30227 7 11.07 .2023	Khata-34 Plot- 597/P Kisam- Pahada Ha-4.65 Ac-11.50	11.0 7.20 23	1 0 .0 7 .2 0 2 8	Data is not avai labl e	Data is not av ail abl e	11.0 7.20 23	Worki ng	Non Captive	429842 /931- MINB2/ 05- 2023 19.06.2 023	Latitudes - 20°51'05 .44489"N to 20°50'56 .95550"N and Longitud es 83°20'37 .966685" E to 83°20'28 .27389"E	Ope n Cast
10	Lo isi ng ha	Uchh abapa li Stone	Ankit Agrawal	AT- Radh arani para,	10312 40184 4 26.06	Khata-34 Plot- 640/P Kisam-	30.0 6.20 23	2 9 .0	Data is not avai	Data is no	30.0 6.20 23	Worki ng	Non Captive	429858 /926- MINB2/ 05-	Latitudes - 20°50'56 .71353"N	Ope n Cast

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		Quarry-3		Balangir Town, PO/P S-Balangir, 767001	.2024	Pahada Ha-3.15 Ac-7.80		6.2028	label available				2023 30.06.2023	to 20°50'49.56172"N and Longitudes 83°21'02.85842"E to 83°20'56.72941"E	
11	Loisingha	Uchhabapali Stone Quarry-4	Manoj Kumar Agrawal	AT-Radharani para, Balangir Town, PO/P S-Balangir, 767001	10312401871 28.06.2024	Khata-34 Plot-639,640 Kisam-Pahada Ha-4.33 Ac-10.70	29.03.2022	28.03.2027	Data is not available	Data is not available	Working	Non Captive	429933/925-MINB2/05-2023 30.06.2023	Latitudes - 20°50'56.89220"N to 20°50'48.64949"N and Longitudes 83°21'13.17042"E to 83°21'04.35838"E	Open Cast
12	Loisingha	Uchhabapali Stone Quarry-5	Munal Agrawal	AT-Udayanagar, Near Railway station, Balangir, PO/P S-Balangir, 767001	10312302788 17.08.2023	Khata-34 Plot-597/P Kisam-Pahada Ha-3.09 Ac-7.65	23.02.2022	22.02.2027	Data is not available	Data is not available	Working	Non Captive	429940/930-MINB2/05-2023 30.06.2023	Latitudes - 20°50'56.57663"N to 20°50'50.03523"N and Longitudes 83°20'50.50534"E to 83°20'44.59993"E	Open Cast
13	Loisingha	Uchhabapali Stone Quarry-6	Pradeep Chandra Ratha, MD Durgacondev Pvt. Ltd	At-Khairapali, Kotsahi Potangi, District Cuttack 754022, Odisha	10312304180 18.12.2023	Khata-34 Plot-640/P Kisam-Pahada Ha-3.035 Ac-7.500	18.12.2023	17.12.2028	Data is not available	Data is not available	Working	Non Captive	EC23B001OR110673 429963/929-MINB2/05-2023	Latitudes - 20°50'57.72264"N to 20°50'50.00205"N and Longitudes 83°21'07.88760"E to 83°21'02.30934"E	Open Cast
14	Loisingha	Uchhabapali Stone Quarry-7	Khimji Patel	AT/P O-Gandhi Nagar para, Balan	10312402112 15.07.2024	Khata-34 Plot-597/P Kisam-Pahada Ha-3.035	15.07.2024	14.07.2022	Data is not available	Data is not available	Working	Non Captive	429987/924-MINB2/05-2023 30.06.2023	Latitudes - 20°50'56.71353"N to 20°50'50.83293"N	Open Cast

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				gir, 76700 1		Ac-7.50		0 2 9		abl e						and Longitud es 83°20'57 .58173"E to 83°20'50 .33075"E		
1 5	Lo isi ng ha	Uchh abapa li Stone Quarr y-8	Munal al Agral	AT- Uday anaga r, Near Railw ay statio n, Balan gir, PO/P S- Balan gir,76 7001	10312 30359 2 27.10 .2023	Khata-34 Plot- 751/P Kisam- Pahada Ha- 2.719 Ac-6.72	06.0 7.20 20	0 5 .0 6 .2 0 2 5		Da ta is not avai labl e		Da ta is not avai labl e	06.0 7.20 20	Worki ng	Non Capti ve	429998 /927- MINB2/ 05- 2023 01.07.2 023	Latitudes - 20°50'54 .97340"N to 20°50'46 .27935"N and Longitud es 83°21'17 .97806"E to 83°21'13 .02323"E	Ope n Cast
1 6	Lo isi ng ha	Uchh abapa li Stone Quarr y-9	Khimji Patel	AT/P O- Gand hi Nagar para, Balan gir, 76700 1	10312 20165 5 23.05 .2022	Khata-34 Plot- 714/P Kisam- Pahada Ha- 2.266 Ac-5.60	29.0 1.20 22	2 8 .0 1 .2 0 2 7		Da ta is not avai labl e		Da ta is not avai labl e	29.0 1.20 22	Worki ng	Non Capti ve	237192 /62- MINB2/ 11- 2021 18.02.2 022	Latitudes - 20°50'22 .79193"N to 20°50'17 .96267"N and Longitud es 83°20'47 .83976"E to 83°20'39 .34395"E	Ope n Cast
1 7	Lo isi ng ha	Taliud ar Stone Quarr y	Mohit Kuma r Jain	AT- Uday anaga r, Near Railw ay statio n, Balan gir, PO/P S- Balan gir,76 7001	EC Under Proce ss	Khata- 309 Plot- 1879,178 6,1790 Kisam- Patharch atan Ha-1.00 Ac-2.470	EC Not Obt aine d	E C N o t O b t a i n e d		Da ta is not avai labl e		Da ta is not avai labl e	Und er Proc ess	Non Worki ng	Non Capti ve	EC Under Process	Latitudes - 20°48'55 .61844"N to 20°49'03 .78732" N and Longitud es 83°23'12 .44164"E to 83°23'16 .72260"E	Ope n Cast
1 8	Lo isi ng ha	Uparu dar Stone Quarr y	Dhire ndra Kuma r Patel	At- Panda rani, PO- Kuten pally, PS- Loisin	10312 20263 6 03.08 .2022	Khata- 144 Plot-32/P Kisam- Patharch atan Ha- 2.832	29.0 7.20 22	2 8 .0 7 .2 0		Da ta is not avai labl e		Da ta is not avai labl e	29.0 7.20 22	Non Worki ng	Non Capti ve	SEIAA- 1223/0 1-2021 01.07.2 021	Latitudes - 20°49'48 .91800"N to 20°49'58 .17396" N and	Ope n Cast

				gha, Dist- Balangir 767020		Ac-7.00		27		e					Longitudes 83°21'59 .19660"E to 83°22'07 .24512"E	
19	Loisingha	Jamjori-A Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-19 Plot-194 Kisam- Dunguri Ac-4.00 Ha-1.618	Not Applicable	New Source for future Auction	Latitudes - 20°51'11 .71336"N to 20°51'15 .82507" N and Longitudes- 83°19'15 .05915"E to 83°19'19 .65056"E	Open Cast						
20	Loisingha	Jamjori-B Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-19 Plot-194 Kisam- Dunguri Ac-4.00 Ha-1.618	Not Applicable	New Source for future Auction	Latitudes - 20°51'06 .02550"N to 20°51'10 .13721" N and Longitudes- 83°19'17 .21780"E to 83°19'21 .80921"E	Open Cast						
21	Loisingha	Jamjori-C Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-19 Plot-194 Kisam- Dunguri Ac-4.00 Ha-1.618	Not Applicable	New Source for future Auction	Latitudes - 20°51'00 .26910"N to 20°51'04 .38081" N and Longitudes- 83°19'20 .37011"E to 83°19'24 .96152"E	Open Cast						
22	Loisingha	Babja -A Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-44 Plot-514 Kisam- Dunguri Ac-3.00 Ha-1.214	Not Applicable	New Source for future Auction	Latitudes - 20°49'41 .53079"N to 20°49'45 .64250"N and Longitudes- 83°20'48 .67623"E	Open Cast						

23	Loisingha	Babja-B Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-44 Plot-514 Kisam-Dunguri Ac-3.00 Ha-1.214	Not Applicable	New Source for future Auction	to 83°20'55.91455"E Latitudes - 20°49'37.85024"N to 20°49'43.80366"N and Longitudes- 83°20'53.80302"E to 83°20'58.98549"E	Open Cast					
24	Loisingha	Babja-C Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-44 Plot-514 Kisam-Dunguri Ac-3.00 Ha-1.214	Not Applicable	New Source for future Auction	Latitudes - 20°49'33.22457"N to 20°49'36.52251"N and Longitudes- 83°20'52.43245"E to 83°20'58.60001"E	Open Cast					
25	Loisingha	Babja-D Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-44 Plot-514 Kisam-Dunguri Ac-3.00 Ha-1.214	Not Applicable	New Source for future Auction	Latitudes - 20°49'34.29247"N to 20°49'38.40418"N and Longitudes- 83°20'46.02076"E to 83°20'51.93134"E	Open Cast					
26	Loisingha	Kandajori Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-305 & 306 Plot-381/2261 & 381/2453 Kisam-Dunguri Ac-1.45 Ha 0.586	Not Applicable	New Source for future Auction	Latitudes - 20°53'06.58260"N to 20°53'09.22682" N and Longitudes- 83°25'49.03045"E to 83°25'52.63055"E	Open Cast					

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27	Loisingha	Burda Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-355 Plot-35 Kisam-Patharchattan Ac-4.88 Ha-1.974	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	New Source for future Auction	Latitudes - 20°52'33.35024"N to 20°52'41.65846" N and Longitudes- 83°29'38.19297"E to 83°29'42.73298"E	Open Cast	
28	Belpada	Bahabal Stone Quarry	Sankar Prasad Jain	AT/P O-Belpada, Dist-Balangir, 767026	10322100525 22.03.2021	Khata-120, Plot-245,784, Kisam-Patharchatan, Ha-1.08 AC-2.69	22.03.2021	20.03.2026	Data is not available	Data is not available	22.03.2021	Working	Non Captive	SIA/OR/MIN/280397/2022 13.07.2022	Latitudes - 20°32'06.91105"N to 20°32'00.11988" N and Longitudes 82°58'55.32424"E to 82°58'48.58447"E	Open Cast
29	Belpada	Mandal-1 Stone Quarry	Sankar Prasad Jain	AT/P O-Belpada, Dist-Balangir, 767026	10322100524 22.03.2021	Khata-229, Plot-34, Kisam - Pathachatan, Ha-4.50 ac-11.12	22.03.2021	21.03.2026	Data is not available	Data is not available	22.03.2021	Working	Non Captive	SEIAA-866/11-2020 08.02.2021	Latitudes - 20°35'12.78444"N to 20°34'56.29906" N and Longitudes 83°00'11.06351"E to 82°59'56.21710"E	Open Cast
30	Belpada	Tara Stone Quarry	Sankar Prasad Jain	AT/P O-Belpada, Dist-Balangir, 767026	10322100567 26.03.2021	Khata-119, Plot-979, Kisam-Patharchatan, Ha-2.50 AC-6.20	08.11.2023	07.11.2028	Data is not available	Data is not available	08.11.2023	Working	Non Captive	SIA/OR/MIN/280482/2022 13.07.2022	Latitudes - 20°40'06.45318"N to 20°40'01.85434" N and Longitudes 82°59'31.47346"E to 82°59'19.04247"E	Open Cast
31	Belpada	Mandal-2 Stone Quarry	Sanjib Kumar Thaku	AT/P O-Mandal,	10322100751 16.06	Khata-229 Plot-219,228,	16.06.2021	15.0	Data is not available	Data is not available	16.06.2021	Non Working	Non Captive	SEIAA-379/07-2020 14.12.2	Latitudes - 20°35'10.99380"N	Open Cast

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		y	r	PS-Belpada, Balangir, 767026	.2021	348 Kisam-Patharchatan Ha-1.736 Ac-4.29		6.2026	labe	t available				020	to 20°34'40.84256" N and Longitudes 83°00'59.50112"E to 83°00'49.48054"E	
32	Belpada	Dakara Stone Quarry	Jitesh Tank	AT-Buro mal, PO-Bichhubahali, PS-Kantabanji, 767039	1032210038502.03.2021	Khata-126 Plot-174,183 Kisam-Patharchatan Ha-1.08 Ac-2.68	07.02.2023	06.02.2028	Data is not available	Data is not available	07.02.2023	Working	Non Captive	SEIAA-864/11-2020 08.02.2021	Latitudes - 20°31'11.89658"N to 20°31'07.05505" N and Longitudes 83°00'36.53035"E to 83°00'26.58687"E	Open Cast
33	Belpada	Dunguripalli Stone Quarry	Sanjay Kumar Lath	AT/PO/PS-kantabanji, Balangir	1032210027012.02.2021	Khata-104 Plot-256,143,144,298,318,378,384,385,256/1239,256/120,256/1281,256/1242,256/1242,338,356,382,332,337 Kisam-Patharchatan Ha-3.023 Ac-7.47	09.11.2021	08.11.2026	Data is not available	Data is not available	09.11.2021	Working	Non Captive	SIA/OR/MIN/266520/2022 27.04.2022	Latitudes - 20°30'11.50560"N to 20°30'17.61660" N and Longitudes 82°53'44.27016"E to 82°53'53.54584"E	Open Cast
34	Belpada	Malihar Stone Quarry	Prasant Pal	AT/PO/PS-Belpada	1032210001805.01.2021	Khata-76 Plot-633 Kisam-Patharchatan Ha-2.67 Ac-6.60	19.01.2021	18.01.2026	Data is not available	Data is not available	19.01.2021	Working	Non Captive	SEIAA-354/07-2020 16.12.2020	Latitudes - 20°37'49.73797"N to 20°37'39.28737" N and Longitudes 83°01'17.12251"E to 83°01'11.70063"E	Open Cast
35	Belpada	Admunda	Haribandh	AT/PO/PS-	1032210056	Khata-58, Plot-	15.01.2021	1.04	Data is	Data	15.01.2021	Non Working	Non Captive	SIA/OR/MIN/2	Latitudes -	Open

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	ad a	Stone Quarr y	u Mehe r	Belpa da, Balan gir	9 26.03 .2021	66,Kisam -Dunguri , Ha- 1.982 Ac-4.90	21	. 0 1 .2 0 2 6	not avai labl e	is no t av ail abl e	21	ng		62408/ 2022 28.03.2 022	20°42'44 .41695"N to 20°42'39 .18951" N and Longitud es 82°53'54 .56242"E to 82°53'43 .38070"E	Cast
36	Be lp ad a	Bhulia band h Stone Quarr y	Mohit Kuma r Agra wal	AT/P O- Kanta banji, Dist- Balan gir	25.09 .2021	Khata-53, Plot- 07,Kisam -Dunguri , Ha- 2.023 Ac-5.00	25.0 9.20 21	2 4 .0 9 .2 0 2 6	Dat a is no t av ail abl e	Da ta is no t av ail abl e	25.0 9.20 21	Non Work ing	Non Captive	SIA/OR /MIN/2 63803/ 2022 06.04.2 022	Latitudes - 20°36'18 .32731"N to 20°36'12 .18382" N and Longitud es 83°04'30 .21012"E to 83°04'22 .84853"E	Ope n Cast
37	Be lp ad a	Ghag urli Stone Quarr y	G.D Minin g Pvt. Ltd.	347, Santo sh Ray Road, Kolkat a	668 Dt. 12.11 .2024	Khata- 214, Plot- 14,Kisam -Dunguri , Ha- 4.303 Ac-10.63	12.1 1.20 24	1 1 .1 1 .2 0 2 9	Dat a is no t av ail abl e	Da ta is no t av ail abl e	12.1 1.20 24	Non Work ing	Non Captive	EC Under Process	Latitudes - 20°38'05 .13"N to 20°38'14 .21" N and Longitud es 82°55'01 .76"E to 82°55'11 .71"E	Ope n Cast
38	Be lp ad a	Reng ali-A Stone Quarr y	Propo sed	New Sourc e For Futur e Auctio n	Not Applic able	Khata- 110 Plot-327 Kisam- Dunguri Ac-3.00 Ha-1.214	Not Appl icab le	N o t A p p l i c a b l e	Not App lica ble	No t Ap pli ca ble	Not Appl icab le	Not Appl icab le	Not Appl icab le	New Source for future Auction	Latitudes - 20°36'33 .00504"N to 20°36'36 .70558" N and Longitud es- 82°51'49 .34906"E to 82°51'53 .70062"E	Ope n Cast
39	Be lp ad a	Reng ali-B Stone Quarr y	Propo sed	New Sourc e For Futur e Auctio n	Not Applic able	Khata- 110 Plot-327 Kisam- Dunguri Ac-3.00 Ha-1.214	Not Appl icab le	N o t A p p l i c a b l e	Not App lica ble	No t Ap pli ca ble	Not Appl icab le	Not Appl icab le	Not Appl icab le	New Source for future Auction	Latitudes - 20°36'27 .86541"N to 20°36'31 .56594"N and	Ope n Cast

								c a b l e							Longitud es- 82°51'48 .04702"E to 82°51'52 .39858"E	
40	Be lp ad a	Reng ali-C Stone Quarr y	Propo sed	New Sourc e For Futur e Aucti on	Not Applic able	Khata- 110 Plot-327 Kisam- Dunguri Ac-3.00 Ha-1.214	Not Appl icab le	N o t A p p l i c a b l e	Not App licab le	No t A p p l i c a b l e	Not Appl icab le	Not Appl icab le	Not Appl icab le	New Source for future Auction	Latitudes - 20°36'28 .61922"N to 20°36'32 .26836"N and Longitud es- 82°51'53 .82911"E to 82°51'58 .18067"	Ope n Cast
41	Be lp ad a	Reng ali-D Stone Quarr y	Propo sed	New Sourc e For Futur e Aucti on	Not Applic able	Khata- 110 Plot-360 Kisam- Dunguri Ac-2.24 Ha-0.906	Not Appl icab le	N o t A p p l i c a b l e	Not App licab le	No t A p p l i c a b l e	Not Appl icab le	Not Appl icab le	Not Appl icab le	New Source for future Auction	Latitudes - 20°36'38 .56850"N to 20°36'44 .70394" N and Longitud es 82°51'55 .48170"E to 82°52'02 .59153"E	Ope n Cast
42	Be lp ad a	Barab hali Stone Quarr y	Propo sed	New Sourc e For Futur e Aucti on	Not Applic able	Khata-29 Plot-243 Kisam- Dunguri Ac-3.75 Ha-1.517	Not Appl icab le	N o t A p p l i c a b l e	Not App licab le	No t A p p l i c a b l e	Not Appl icab le	Not Appl icab le	Not Appl icab le	New Source for future Auction	Latitudes - 20°42'48 .57490"N to 20°42'54 .78529" N and Longitud es- 82°53'45 .15285"E to 82°53'50 .12802"E	Ope n Cast
43	Be lp ad a	Baga dora Stone Quarr y	Propo sed	New Sourc e For Futur e Aucti on	Not Applic able	Khata- 111 Plot-1203 Kisam- Pathar Chatan Ac-5.71 Ha-2.310	Not Appl icab le	N o t A p p l i c a b l e	Not App licab le	No t A p p l i c a b l e	Not Appl icab le	Not Appl icab le	Not Appl icab le	New Source for future Auction	Latitudes - 20°35'33 .62470"N to 20°35'44 .95117" N and Longitud es- 82°51'09 .04403"E	Ope n Cast

44	Belpada	Mandal-3 Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-225/363 Plot-4 Kisam-Atta Mamuli Ac-6.12 Ha-2.476	Not Applicable	New Source for future Auction	to 82°51'19.16911"E Latitudes - 20°35'10.28019"N to 20°35'17.09278" N and Longitudes- 82°59'56.19512"E to 83°00'03.48056"E	Open Cast						
45	Belpada	Mandal-4 Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-225/362 Plot-58 Kisam-Atta Mamuli Ac-4.95 Ha-2.003	Not Applicable	New Source for future Auction	Latitudes - 20°35'02.69777"N to 20°35'11.80135" N and Longitudes- 82°59'56.23698"E to 83°00'05.09539"E	Open Cast						
46	Belpada	Sargimunda Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-48 Plot-173 Kisam-Gochar Ac-7.00 Ha-2.832	Not Applicable	New Source for future Auction	Latitudes - 20°40'44.96600"N to 20°40'50.89799" N and Longitudes- 82°54'46.27097"E to 82°54'55.49661"E	Open Cast						
47	Belpada	Mundagan Stone Quarry-A	Proposed	New Source For Future Auction	Not Applicable	Khata-106 Plot-863 Kisam-Patharchatan Ac-8.00 Ha-3.237	Not Applicable	New Source for future Auction	Latitudes - 20°37'23.30247"N to 20°37'31.61322" N and Longitudes- 82°56'55.62323"E to 82°57'02.51326"E	Open Cast						
4	Be	Mund		New	Not	Khata-	Not	N	Not	No	Not	Not	Not	New	Latitudes	Ope

8	Ip ad a	agan Stone Quarr y-B	Propo sed	Sourc e For Futur e Auc tion	Applic able	106 Plot-836 Kisam- Patharch atan Ac-4.00 Ha-1.618	Appl icab le	o t A p p l i c a b l e	App lica ble	t Ap pli ca ble	Appl icab le	Appl icab le	Applica ble	Source for future Auction	- 20°37'21 .98849"N to 20°37'30 .35282" N and Longitud es- 82°56'49 .80994"E to 82°56'56 .68971"E	n Cast
49	D eo ga on	Bahali Stone Quarry	Biswa jit Patra	AT/P O/PS- Deoga on, Balang ir 76702 9	10352 10002 3 13.01 .2021	Khata- 107 Plot-1147 Kisam- Patharch atan Ha- 0.339 Ac-0.84	13.0 1.20 21	12 .0 1 .2 0 2 6	Data is not avail able	Data is not avail able	13.0 1.20 21	Worki ng	Non Captive	SEIAA- 352/07- 2020 17.12.2 020	Latitudes - 20°31'05 .58067"N to 20°31'08 .29611" N and Longitud es 83°23'37 .50062"E to 83°23'40 .15181"E	Ope n Cast
50	D eo ga on	Sunar ijore Stone Quarry-B	Rahul Agrawal	AT/P O/PS- Kanta banji, Balang ir 76703 9	10352 30086 5 18.10 .2023	Khata-58 Plot-279 Kisam- Dunguri Ha- 0.809 Ac-2.00	18.1 0.20 23	17 .1 0 .2 0 2 8	Data is not avail able	Data is not avail able	18.1 0.20 23	Non Worki ng	Non Captive	EC24C0 108OR5 398477 T, 272036 /1202- MINB2/ 10- 2022, 18.06.2 024	Latitudes - 20°41'23 .18"N to 20°41'19 .93" N and Longitud es 83°17'34 .96"E to 83°17'28 .28"E	Ope n Cast
51	D eo ga on	Gudk hapa a Stone Quarry	Data is not avail able	TO BE AUCT ION	Data is not avail able	Khata- 181 Plot- 586,588, 619,789 Kisam- Patharch atan Ha- 1.267 Ac-3.13	Data is not avail able	Data is not avail able	Data is not avail able	Data is not avail able	Data is not avail able	Non Worki ng	Data is not avail able	Data is not avail able	Latitudes - 20°32'56 .15126"N to 20°33'23 .00700" N and Longitud es 83°33'09 .70295"E to 83°33'35 .46366"E	Ope n Cast
52	D eo ga on	Gadd war	Data is not avail able	TO BE	Data is not avail able	Khata-41 Plot-	Data is not avail able	Data is not avail able	Data is not avail able	Data is not avail able	Data is not avail able	Non Worki ng	Data is not avail able	Data is not avail able	Latitudes -	Ope n Cast

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	ga on	Stone Quarry	available	AUCTION	available	138/671 Kisam-Patharchatan Ha-0.526 Ac-1.30	not available	ta is not available	not available	is not available	not available	ng	available	available	20°35'29.72880"N to 20°35'31.32894"N and Longitudes 83°23'24.58665"E to 83°23'30.66712"E	Cast
53	Deogaron	Ghatuldunguri Stone Quarry	Biswajit Patra	AT/P O-Deogaron	10.08.2021	Khata-46 Plot-132 Kisam-Dunguri Ha-1.626 Ac-4.02	10.08.2021	09.08.2026	Data is not available	Data is not available	10.08.2021	Non Working	Non Captive	SEIAA-353/07-2020	Latitudes - 20°35'15.018"N to 20°35'30.513"N and Longitudes 83°15'24.916"E to 83°15'44.388"E	Open Cast
54	Deogaron	Mundapala Stone Quarry	Sadhu Mahakur	At-Mundapala PS-Deogaron Balangir 767067	10352100062 29.01.2021	Khata-116 Plot-544 Kisam-Dunguri Ha-0.404 Ac-1.00	29.01.2021	28.01.2026	Data is not available	Data is not available	29.01.2021	Non Working	Non Captive	SEIAA-413/07-2020 17.12.2020	Latitudes - 20°33'28.38132"N to 20°33'25.73441"N and Longitudes 83°34'48.42230"E to 83°34'45.97669"E	Open Cast
55	Deogaron	Sirabahal Stone Quarry	Niraj Agrawal	At-Palaceline, Balangir Town, PO/P S-Balangir, Dist-Balangir	10352200596 27.07.2022	Khata-77 Plot-748 Kisam-Dunguri Ha-5.00 Ac-12.35	27.07.2022	26.07.2027	Data is not available	Data is not available	27.07.2022	Non Working	Non Captive	EC24C0108OR522225T, 03.04.2024	Latitudes - 20°33'36.39087"N to 20°33'45.71502"N and Longitudes 83°26'22.66205"E to 83°26'35.17792"E	Open Cast
56	Deo	Sunarijore	Non Working	For Future	11.01.2021	Khata-58 Plot-	11.01.2021	10	Data is	Data	11.01.2021	Non Working	Non Captive	EC23B001OR18	Latitudes -	Open

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	ga on	Stone Quarr y-A	ng	e Auctio n		279,545 Kisam- Dunguri Ha- 2.237 Ac-8.00	21	. 0 1 .2 0 2 6	not avai labl e	is no t av ail abl e	21	ng		7009, 272031 /1201- MINB2/ 10- 2022,	19°23'11 .14"N to 19°23'15 .76" N and Longitud es 82°11'32 .26"E to 82°11'35 .84"E	Cast
5 7	Ba la ng ir	Mank adach uan Stone Quarr y	Shri Ankus h Prasa d Hota	At/Po - Puint ala, Dist- Balan gir	Regd no.31 21000 37 Dt.05. 01.20 21	Khata-96 Plot-1149 Kisam- Dunguri Ha-3.50 Ac-1.416	05.0 1.20 21	0 4 .0 0 1 .2 0 2 6	Dat a is no t av ail abl e	Da ta is no t av ail abl e	05.0 1.20 21	Worki ng	Non Captive	SEIAA- 255/06- 2020 Dt.17.1 2.2020	Latitudes - 20°37'34 .71492"N to 20°37'40 .30680" N and Longitud es 83°30'32 .31360"E to 83°30'36 .83232"E	Ope n Cast
5 8	Ba la ng ir	Santel en Stone Quarr y	Tahas ildar Balan gir	For temp orary permi tt	15.09 .2021	Khata-67 Plot-29 Kisam- Patharch atan Ha-1.09 Ac-2.71	15.0 9.20 21	1 4 .0 9 .2 0 2 6	Dat a is no t av ail abl e	Da ta is no t av ail abl e	15.0 9.20 21	Non Worki ng	Captive	SEIAA- 1754/0 7-2021 Dt.15.0 9.2021	Latitudes - 20°44'47 .23729"N to 20°44'41 .68649" N and Longitud es 83°17'45 .75281"E to 83°17'36 .62824"E	Ope n Cast
5 9	Ba la ng ir	Harda tal Stone Quarr y	Khem ji Bhai Patel	At- Gand hi Nagar , Balan gir Town, Dist- Balan gir	Regd no.31 21006 46 Dt.02. 03.20 21	Khata-94 Plot-9 Kisam- Patharch atan Ha-2.10 Ac-5.20	02.0 3.20 21	0 1 .0 3 .2 0 2 6	Dat a is no t av ail abl e	Da ta is no t av ail abl e	02.0 3.20 21	Non Worki ng	Non Captive	SEIAA- 120/03- 2020 Dt.14.1 2.2020	Latitudes - 20°44'12 .78924"N to 20°44'.1 8.01032" N and Longitud es 83°20'41 .02620"E to 83°20'49 .30620"E	Ope n Cast
6 0	Ba la ng ir	Dhulu sar Stone quarr y	Khem ji Bhai Patel	At- Gand hi Nagar , Balan gir Town,	Regd no.31 21012 04 Dt.13. 04.20 21	Khata- 125 Plot- 108,110 & 113 Kisam- Patharch atan	13.0 4.20 21	1 2 .0 4 .2 0	Dat a is no t av ail abl e	Da ta is no t av ail abl e	13.0 4.20 21	Worki ng	Non Captive	SEIAA- 314/07- 2020 Dt.15.0 1.2021	Latitudes - 20°43'56 .86968"N to 20°43'49 .47204" N and	Ope n Cast

				Dist-Balangir		Ha-1.91 Ac-4.71		26		e					Longitudes 83°18'41 .87124"E to 83°18'32 .20992"E		
61	Balangir	Basupali Stone quarry-1	Abhijit Panigrahi	At-Sadai pali, Po- Sindur- baha- li, Dist- Balangir	31250 0976 Dt.- 27.03 .2025	Khata-14 Plot-101 Kisam- Kudar Ha-1.78 Ac-4.40	27.0 3.20 25	26 .0 3 .2 0 3 0		Data is not avail- able	Data is not avail- able	27.0 3.20 25	Non Work- ing	Non Captive	EC- 23B001 OR1415 82 file no- 429149 /1211- MINB2/ 05- 2023 Dt.20.0 6.2023	Latitudes - 20°37'35 .66306"N to 20°37'30 .00089" N and Longitud- es 83°27'03 .44884"E to 83°26'54 .98327"E	Open Cast
62	Balangir	Basupali Stone Quarry-2	Niraj Agrawal	At-Palac- e field, Mukh- ya dak- ghar, Balangir, 76700 1	31250 1018 Dt.28. 03.20 25	Khata-14 Plot-79 Kisam- Kudar Ha- 2.023 Ac-5.00	28.0 3.20 25	27 .0 3 .2 0 3 0		Data is not avail- able	Data is not avail- able	28.0 3.20 25	Non Work- ing	Non Captive	EC- 23B001 OR1438 68 file no- 429072 /1212- MINB2/ 05- 2023 Dt.30.0 6.2023	Latitudes - 20°37'34 .26865"N to 20°37'29 .23114" N and Longitud- es 83°27'02 .96935"E to 83°26'52 .41910"E	Open Cast
63	Balangir	Basupali Stone Quarry-3	Niraj Agrawal	At-Palac- e field, Mukh- ya dak- ghar, Balangir, 76700 1	31250 1020 Dt.28. 03.20 25	Khata-14 Plot-79 Kisam- Kudar Ha- 2.023 Ac-5.01	28.0 3.20 25	27 .0 3 .2 0 3 0		Data is not avail- able	Data is not avail- able	28.0 3.20 25	Non Work- ing	Non Captive	EC- 23B001 OR1739 62 file no- 129091 /1213- MINB2/ 05- 2023 Dt.30.0 6.2023	Latitudes - 20°37'33 .06503"N to 20°37'26 .75476" N and Longitud- es 83°27'01 .51428"E to 83°26'49 .86153"E	Open Cast
64	Balangir	Basupali Stone Quarry-4	Niraj Agrawal	At-Palac- e field, Mukh- ya dak- ghar, Balangir, 76700 1	31250 1019 Dt. 28.03 .2025	Khata-14 Plot-79 Kisam- Kudar Ha- 2.023 Ac-5.02	28.0 3.20 25	27 .0 3 .2 0 3 0		Data is not avail- able	Data is not avail- able	28.0 3.20 25	Non Work- ing	Non Captive	EC- 23B001 OR1848 41 file no- 429084 /1214- MINB2/ 05- 2023 Dt.30.0 6.2023	Latitudes - 20°37'31 .62015"N to 20°37'25 .59574" N and Longitud- es 83°27'01 .48209"E	Open Cast

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65	Balangir	Basupali Stone Quarry-5	Abhijit Panigrahi	At-Sadai pali, Po-Sindurbahal, Dist-Balangir	31250 0975 Dt. 27.03 .2025	Khata-14 Plot-79/A, 101/A Kisam-Kudar Ha-1.482 Ac-4.50	27.0 3.20 25	26 03 20 30	Data is not available	Data is not available	27.0 3.20 25	Non Working	Non Captive	EC-23B001 OR1344 36 file no-429165 /1215-MINB2/ 05-2023 Dt.30.06.2023	to 83°26'49 .13513"E Latitudes - 20°37'29 .49234"N to 20°37'24 .16425" N and Longitud es 83°27'00 .72530"E to 83°26'48 .53893"E	Open Cast
66	Balangir	Bhutarbahal Stone quarry-A	Niraj Agrawal	At-Palace field, Mukhya dakghar, Balangir, 767001	Regd no.35 24005 97 Dt.26. 07.20 24	Khata-243 Plot-1721 Kisam-Dunguri Ha-1.461 Ac-4.00	26.0 7.20 24	25 07 20 29	Data is not available	Data is not available	26.0 7.20 24	Non Working	Non Captive	EC-24B001 OR1103 90 file no-416336 /921-MINB2/ 04-2023 Dt.08.07.2024	Latitudes - 20°35'56 .46661"N to 20°35'50 .69137" N and Longitud es 83°20'46 .41214"E to 83°20'40 .699986" E	Open Cast
67	Balangir	Bhutarbahal Stone Quarry-B	Niraj Agrawal	At-Palace field, Mukhya dakghar, Balangir, 767001	Regd no.35 24005 95 Dt.26. 07.20 24	Khata-243 Plot-1721 Kisam-Dunguri Ha-1.214 Ac-3.00	26.0 7.20 24	25 07 20 29	Data is not available	Data is not available	26.0 7.20 24	Non Working	Non Captive	EC-24B001 OR1388 52 file no-416435 /920-MINB2/ 04-2023 Dt.20.03.2024	Latitudes - 20°35'59 .47301"N to 20°35'54 .69618" N and Longitud es 83°20'37 .24742"E to 83°20'34 .00191"E	Open Cast
68	Balangir	Bhutarbahal Stone Quarry-C	Niraj Agrawal	At-Palace field, Mukhya dakghar, Balangir, 767001	Regd no.35 24005 96 Dt.26. 07.20 24	Khata-243 Plot-1721 Kisam-Dunguri Ha-0.809 Ac-2.00	26.0 7.20 24	25 07 20 29	Data is not available	Data is not available	26.0 7.20 24	Non Working	Non Captive	EC-24B001 OR1713 83 file no-416477 /922-MINB2/ 04-2023 Dt.20.03.2024	Latitudes - 20°35'56 .26074"N to 20°35'53 .93967" N and Longitud es 83°20'30 .72106"E to 83°20'26 .35342"E	Open Cast

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69	Balangir	Fatkr a Stone Quarry	Niraj Agrawal	At- Palace field, Mukhya dakghar, Balangir, 767001	Regd no.35 22006 09 Dt.03. 08.20 22	Khata- 151 Plot-1236 & 1276 Kisam- Patharch atan Ha- 3.277 Ac-8.10	03.0 8.20 22	02. 08. 20 27	Data is not avail able	Data is not avail able	03.0 8.20 22	Worki ng	Non Captive	SEIAA- 316/07- 2020 Dt.15.0 1.2021	Latitudes - 20°38'32 .78738"N to 20°38'24 .43376" N and Longitud es 83°20'25 .83633"E to 83°20'18 .62713"E	Open Cast
70	Balangir	Rajamunda Stone Quarry	Niraj Agrawal	At- Palace field, Mukhya dakghar, Balangir, 767001	Regd. No.35 22006 08 Dt.03. 08.20 22	Khata- 114 Plot-887 Kisam- Dunguri Ha- 0.809 Ac-2.00	03.0 8.20 22	02. 08. 20 27	Data is not avail able	Data is not avail able	03.0 8.20 22	Worki ng	Non Captive	SIA/OR /MIN/2 71701/ 2022 Dt.02.0 6.2022	Latitudes - 20°36'37 .80152"N to 20°36'42 .45329" N and Longitud es 83°20'08 .43834"E to 83°20'15 .66861"E	Open Cast
71	Balangir	Bhanpur- III Stone Quarry	Umakanta Naik	At- Sinkhaman , Po- Sikachhida, Dist- Balangir, 767029	Regd. No.31 21006 95 Dt.01. 03.20 21	Khata-59 Plot-444 Kisam- Patharch atan Ha- 0.404 Ac-1.00	01.0 3.20 21	28. 02. 20 26	Data is not avail able	Data is not avail able	01.0 3.20 21	Non Worki ng	Non Captive	SEIAA- 313/07- 2020 Dt.15.0 1.2021	Latitudes - 20°38'05 .84010"N to 20°38'02 .75375" N and Longitud es 83°26'19 .77825"E to 83°26'17 .80977"E	Open Cast
72	Balangir	Barkani Stone Quarry	Shubhranshu Panigrahi	Udaya Nagar , Balangir Town, Balangir, 767001	Regd. No.31 21008 14 Dt.16. 03.20 21	Khata-30 Plot-1/P Kisam- Patharch atan Ha- 0.744 Ac-1.84	16.0 3.20 21	15. 03. 20 26	Data is not avail able	Data is not avail able	16.0 3.20 21	Non Worki ng	Non Captive	SEIAA- 312/07- 2020 Dt.18.0 1.2021	Latitudes - 20°44'30 .06433"N to 20°44'33 .31446" N and Longitud es 83°27'09 .34822"E to 83°27'13 .55287"E	Open Cast
73	Khaparakh	Chitikamal Stone Quarry	Shri Mukesh Agrawal	At- Nayasadak, Pada	Regd no.40 32220 2092	Khata-42 Plot-112 Kisam- Patharch	28.1 1.20 22	27. 01	Data is not avail	Data is not avail	28.1 1.20 22	Worki ng	Non Captive	EC22B0 01OR17 4286 File No-	Latitudes - 20°47'18 .11343"N	Open Cast

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	ol	y	wal	mpur, Po/Ps - Pada mpur, Dist- Barga rh, 76803 6	Dt.28. 11.20 22	atan Ha- 0.267 Ac-0.66		1 . 2 0 2 7	labl e	t av ail abl e				241977 /114- MINB2/ 12- 2021 Dt.18.0 2.2022	to 20°47'16 .40707" N and Longitud es 83°02'22 .90571"E to 83°02'19 .90931"E	
74	Kh ap ra kh ol	Karua njhar Stone Quarr y-1	Shri Ajit Kuma r Sahoo	Projec t Mana ger Shri Durga Cond ev Pvt Ltd, Cutta ck	30.06 .2021	Khata- 126 Plot-1484 Kisam- Dunguri Ha- 2.104 Ac-5.20	30.0 6.20 21	2 9 . 0 6 . 2 0 2 6	Dat a is not avai labl e	Da ta is not avai abl e	30.0 6.20 21	Non Work ing	Non Captive	EC22B0 01OR19 7470 File No- 252072 /227- MINB2/ 02- 2022 Dt.17.0 3.2022	Latitudes - 20°38'13 .09377"N to 20°38'05 .70436" N and Longitud es 82°45'09 .82062"E to 82°45'02 .13269"E	Ope n Cast
75	Kh ap ra kh ol	Bagh amun da Stone Quarr y	Shri Siyara m sharm a	At/Po - Pada mpur, Ps- Rajab ubasa mbar, Dist- Barga rh	Regd no.10 32200 0535 Dt.14. 05.20 20	Khata- 132 Plot-321, 319 Kisam- Patharch atan Ha-1.7 Ac-4.28	14.0 5.20 20	1 3 . 0 5 . 2 0 2 5	Dat a is not avai labl e	Da ta is not avai abl e	14.0 5.20 20	Work ing	Non Captive	EC24B0 01OR19 0249 File No- 441479 /442- MINB2/ 10- 2023 Dt.26.0 4.2024	Latitudes - 20°49'00 .40272"N to 20°48'49 .45529" N and Longitud es 83°05'45 .73323"E to 83°05'40 .33119"E	Ope n Cast
76	Kh ap ra kh ol	Karua njhar Stone Quarr y -3	Propo sed	New Sourc e For Futur e Auctio n	Not Applic able	Khata- 126 Plot-1461 Kisam- Dunguri Ac-17.68 Ha-7.154	Not Appl icab le	N o t A p p l i c a b l e	Not App lica ble	No t Ap pli ca ble	Not Appl icab le	Not Appl icab le	Not Appl icab le	New Source for future Auction	Latitudes - 20°37'56 .56620"N to 20°38'11 .03496" N and Longitud es- 83°44'51 .79584"E to 83°45'04 .29084"E	Ope n Cast
77	M uri ba ha l	Andal darah Stone Quarr y	Pruthi raj Patra	At- Andal darah , Po- Badas aimar a, Dist-	Regd no.33 21015 99 Dt.21. 09.20 21	Khata-71 Plot-932 Kisam- Patharch atan Ha- 0.809 Ac-2.00	21.0 9.20 21	2 0 . 0 9 . 2 0	Dat a is not avai labl e	Da ta is not avai abl e	21.0 9.20 21	Work ing	Non Captive	SEIAA- 1170/0 1-2021 Dt.30.0 6.2021	Latitudes - 20°29'30 .73784"N to 20°29'25 .76267" N and	Ope n Cast

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				Balangir				26		e						Longitudes 83°01'46.65598"E to 83°01'37.09251"E	
78	Muri bahal	Hadhada Stone Quarry	Lokesh Roshan Mishra	At/Post - Kantabanji, Dist-Balangir, 767039	Regd no.342200676 Dt.10.05.2022	Khata-37 Plot-177 Kisam-Patharchatan Ha-0.809 Ac-2.00	10.05.2022	09.05.2027	Data is not available	Data is not available	10.05.2022	Working	Non Captive	EC-22B001 OR1134 69 File no.248 466/509-MINB2/12-2021 Dt.11.03.2022	Latitudes - 20°21'43.44041"N to 20°21'39.79897"N and Longitudes 83°00'04.19426"E to 83°00'00.97342"E	Open Cast	
79	Muri bahal	Tengra Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-62 Plot-124 & 125 Kisam-Dunguri Ac-7.00 Ha-2.832	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	New Source for future Auction	Latitudes - 20°29'39.93544"N to 20°29'47.71945"N and Longitudes 83°02'00.39845"E to 83°02'09.98841"E	Open Cast	
80	Muri bahal	Ranabandh-A Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-130 Plot-667 Kisam-Patharchatana Ac-3.96 Ha-1.602	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	New Source for future Auction	Latitudes - 20°17'38.85114"N to 20°17'43.67083"N and Longitudes 83°04'51.57483"E to 83°04'58.55445"E	Open Cast	
81	Muri bahal	Ranabandh-B Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-130 Plot-579 Kisam-Patharchatana Ac-1.38 Ha-0.558	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	New Source for future Auction	Latitudes - 20°17'34.14247"N to 20°17'37.41899"N and Longitudes 83°04'36.42020"E	Open Cast	

82	Muri bahal	Dejuri Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-268 Plot-327 Kisam-Patharchatana Ac-1.62 Ha-0.655	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	New Source for future Auction	Latitudes - 83°04'41.24393"E to 20°16'27.26235"N to 20°16'30.15339"N and Longitudes 83°04'47.64319"E to 83°04'51.86197"E	Open Cast	
83	Muri bahal	Sargul Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-109 Plot-848 Kisam-Patharchatana Ac-1.32 Ha-0.534	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	New Source for future Auction	Latitudes - 20°30'01.57464"N to 20°30'06.63718"N and Longitudes 83°06'17.83602"E to 83°06'23.14698"E	Open Cast	
84	Puintala	Janipali Stone Quarry	Shri Rajkishore Naik	At/Po - Bhale, Dist-Balangir	Regd no.10312101627 Dt.02.07.2021	Khata-51 Plot-400 Kisam-Dunguri Ha-0.817 Ac-2.02	02.07.2021	01.07.2026	Data is not available	Data is not available	02.07.2021	Working	Non Captive	SEIAA-1171/01-2021 Dt.24.05.2021	Latitudes - 20°40'37.06382"N to 20°40'31.84709"N and Longitudes 83°33'53.77316"E to 83°33'50.73221"E	Open Cast
85	Puintala	Badbarkahal Stone Quarry	Shri Akash Panda	At-Rugudipara, Po/Dist-Balangir	Regd no.-10312202542 Dt.27.07.2022	Khata-77 Plot-628 Kisam-Parbata Ha-2.023 Ac-5.00	27.07.2022	26.07.2027	Data is not available	Data is not available	27.07.2022	Working	Non Captive	EC22B001OR110885 File No-268009/261-MINB2/04-2022 Dt.30.06.2022	Latitudes - 20°37'34.09530"N to 20°37'40.58646"N and Longitudes 83°36'52.61805"E to 83°36'56.44912"E	Open Cast
8	Pu	Bileik	Shri	At-	Regd	Khata-	02.0	0	Dat	Da	02.0	Worki	Non	SEIAA-	Latitudes	Ope

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687	intala	ani Stone Quarry	Ankush Prasad Hota	Tikirapada, Po/Dist-Balangir	no.-10312101402 Dt.02.06.2021	130 Plot-32 Kisam-Dunguri Ha-2.023 Ac-5.00	6.2021	1062026	ais not available	ta is not available	6.2021	ng	Captive	1114/1-2020 Dt.30.03.2021	-20°37'50.13143"N to 20°37'45.93353"N and Longitudes 83°35'07.41520"E to 83°35'01.05739"E	n Cast
87	Pu intala	Badb urkabal Stone Quarry-B	Mr. Sai Baba Stone Crusher	C/o Aditya prasad Pati, Rameswara Nagar, Dist-Balangir	Regd no.-10312101632 Dt.03.07.2021	Khata-77 Plot-628/P Kisam-Dunguri Ha-2.023 Ac-5.00	03.07.2021	02072027	Data is not available	Data is not available	03.07.2021	Worki ng	Non Captive	SEIAA-1168/01-2021 Dt.24.05.2021	Latitudes -20°37'41.69244"N to 20°37'34.88016"N and Longitudes 83°36'51.98832"E to 83°36'48.48228"E	Ope n Cast
88	Pu intala	Mahadevpa li Stone Quarry	Shri Akash Panda	At-Rugudipara, Po/Dist-Balangir	Regd no.-10312203079 Dt.14.09.2022	Khata-60 Plot-135 Kisam-Patharchatan Ha-0.809 Ac-2.00	14.09.2022	13092027	Data is not available	Data is not available	14.09.2022	Worki ng	Non Captive	EC22B001OR120227 File No-267823/259-MINB2/04-2022 Dt.17.08.2022	Latitudes -20°38'06.20223"N to 20°38'02.88686"N and Longitudes 83°32'36.65898"E to 83°32'33.03982"E	Ope n Cast
89	Pu intala	Duhel Stone Quarry-C	Shri Suryanarayan Sahu	At/Po - Tarabha, Dist-Subarnapur	Regd no.-10312101890 Dt.02.07.2021	Khata-105 Plot-225 Kisam-Patharchatan Ha-2.020 Ac-5.00	02.07.2021	01072026	Data is not available	Data is not available	02.07.2021	Worki ng	Non Captive	SEIAA-1167/01-2021 Dt.24.05.2021	Latitudes -20°37'43.36998"N to 20°37'40.48832"N and Longitudes 83°36'01.77644"E to 83°35'59.20744"E	Ope n Cast
90	Pu intala	Kutenpali Stone Quarry	Shri Anurag Agrawal	Railway station Road,	Regd no.-10311600957	Khata-126 Plot-574 Kisam-Patharch	28.06.2016	29006	Data is not available	Data is not available	28.06.2016	Non Worki ng	Non Captive	SEIAA-444 Dt.30.16.2016	Latitudes -20°38'03.26008"N to	Ope n Cast

				Dist-Balangir	Dt.28.06.2016	atan Ha-2.020 Ac-5.00		2021	available						20°37'45.02561" N and Longitudes 83°35'08.04048"E to 83°34'54.92822"E	
91	Puntala	Patharla-B Stone Quarry	Sri Krutibas Mishra	At-Bhaja balpur, Po-Dharamsala, Dist-Subarnapur	Data is not available EC Under Process	Khata-108 Plot-766 Kisam-Dunguri Ha-2.020 Ac-5.00	Data is not available	Non Working	Non Captive	EC Under Process	Latitudes - 20°38'51.11376"N to 20°38'43.28844" N and Longitudes 83°36'48.00888"E to 83°36'42.81336"E	Open Cast				
92	Puntala	Patharla Stone Quarry-A	Proposed	New Source For Future Auction	Not Applicable	Khata-108 Plot-766 Kisam-Dunguri Ac-5.00 Ha-2.023	Not Applicable	Not Applicable	Not Applicable	New Source for future Auction	Latitudes - 20°38'45.42132"N to 20°38'50.35109" N and Longitudes- 83°36'34.25818"E to 83°36'41.30377"E	Open Cast				
93	Titilagarh	Burdipada-A Stone Quarry	Gourav Sabhrwal	At-Tikirapada, Po-Titilagarh, Dist-Balangir	Regd no.33 22015 78 Dt.21.07.2022	Khata-189 Plot-1226 Kisam-Patharchatan Ha-1.618 Ac-4.00	21.07.2022	20072027	Data is not available	Data is not available	21.07.2022	Working	Non Captive	SEIAA-854/11-2020 Dt.05.02.2021	Latitudes - 20°17'45.94302"N to 20°17'41.17172" N and Longitudes 83°11'17.00969"E to 83°11'13.62309"E	Open Cast
94	Titilagarh	Burdipada-B Stone	Ajit Sahu	At-Burdipada, Po-	Regd no.33 22002 07	Khata-189 Plot-1226 Kisam-	02.02.2022	0120	Data is not available	Data is not available	02.02.2022	Working	Non Captive	SEIAA-851/11-2020 Dt.02.0	Latitudes - 20°17'44.83514"N	Open Cast

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		Quarry		Desil, Titilagarh Dist-Balangir	Dt.02.02.2022	Patharchatan Ha-1.618 Ac-4.00		2027	label available					2.2021	to 20°17'42.35194" N and Longitudes 83°11'26.37776"E to 83°11'17.586327" E	
95	Titilagarh	Burdipada-C Stone Quarry	Mishra Pradhani	At/Po - Sirol, Titilagarh Dist-Balangir	Regd no.332202340 Dt.08.12.2022	Khata-189 Plot-1226 Kisam-Patharchatan Ha-1.618 Ac-4.00	08.12.2022	0712027	Data is not available	Data is not available	08.12.2022	Non Working	Non Captive	SEIAA-853/11-2020 Dt.05.02.2021	Latitudes - 20°17'42.31477"N to 20°17'35.02505" N and Longitudes 83°11'32.79902"E to 83°11'26.93651"E	Open Cast
96	Titilagarh	Desil-A Stone Quarry	Shri Amarjit Bag	Malgo dampa, At/Po - Titilagarh Dist-Balangir	10332202338 Dt.08.12.2022	Khata-178 Plot-940/P Kisam-Dunguri Ha-1.214 Ac-3.00	08.12.2022	0712027	Data is not available	Data is not available	08.12.2022	Working	Non Captive	SEIAA-852/11-2020 Dt.02.02.2021	Latitudes - 20°16'10.04239"N to 20°16'06.01279" N and Longitudes 83°10'44.27912"E to 83°10'38.68426"E	Open Cast
97	Titilagarh	Desil-B Stone Quarry	Shri Manoj Kumar Goel	At/Po - Titilagarh (Sardiguda), Dist-Balangir	Regd no-332102193 Dt.22.12.2021	Khata-178 Plot-940 Kisam-Dunguri Ha-1.214 Ac-3.00	22.12.2021	2112026	Data is not available	Data is not available	22.12.2021	Working	Non Captive	SEIAA-855/11-2020 Dt.05.02.2021	Latitudes - 20°16'13.14804"N to 20°16'08.30820" N and Longitudes 83°10'40.23876"E to 83°10'36.39612"E	Open Cast
98	Titilagarh	Desil-C Stone Quarry	Shri Manoj Kumar Goel	At/Po - Titilagarh (Sardiguda), Dist-	10332201930 Dt.16.09.2022	Khata-178 Plot-940 Kisam-Dunguri Ha-1.214	16.09.2022	15092	Data is not available	Data is not available	16.09.2022	Working	Non Captive	SEIAA-805/11-2020 Dt.02.02.2021	Latitudes - 20°16'09.54120"N to 20°16'15.06828"	Open Cast

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				Balangir		Ac-3.00		027		able					N and Longitudes 83°10'37.63596"E to 83°10'43.45464"E	
99	Titilagarh	Desil-D Stone Quarry	Shri Premchand Jain	At/Po - Titilagarh, Dist-Balangir	Regd no.- 332100780 Dt. 04.06.2021	Khata-178 Plot-940 Kisam-Dunguri Ha-1.214 Ac-3.00	04.06.2021	03062026	Data is not available	Data is not available	04.06.2021	Working	Non Captive	SEIAA-865/11-2020 Dt.02.02.2021	Latitudes - 20°16'11.31348"N to 20°16'06.47220"N and Longitudes 83°10'44.71500"E to 83°10'40.23876"E	Open Cast
100	Titilagarh	Sihini Stone Quarry	Shri Gajendra Chhatar	At/Po - Sihini, Titilagarh, Dist-Balangir	Regd no.- 3321613 Dt. 24.09.2021	Khata-223 Plot-108 Kisam-Patharchatan Ha-1.214 Ac-3.00	24.09.2021	23092026	Data is not available	Data is not available	24.09.2021	Working	Non Captive	SEIAA-950/12-2020 Dt.09.03.2021	Latitudes - 20°15'41.85153"N to 20°15'37.31238"N and Longitudes 83°08'10.08601"E to 83°08'06.02912"E	Open Cast
101	Titilagarh	Sihini-2 Stone Quarry	Shri Binod Sahu	At/Po - Sihini, PS-Titilagarh, Dist-Balangir	EC Under Process	Khata-223 Plot-108 Kisam-Patharchatan Ha-0.809 Ac-2.00	Data is not available		Non Working	Non Captive	to be obtained	Latitudes - 20°15'45.98658"N to 20°15'42.88718"N and Longitudes 83°08'07.09905"E to 83°08'04.08805"E	Open Cast			
102	Titilagarh	Turla Stone Quarry	Shri Khyamanidhi Chhura	At/Po - Jagua, Titilagarh, Dist-Balangir	Regd no.- 332101857 Dt. 11.11.2021	Khata-196 Plot-1031 Kisam-Dunguri Ha-	11.11.2021	101111	Data is not available	Data is not available	11.11.2021	Working	Non Captive	SEIAA-949/12-2020 Dt.22.09.2021	Latitudes - 20°15'52.00566"N to 20°15'49	Open Cast

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				st-Balangir	21	1.618 Ac-4.00		2026		available					.08892" N and Longitudes 83°08'07.06625"E to 83°08'00.52839"E	
103	Titilagarh	Dumdu mi Stone Quarry	Shri Subas Chandra Sahu	At-Sagad ghat, Po-Siker, Titilagarh, Dist-Balangir	Regd no.-33210 Dt.24.03.2021	Khata-40 Plot-62(A) & 172 (A) Kisam-Pahada Ha-1.012 Ac-2.50	24.03.2021	23032026	Data is not available	Data is not available	24.03.2021	Non Working	Non Captive	SEIAA-793/10-2020 Dt.08.02.2021	Latitudes - 20°20'54.90708"N to 20°20'50.59428" N and Longitudes 83°11'28.99932"E to 83°11'25.37916"E	Open Cast
104	Titilagarh	Nirmula-III Stone Quarry	Shri Mukesh Kumar Jain	At-Kursud, Ps-Sindh ekela, Dist-Balangir	Regd no.-33220 Dt.04.02.2022	Khata-144 Plot-1292 Kisam-Dunguri Ha-0.404 Ac-1.00	04.02.2022	030022027	Data is not available	Data is not available	04.02.2022	Working	Non Captive	EC22B001OR198409 File No-225334/33-MINB2/08-2021 Dt.31.01.2022	Latitudes - 20°10'38.22783"N to 20°10'35.73586" N and Longitudes 82°58'55.41907"E to 82°58'52.69711"E	Open Cast
105	Titilagarh	Kotm ara-II Stone Quarry	Shri Manpati Mugri	At-Kotm ara, Po-Kursud, Ps-Sindh eikela, Dist-Balangir	Regd no.-33220 Dt.07.12.2022	Khata-108 Plot-487 Kisam-Patharch atan Ha-0.607 Ac-1.50	07.12.2022	06122027	Data is not available	Data is not available	07.12.2022	Working	Non Captive	SEIAA-1169/01-2021 Dt.24.05.2021	Latitudes - 20°12'00.29510"N to 20°11'57.29698" N and Longitudes 82°56'27.85442"E to 82°56'24.15113"E	Open Cast
106	Titilagarh	Junap ada Stone Quarry	Shri Markanda Bagarti	At/Po - Naren ,Ps-Titilagarh, Dist-Balangir	Regd no.-33220 Dt.16.03.2022	Khata-24 Plot-1 Kisam-Dunguri Ha-0.809 Ac-2.00	16.03.2022	15032027	Data is not available	Data is not available	16.03.2022	Working	Non Captive	EC22B001OR194685 File No-249032/168-MINB2/12-2021 Dt.11.0	Latitudes - 20°15'10.86048"N to 20°15'06.94440" N and Longitudes	Open Cast

														3.2022	83°05'17 .21076"E to 83°05'13 .29612"E	
107	Titlagarh	Gandhargala Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-54 Plot-1 Kisam-Patharchatana Ac-3.93 Ha-1.590	Not Applicable	New Source for future Auction	Latitudes - 20°14'00 .78378"N to 20°14'08 .97999" N and Longitudes 83°02'32 .50303"E to 83°02'42 .22281"E	Open Cast						
108	Titlagarh	Junapada-B Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-24 Plot-1 Kisam-Dunguri Ac-3.00 Ha-1.214	Not Applicable	New Source for future Auction	Latitudes - 20°15'11 .02286"N to 20°15'13 .55250" N and Longitudes 83°04'48 .31008"E to 83°04'55 .23146"E	Open Cast						
109	Titlagarh	Junapada-C Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-24 Plot-1 Kisam-Dunguri Ac-4.00 Ha-1.618	Not Applicable	New Source for future Auction	Latitudes - 20°15'06 .11707"N to 20°15'08 .04444" N and Longitudes- 83°05'00 .74142"E to 83°05'11 .64146"E	Open Cast						
110	Titlagarh	Junapada-D Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-24 Plot-1 Kisam-Dunguri Ac-3.00 Ha-1.214	Not Applicable	New Source for future Auction	Latitudes - 20°15'09 .56149"N to 20°15'12 .97934" N and Longitudes- 83°04'38 .66727"E to 83°04'46	Open Cast						

111	Bangomunda	Borbahal Stone Quarry	Non Working	For Temporary Permit	01.07.2021	Khata-105 Plot-1174 Kisam-Patharchatan Ac-0.600 Ha-0.242	01.07.2021	30.06.2026	Data is not available	Data is not available	01.07.2021	Non Working	Non Captive	SEIAA-370/07-2020, Dt-16.12.2020	.83929"E Latitudes - 20°19'20.23453"N to 20°19'22.80349"N and Longitudes 82°53'34.53714"E to 82°53'38.64714"E	Open Cast
112	Bangomunda	Barlabahali Stone Quarry	Sri Sachin Agrawal	At/Po - Bangomunda, Dist-Balangir, Odisha	10342100989 Dt-21.10.2021	Khata-54 Plot-1/431 Kisam-Dunguri Ac-3.00 Ha-1.214	21.10.2021	20.10.2026	Data is not available	Data is not available	21.10.2021	Working	Non-Captive	SEIAA-1667/05-2021, Dt-22.09.2021	Latitudes - 20°17'55.87905"N to 20°17'49.98962"N and Longitudes 82°49'03.54603"E to 82°48'57.25398"E	Open Cast
113	Bangomunda	Sahajot Stone Quarry	Sri Giridhari Lal Agrawal	At/Po - Babebir, Dist-Nuapada, Odisha-766118	05.08.2022	Khata-61 Plot-447 Kisam-Dunguri Ac-3.800, Ha-1.537	05.08.2022	04.08.2027	Data is not available	Data is not available	05.08.2022	Non Working	Non-Captive	SIA/OR/MIN/263135/2022, Dt-27.04.2022	Latitudes - 20°18'44.88949"N to 20°18'54.33220"N and Longitudes 82°54'03.09002"E to 82°53'59.82635"E	Open Cast
114	Bangomunda	Deheli Stone Quarry-A	Smt Devindra Seluja	At-Kantabanji, Balangir, Odisha	10342100270, Dt-09.03.2021	Khata-107 Plot-709 Kisam-Parabat Ac-1.500, Ha-0.607	09.03.2021	08.03.2026	Data is not available	Data is not available	09.03.2021	Non Working	Non-Captive	N/A	Latitudes - 20°13'46.15078"N to 20°13'43.99214"N and Longitudes 82°57'36.89618"E to 82°57'33.61600"E	Open Cast
115	Bangomunda	Sanagama	Sri Ramesh	At/Po - Bhulia	10342100051, Dt-	Khata-96 Plot-3 Kisam-	12.01.2021	1.01.2021	Data is not available	Data is not available	12.01.2021	Working	Captive	SEIAA-343/07-2020	Latitudes - 20°22'57	Open Cast

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	m un da	Stone Quarr y-C	Chan dra Mehe r	sikua n, Ps- Khari ar, Dist- Nuap ada	12.01 .2021	Dunguri, Ac-3.00 Ha-1.214		0 1 . 2 0 2 6	ava ilabl e	no t av ailabl e				Dt- 17.12.2 020	.87480"N to 20°22'52 .72104" N and Longitud es 82°49'01 .95240"E to 82°48'54 .83304"E	
1 1 6	Ba ng o m un da	Sanag amada Stone Quarr y-D	Sri Baiku ntha Mehe r	At/Po - Balu munda, Bang omunda, Dist-Balan gir, Odisha	11342 20026 3, Dt- 06.02 .2022	Khata-96 Plot-70 Kisam- Patharch atan Ac-4.800 Ha-1.942	06.0 2.20 22	0 5 . 0 2 . 2 0 2 7	Dat a is not av ailabl e	Da ta is not av ailabl e	06.0 2.20 22	Worki ng	Non- Captive	SIA/OR /MIN/2 67993/ 2022, Dt- 04.05.2 022	Latitudes - 20°22'49 .15476"N to 20°22'36 .85944" N and Longitud es 82°49'03 .59904"E to 82°48'56 .61504"E	Ope n Cast
1 1 7	Ba ng o m un da	Sindh bhadi Stone Quarr y-I	Sri Laxmi Chand Mittal	At/Po - Babe bir, Dist- Nuap ada, Odisha	10321 00383 Dt- 06.04 .2021	Khata-86 Plot-85 Kisam- Patharch atan Ac-6.040, Ha-2.44	06.0 4.20 21	0 5 . 0 4 . 2 0 2 6	Dat a is not av ailabl e	Da ta is not av ailabl e	06.0 4.20 21	Worki ng	Non- Captive	SEIAA- 792/10- 2020, Dt- 12.03.2 021	Latitudes - 20°17'16 .19404"N to 20°17'25 .03422" N and Longitud es- 82°50'32 .62007"E to 82°50'39 .23992"E	Ope n Cast
1 1 8	Ba ng o m un da	Sanag amada Stone Quarr y-B	Sri Subra t Agrawal MD of M/s D.D Builde rs Ltd.	At/Po - Ladug aon, Ps- Koksara, Dist- Kalandi- 76602 4	10342 10065 2 Dt- 27.07 .2021	Khata-96 Plot-3 Kisam- Dunguri Ac-3.00, Ha-1.214	20.0 7.20 21	1 9 . 0 7 . 2 0 2 6	Dat a is not av ailabl e	Da ta is not av ailabl e	20.0 7.20 21	Worki ng	Non- Captive	SEIAA- 889/11- 2020, Dt- 15.02.2 021	Latitudes - 20°22'59 .42906"N to 20°22'54 .91555"N and Longitud es- 82°48'59 .96954"E to 82°48'53 .78369"E	Ope n Cast
1 1 9	Ba ng o m un da	Salem udga Stone Quarr y-B	Sri Sachin Agrawal	At/Po /PS- Bang omunda, Dist- Balan	10342 10026 4 Dt- 02.03 .2021	Khata-40 Plot-398 Kisam- Dunguri Ac-4.00, Ha-1.618	02.0 3.20 21	0 1 . 0 3 . 2	Dat a is not av ailabl e	Da ta is not av ail	02.0 3.20 21	Worki ng	Captive	SEIAA- 867/11- 2020, Dt- 08.02.2 021	Latitudes - 20°14'35 .95056"N to 20°14'31 .93044 N	Ope n Cast

				gir				0 2 6		abl e					and Longitud es- 82°56'48 .14412"E to 82°56'43 .48032"E	
1 2 0	Ba ng o m un da	Bhirk apada Stone Quarr y	Sri Rakis hor Kumb har	At/Po - Chulip hunka Ps- Bang omun da,Dis t- Balan gir- 76704 0	10342 10004 3 Dt- 01.04 .2020	Khata-83 Plot-127, Kisam- Dunguri(Patharch atan) Ac-0.470, Ha-0.190	01.0 4.20 20	3 1 · 0 3 · 2 0 2 5	Dat a is not avai labl e	Da ta is not avai labl e	01.0 4.20 20	Worki ng	Non- Captive	SIA/OR /MIN/2 71063/ 2022, Dt- 11.05.2 022	Latitudes - 20°18'27 .92520"N to 20°18'25 .69104"N and Longitud es- 82°53'36 .30804"E to 82°53'34 .74564"E	Ope n Cast
1 2 1	Ba ng o m un da	Sanag amad a Stone Quarr y-A	Sri Subra t Agral MD of M/s D.D Builde rs Ltd.	At/Po - Ladug aon, Ps- Koksa ra, Dist- Kalah andi- 76602 4	10342 30031 4 Dt- 08.08 .2022	Khata-96 Plot-3 Kisam- Dunguri Ac-3.00 Ha-1.214	08.0 8.20 22	0 7 · 0 8 · 2 0 2 7	Dat a is not avai labl e	Da ta is not avai labl e	08.0 8.20 22	Worki ng	Non- Captive	SIA/OR /MIN/2 92414/ 2022 Dt- 11.11.2 022	Latitudes - 20°23'01 .82760"N to 20°22'57 .02556" N and Longitud es- 82°48'59 .62644"E to 82°48'53 .46576"E	Ope n Cast
1 2 2	Ba ng o m un da	Dehel i Stone Quarr y	Propo sed	New Sourc e For Futur e Aucti on	Not Applic able	Khata- 107 Plot- 84/864 Kisam- Parbata Ac-4.00 Ha-1.618	Not Applic able	N o t A p p l i c a b l e	Not Applic able	No t Ap pli c a b l e	Not Applic able	Not Applic able	Not Applic able	New Source for future Auction	Latitudes - 20°14'02 .94086"N to 20°14'09 .27975" N and Longitud es- 82°57'29 .01788"E to 82°57'22 .59333"E	Ope n Cast
1 2 3	Ka nt ab an ji	Sand hibah ali Stone Quarr y	Sri Sanja y Kumar Agral	At/Po - Bhulia sikuan, Ps- Khari ar, Nuap ada	10341 70095 1 Dt- 01.11 .2017	Khata-28 Plot-341 Kisam- Patharch atan Ac- 6.00 Ha-2.42	01.1 1.20 17	0 1 · 1 1 · 2 0 2 2	Dat a is not avai labl e	Da ta is not avai labl e	01.1 1.20 17	Non Worki ng	Non- Captive	Data is not availab le	Latitudes - 20°21'28 .24334"N to 20°21'36 .89506 N and Longitud es- 82°46'31	Ope n Cast

															.44504"E to 82°46'38 .67480"E	
1 2 4	Kant ab an ji	Maha khand Stone Quarr y-I	Sri Saroj Kuma r Mehe r	At/Po - Bhulia sikua n,Ps- Khari ar, Nuap ada	10342 20021 7 Dt- 11.02 .2022	Khata- 111 Plot- 1524, Kisam- Dunguri Ac-4.84 Ha-1.158	11.0 2.20 22	1 0 . 0 2 . 2 0 2 7	Data is not avail able	Data is not avail able	11.0 2.20 22	Worki ng	Non- Captive	EC22B0 01OR12 4453, File no- 239541 /96- MINB2/ 12- 2021, Dt- 01.02.2 022	Latitudes - 20°22'40 .71069"N to 20°22'33 .37129 N and Longitud es- 82°47'41 .79942"E to 82°47'37 .13777"E	Ope n Cast
1 2 5	Kant ab an ji	Chatu anka Stone Quarr y-II	Smt Nirup ama Majhi	At- Jamut Juri, Po- Chaul sukha , Ps- Kanta banji, Balang ir	10342 10014 2 Dt- 04.02 .2021	Khata- 153 Plot- 1173, Kisam- Patharch atan Ac- 6.20 Ha-2.509	04.0 2.20 21	0 3 . 0 2 . 2 0 2 6	Data is not avail able	Data is not avail able	04.0 2.20 21	Non Worki ng	Non- Captive	SEIAA- 346/07- 2020 Dt- 22.01.2 021	Latitudes - 20°28'17 .85632"N to 20°28'10 .27322 N and Longitud es- 82°56'13 .56910"E to 82°56'06 .17496"E	Ope n Cast
1 2 6	Kant ab an ji	Tikra pada Stone Quarr y	Sri Gopal Agraw al	At- Ward No-2, New Mang al deep, Po/Ps - Khari ar, Dist- Nuap ada- 76610 7	10342 10040 8 Dt- 09.04 .2021	Khata-53 Plot- 683/1008 , Kisam- Patita Ac- 10.00 Ha-2.50	09.0 4.20 21	0 8 . 0 4 . 2 0 2 6	Data is not avail able	Data is not avail able	09.0 4.20 21	Worki ng	Non- Captive	SEIAA- 514/09- 2020, Dt- 22.01.2 021	Latitudes - 20°23'32 .54274"N to 20°23'27 .10977 N and Longitud es- 82°45'06 .70326"E to 82°45'01 .49766"E	Ope n Cast
1 2 7	Kant ab an ji	Kuku dahad Stone Quarr y-B	Propo sed	New Sourc e For Futur e Auctio n	Not Applic able	Khata- 221 Plot-2265 Kisam- Gochar Ac-14.39 Ha-5.823	Not Applic able	N o t A p p l i c a b l e	Not Applic able	Not Applic able	Not Applic able	Not Applic able	Not Applic able	New Source for future Auction	Latitudes - 20°27'24 .69776"N to 20°27'38 .04828" N and Longitud es- 82°56'36 .08687"E to 82°56'46	Ope n Cast

128	Kantabanj	Ghanamahul Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-77 Plot-23 & 24 Kisam-Gochar Ac-3.77 Ha-1.525	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	New Source for future Auction	.23637"E Latitudes - 20°27'17.28584"N to 20°27'25.78337"N and Longitudes 82°56'30.92436"E to 82°56'49.98727"E	Open Cast	
129	Kantabanj	Behersile-1 Stone Quarry	Coming Under DLC Proposed for Extinction	Coming Under DLC Proposed for Extinction	Not Applicable	Khata-128 Plot-286 Kisam-Patharchatana Ac-0.840 Ha-0.339	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Coming Under DLC Proposed for Extinction	Latitudes - 20°29'53.63907"N to 20°29'58.49817"N and Longitudes 82°53'47.90052"E to 82°53'53.53056"E	Coming Under DLC Proposed for Extinction	
130	Saintala	Dunguripali Stone Quarry	Sri Mohit Kumar Agrawal	At-Bapuji Chowk, Po/Ps - Saintala, Balangir	10332 100055, Dt-11.01.2021	Khata-70 Plot-513, Kisam-Patharchatan Ac-3.96 Ha-1.602	11.0 1.20 21	10.01.2026	Data is not available	Data is not available	11.0 1.20 21	Working	Non-Captive	SIA/OR /MIN/2 71534/ 2022 Dt-02.06.2022	Latitudes - 20°24'11.08923"N to 20°24'06.68068 N and Longitudes- 83°23'41.50199"E to 83°23'30.39181"E	Open Cast
131	Saintala	Manamunda Stone Quarry	Sri Naimish Kumar Panigrahi	At-Alok Chowk, Po/Ps - Saintala, Balangir	10332 001868 Dt-24.12.2020	Khata-24 Plot-128,136/257, Kisam-Patharchatan Ac-9.34 Ha-3.77	24.1 2.20 20	23.12.2025	Data is not available	Data is not available	24.1 2.20 20	Working	Non-Captive	SIA/OR /MIN/2 71690/ 2022 Dt-02.06.2022	Latitudes - 20°30'44.62715"N to 20°30'25.96579 N and Longitudes- 83°23'32.83737"E to 83°23'21.27368"E	Open Cast
132	Saintala	Dangarpada	Sri Ajit Kumar	At/Po /Ps-Tusur	10332 001869 Dt-	Khata-20 Plot-20,25,	24.1 2.20 20	23.	Data is not	Data is	24.1 2.20 20	Working	Non-Captive	SIA/OR /MIN/2 76240/	Latitudes - 20°30'03	Open Cast

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	a	Stone Quarry	r Jain	a, Balangir	24.12 .2020	Kisam-Patharchatan Ac-3.51 Ha-1.42		12.2025	available	not available				2022 Dt-30.06.2022	.14627"N to 20°29'58.63270 N and Longitudes-83°25'26.65473"E to 83°25'18.38766"E	
133	Saintala	Kandhkelgion Stone Quarry	Data is not available	Data is not available	16.09 .2021	Khata-159 Plot-714,770, 795, Kisam-Patharchatan Ac-4.20 Ha-1.7	16.09.2021	15.09.2026	Data is not available	Data is not available	16.09.2021	Non Working	Non-Captive	SEIAA-380/07-2020 Dt-17.12.2020	Latitudes - 20°29'47.58763"N to 20°30'06.52363"N and Longitudes-83°24'59.08251"E to 83°25'05.56667"E	Open Cast
134	Saintala	Turchaper Stone Quarry	Non Working	For Future Auction	Data is not available	Khata-114 Plot-636/P Kisam-Pahada Ac-4.00 Ha-1.618	Data is not available	Latitudes - 20°25'13.45432"N to 20°25'17.56603"N and Longitudes-83°23'11.31543"E to 83°23'06.71545"E	Data is not available							
135	Saintala	Kechhomuh an-A Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Khata-109 Plot-187 Kisam-Gochar Ac-8.78 Ha-3.553	Not Applicable	New Source for future Auction	Latitudes - 20°24'00.16084"N to 20°24'07.92169" N and Longitudes 83°23'38.02030"E to 83°23'48.50516"E	Open Cast						
13	Saintala	Kechhomuh	Propo	New Source	Not Applicable	Khata-68 Plot-	Not Applicable	New Source	Latitudes -	Open						

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				n		Ac-1.87 ha-0.756		l i c a b l e							.60551" N and Longitud es 83°09'31 .64739"E to 83°09'35 .63060"E	
1 4 1	Pa tn ag ar h	Bhara tbahal Stone quarr y	Propo sed	New Sourc e For Futur e Aucti on	Not Applic able	Khata- 129 Plot-1125 Kisam- Patharch atana Ac-8.60 Ha-3.480	Not Appl icab le	N o t A p p l i c a b l e	Not App lica ble	No t Ap pli ca ble	Not Appl icab le	Not Appl icab le	Not Appl icab le	New Source for future Auction	Latitudes - 20°48'47 .23616"N to 20°48'56 .91581" N and Longitud es 83°14'47 .72025"E to 83°14'56 .92705"E	Ope n Cast
1 4 2	Pa tn ag ar h	Daba mal Stone quarr y	Propo sed	New Sourc e For Futur e Aucti on	Not Applic able	Khata-37 Plot-174 Kisam- Dunguri Ac-8.00 Ha-3.237	Not Appl icab le	N o t A p p l i c a b l e	Not App lica ble	No t Ap pli ca ble	Not Appl icab le	Not Appl icab le	Not Appl icab le	New Source for future Auction	Latitudes - 20°48'25 .44734"N to 20°48'29 .90683" N and Longitud es- 83°05'31 .04008"E to 83°05'42 .96403"E	Ope n Cast
1 4 3	Ag al pu r	Badtik a-A Stone Quarr y	Propo sed	New Sourc e For Futur e Aucti on	Not Applic able	Khata- 262 Plot-657 Kisam- Dunguri Ac-10.00 Ha-4.046	Not Appl icab le	N o t A p p l i c a b l e	Not App lica ble	No t Ap pli ca ble	Not Appl icab le	Not Appl icab le	Not Appl icab le	New Source for future Auction	Latitudes - 20°55'00 .10928"N to 20°55'10 .20336" N and Longitud es- 83°28'09 .06973"E to 83°28'16 .04507"E	Ope n Cast

List of Minor Mineral Sources Extinct in Balangir District

Sl. No.	Name of the Tahasil	Name of the Mineral	Name of the lessee	Addresses & Contact number of the Lessee	Mining Lease Grant order No & Date	Area of Mining Lease in (Hc)	Period for Mining Lease		Period of Mining Lease 1st/2nd renewal		Date of Commencement of Mining Operation	Status (working /Non working/te mp. Working for dispatch etc	Captive/ Non captive	Obtained Environmental Clearance(Yes/ No). If yes Letter No with Date of grant of EC	Location of the Minor lease(Longitude/Latitude)	Remarks
							From	To	From	To						
1	Bangomunda	Deheli-B Stone Quarry	Sri Manoj Gouli	At-Ward No -2, Titalagarh, Balangir, Odisha	10342200480, Dt -05.04.2022	Khat a-107 Plot-9 Kisa m-Parabat Ac-4.00, Ha-1.618	20.03.2022	09.03.2022	19.03.2022	03.03.2027	20.03.2022	Working	Captive	SEIAA-1671/05-2021, Dt-22.09.2021	Latitudes-20°14'40.110" N to 20°14'35.931" N and Longitudes-82°58'38.131" E to 82°58'34.068" E	Proposed for Extinction due to coming under DLC
2	Bangomunda	Sale mudga Stone Quarry-A	Sri Koutuk Sahu	At-Salegaon Po-Dumuria, PS-K Gaon, dist-	10342201510, Dt -02.12.2022	Khat a-40 Plot-398 Kisa m-Dunguri Ac-3.998, Ha-1.618	02.12.2022	01.12.2022	01.12.2027	02.12.2027	02.12.2022	Working	Non-Captive	SEIAA-868/11-2020, Dt-08.02.2021	Latitudes-20°14'33.6713 4"N to 20°14'28.1153 9 N and Longitudes-82°56'42.5661 0"E to 82°56'37.0735 4"E	Proposed for Extinction due to coming under DLC

				Kalahandi-766036													
3	Bangomunda	Sindhadi Stone Quarry-II	Sri Kanheyalal Agrawal	At/Po/ Ps-Bangomunda, District-Balangir	10342100645Dt-26.07.2021	Khat a-86 Plot-561, Kisa m-Dunguri Ac-6.080, Ha-2.46	26.07.2021	25.07.2026	Data is not available	Data is not available	26.07.2021	Working	Non-Captive	SEIAA-790/10-2020 Dt-12.03.2021	Latitudes-20°17'21.41736"N to 20°17'15.40320"N and Longitudes-82°50'35.69496"E to 82°50'26.84724"E	Proposed for Extinction due to coming under DLC	
4	Kantab anji	Dhamandaga Stone Quarry	Sri Purananda Mohanty	At-Mata Mandir, Po/ps-Kantab anji, Balangir	10341900233Dt-12.04.1019	Khat a-145 Plot-397, Kisa m-Patharchatan Ac-5.00 Ha-2.023	12.04.1019	11.04.2024	Data is not available	Data is not available	12.04.1019	Non Working (Proposal for Re-Auction)	Non-Captive	DEIAA-260 Dt.05.02.2019	Latitudes-20°26'24.41869"N to 20°26'19.55316"N and Longitudes-82°54'39.92214"E to 82°54'31.27042"E	Proposed for Extinction due to coming under DLC	
5	Kantab anji	Kukudahad Stone Quarry	Sri Ramagrawal	At/Po/ Ps-Kantab anji, Balangir	10341701075Dt-19.12.2017	Khat a-224 Plot-2522 Kisa m-Patharchatan Ac-2.05 Ha-0.83	19.12.2017	31.03.2022	Data is not available	Data is not available	19.12.2017	Non Working	Non-Captive	Data is not available	Latitudes-20°27'48.39436"N to 20°27'52.27479"N and Longitudes-82°56'51.75895"E to 82°56'59.13132"E	Proposed for Extinction due to coming under DLC	

6	Kantab anji	Dhu msu Ston e Qua rry- 3	Sr i R a m a g r a w al	At/ Po/ Ps- Ka nta ba nji, Bal an gir	10 34 22 01 26 4 Dt - 19 .1 2. 20 17	Khat a-43 Plot- 333 Kisa m- Path arch atan Ac- 5.30 Ha- 2.14 5	1 9. 1 2. 2 0 1 7	1 9 .1 2 .2 0 2 2	D a t a i s n o t a v a i l a b l e	D a t a i s n o t a v a i l a b l e	19.12. 2017	Non Workin g	Non- Capti ve	Data is not available	Latitudes- 20°27'30.6496 0"N to 20°27'38.2733 9 N and Longitudes- 82°57'09.8452 5"E to 82°57'14.2482 1"E	Proposed for Extinction due to coming under DLC
7	Kantab anji	Dab ri Ston e Qua rry	M d. N ad im	At- As hra mp ad a, Po/ Ps- Ka nta ba nji, Bal an gir	10 34 18 01 07 1 Dt - 01 .1 1. 20 18	Khat a-77 Plot- 1653 Kisa m- Path arch atan Ac- 9.48 Ha- 3.83	0 1. 1 1. 2 0 1 8	3 1 .0 3 .2 0 2 3	D a t a i s n o t a v a i l a b l e	D a t a i s n o t a v a i l a b l e	01.11. 2018	Non Workin g	Non- Capti ve	Data is not available	Latitudes- 20°29'29.4500 6"N to 20°29'19.9257 4 N and Longitudes- 82°53'30.8972 2"E to 82°53'22.4635 1"E	Proposed for Extinction due to coming under DLC

10. DETAILS OF ROYALTY OR REVENUE RECEIVED IN LAST THREE YEARS:**Table-9**

SI No	Name Of Tahasil	Name Of Source	2021-22(Rs.)	2022-23(Rs.)	2023-24(Rs.)	Total
1	Loisingha	Thakurpali Stone Quarry	353651	46797.78	24364.78	424813.56
2	Loisingha	Pandarani Stone Quarry	Non-Operational	397539	48210	445749
3	Loisingha	Barkani Stone Quarry	Non-Operational	281385	337661	619046
4	Loisingha	Dumdumi Stone Quarry	Non-Operational	326624	489937	816561
5	Loisingha	Babja Stone Quarry	Non-Operational	Non-Operational	249886	249886
6	Loisingha	Magurbeda Stone Quarry	Data is not available	1298472	5189920	6488392
7	Loisingha	Banjipali Stone Quarry	Non-Operational	331596	497394	828990
8	Loisingha	Uchhabapali Stone Quarry-1	Non-Operational	Non-Operational	847977	847977
9	Loisingha	Uchhabapali Stone Quarry-2	Non-Operational	Non-Operational	847977	847977
10	Loisingha	Uchhabapali Stone Quarry-3	Non Operational	Non Operational	946025	946025
11	Loisingha	Uchhabapali Stone Quarry-4	Non Operational	Non Operational	946350	946350
12	Loisingha	Uchhabapali Stone Quarry-5	Non Operational	Non Operational	839064	839064
13	Loisingha	Uchhabapali Stone Quarry-6	Non Operational	Non Operational	2689750	2689750
14	Loisingha	Uchhabapali Stone Quarry-7	Non Operational	Non Operational	849604	849604
15	Loisingha	Uchhabapali	Non	Non	578839	578839

		Stone Quarry-8	Operational	Operational		
16	Loisingha	Uchhabapali Stone Quarry-9	Non Operational	Non Operational	Non Operational	Non Operational
17	Loisingha	Taliudar Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
18	Loisingha	Uparudar Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
19	Loisingha	Jamjori-A Stone Quarry	Proposed	Proposed	Proposed	Proposed
20	Loisingha	Jamjori-B Stone Quarry	Proposed	Proposed	Proposed	Proposed
21	Loisingha	Jamjori-C Stone Quarry	Proposed	Proposed	Proposed	Proposed
22	Loisingha	Babja-A Stone Quarry	Proposed	Proposed	Proposed	Proposed
23	Loisingha	Babja-B Stone Quarry	Proposed	Proposed	Proposed	Proposed
24	Loisingha	Babja-C Stone Quarry	Proposed	Proposed	Proposed	Proposed
25	Loisingha	Babja-D Stone Quarry	Proposed	Proposed	Proposed	Proposed
26	Loisingha	Kandajori Stone Quarry	Proposed	Proposed	Proposed	Proposed
27	Loisingha	Burda Stone Quarry	Proposed	Proposed	Proposed	Proposed
28	Belpada	Bahabal Stone Quarry	269258	269258	269258	807774
29	Belpada	Mandal-1 Stone Quarry	560131	560131	560131	1680393
30	Belpada	Tara Stone Quarry	174377	362290	362290	898957
31	Belpada	Mandal-2 Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational

32	Belpada	Dakara Stone Quarry	216782	216782	216782	650346
33	Belpada	Dunguripalli Stone Quarry	273815	279712	279712	833239
34	Belpada	Malijhar Stone Quarry	273815	279712	279712	833239
35	Belpada	Admunda Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
36	Belpada	Bhuliabandh Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
37	Belpada	Ghagurli Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
38	Belpada	Rengali-A Stone Quarry	Proposed	Proposed	Proposed	Proposed
39	Belpada	Rengali-B Stone Quarry	Proposed	Proposed	Proposed	Proposed
40	Belpada	Rengali-C Stone Quarry	Proposed	Proposed	Proposed	Proposed
41	Belpada	Rengali-D Stone Quarry	Proposed	Proposed	Proposed	Proposed
42	Belpada	Barabahali Stone Quarry	Proposed	Proposed	Proposed	Proposed
43	Belpada	Bagadora Stone Quarry	Proposed	Proposed	Proposed	Proposed
44	Belpada	Mandal-3 Stone Quarry	Proposed	Proposed	Proposed	Proposed
45	Belpada	Mandal-4 Stone Quarry	Proposed	Proposed	Proposed	Proposed
46	Belpada	Sargimunda Stone Quarry	Proposed	Proposed	Proposed	Proposed
47	Belpada	Mundagan Stone Quarry-A	Proposed	Proposed	Proposed	Proposed
48	Belpada	Mundagan Stone Quarry-B	Proposed	Proposed	Proposed	Proposed

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49	Deogaon	Bahali Stone Quarry	207174	214843	214843	636860
50	Deogaon	Sunarijore Stone Quarry-B	Non Operational	Non-Operational	Non Operational	Non Operational
51	Deogaon	Gudkhapala Stone Quarry	Non Operational	Non Operational	Non-Operational	Non Operational
52	Deogaon	Gaddwar Stone Quarry	Non Operational	Non Operational	Non-Operational	Non Operational
53	Deogaon	Ghatuldunguri Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
54	Deogaon	Mundapala Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
55	Deogaon	Sirabahal Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
56	Deogaon	Sunarijore Stone Quarry-A	Non Operational	Non Operational	Non Operational	Non Operational
57	Balangir	Mankadachuan Stone Quarry	203347	202955	155246	561548
58	Balangir	Santelen Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
59	Balangir	Hardatal Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
60	Balangir	Dhulusar Stone quarry	753879	740081	Non Operational	1493960
61	Balangir	Basupali Stone quarry-1	Non Operational	Non Operational	Non Operational	Non Operational
62	Balangir	Basupali Stone Quarry-2	Non Operational	Non Operational	Non Operational	Non Operational
63	Balangir	Basupali Stone Quarry-3	Non Operational	Non Operational	Non Operational	Non Operational
64	Balangir	Basupali Stone Quarry-4	Non Operational	Non Operational	Non Operational	Non Operational

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65	Balangir	Basupali Stone Quarry-5	Non Operational	Non-Operational	Non Operational	Non Operational
66	Balangir	Bhutiabahal Stone quarry-A	Non Operational	Non Operational	Non Operational	Non Operational
67	Balangir	Bhutiabahal Stone Quarry-B	Non Operational	Non Operational	Non Operational	Non-Operational
68	Balangir	Bhutiabahal Stone Quarry-C	Non Operational	Non Operational	Non Operational	Non Operational
69	Balangir	Fatkra Stone Quarry	Non Operational	465198	697798	1162996
70	Balangir	Rajamunda Stone Quarry	Non Operational	217218	325827	543045
71	Balangir	Bhanpur-III Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
72	Balangir	Barkani Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
73	Khaprakhol	Chitikamal Stone Quarry	Non Operational	75417	181003	256420
74	Khaprakhol	Karuanjhar Stone Quarry-1	2790577	8605732	7294011	18690320
75	Khaprakhol	Baghamunda Stone Quarry	210574	217571	205945	634090
76	Khaprakhol	Karuanjhar Stone Quarry -3	Proposed	Proposed	Proposed	Proposed
77	Muribahal	Andaldarah Stone Quarry	338859	580900	580900	1500659
78	Muribahal	Hadhada Stone Quarry	Non Operational	354510	353952	708462
79	Muribahal	Tengra Stone Quarry	Proposed	Proposed	Proposed	Proposed
80	Muribahal	Ranabandh-A Stone Quarry	Proposed	Proposed	Proposed	Proposed

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81	Muribahal	Ranabandh-B Stone Quarry	Proposed	Proposed	Proposed	Proposed
82	Muribahal	Dejuri Stone Quarry	Proposed	Proposed	Proposed	Proposed
83	Muribahal	Sargul Stone Quarry	Proposed	Proposed	Proposed	Proposed
84	Puintala	Janipali Stone Quarry	138470	166165	166164	470799
85	Puintala	Badburkabahal Stone Quarry	Non Operational	188489.4	251319.2	439808.6
86	Puintala	Bileikani Stone Quarry	967804	967804	967804	2903412
87	Puintala	Badburkabahal Stone Quarry-B	305276	366330.6	366330.6	1037937
88	Puintala	Mahadevpali Stone Quarry	Non Operational	243598.3	417597.69	661195.99
89	Puintala	Duhel Stone Quarry-C	145871	145871	145878	437620
90	Puintala	Kutenpali Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
91	Puintala	Patharla-B Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
92	Puintala	Patharla Stone Quarry-A	Proposed	Proposed	Proposed	Proposed
93	Titilagarh	Burdipada-A Stone Quarry	Non Operational	323406	484963	808369
94	Titilagarh	Burdipada-B Stone Quarry	79972	479832	479832	1039636
95	Titilagarh	Burdipada-C Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational

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96	Titilagarh	Desil-A Stone Quarry	451796	451796	451796	1355388
97	Titilagarh	Desil-B Stone Quarry	108050	322918	206447	637415
98	Titilagarh	Desil-C Stone Quarry	231697	232097	232097	695891
99	Titilagarh	Desil-D Stone Quarry	271469	325697	325697	922863
100	Titilagarh	Sihini Stone Quarry	202696	347477	347477	897650
101	Titilagarh	Sihini-2 Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
102	Titilagarh	Turla Stone Quarry	153343	368023	368023	889389
103	Titilagarh	Dumdumi Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
104	Titilagarh	Nirmula-III Stone Quarry	53444	320666	315000	689110
105	Titilagarh	Kotmara-II Stone Quarry	Non Operational	Non Operational	23995	23995
106	Titilagarh	Junapada Stone Quarry	33679	418571	432994	885244
107	Titilagarh	Gandhargala Stone Quarry	Proposed	Proposed	Proposed	Proposed
108	Titilagarh	Junapada-B Stone Quarry	Proposed	Proposed	Proposed	Proposed

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109	Titilagarh	Junapada-C Stone Quarry	Proposed	Proposed	Proposed	Proposed
110	Titilagarh	Junapada-D Stone Quarry	Proposed	Proposed	Proposed	Proposed
111	Bangomunda	Borbahal Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
112	Bangomunda	Barlabahali Stone Quarry	149584	359262	259262	768108
113	Bangomunda	Sahajot Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
114	Bangomunda	Deheli Stone Quarry-A	Non Operational	Non Operational	Non Operational	Non Operational
115	Bangomunda	Sanagamada Stone Quarry-C	707307	707307	706972	2121586
116	Bangomunda	Sanagamada Stone Quarry-D	72660	414571	385612	872843
117	Bangomunda	Sindhbhadi Stone Quarry-I	655116	262250	445745	1363111
118	Bangomunda	Sanagamada Stone Quarry-B	673888	247517	804000	1725405
119	Bangomunda	Salemudga Stone Quarry-B	270850	270850	270850	812550
120	Bangomunda	Bhirkapada Stone Quarry	124557	124557	124557	373671
121	Bangomunda	Sanagamada Stone Quarry-A	Non Operational	815089	1222637	2037726
122	Bangomunda	Deheli Stone Quarry	Proposed	Proposed	Proposed	Proposed
123	Kantabanji	Sandhibahali Stone Quarry	Non Operational	Non Operational	Non Operational	Non-Operational

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124	Kantabanji	Mahakhand Stone Quarry-I	107439	644631	644631	1396701
125	Kantabanji	Chatuanka Stone Quarry-II	Non Operational	Non-Operational	Non Operational	Non-Operational
126	Kantabanji	Tikrapada Stone Quarry	374835	28672	10004	413511
127	Kantabanji	Kukudahad Stone Quarry-B	Proposed	Proposed	Proposed	Proposed
128	Kantabanji	Ghanamahul Stone Quarry	Proposed	Proposed	Proposed	Proposed
129	Kantabanji	Beherensilet-1 Stone Quarry	Proposed for Extinction	Proposed for Extinction	Proposed for Extinction	Proposed for Extinction
130	Saintala	Dunguripali Stone Quarry	208439	223287	238134	669860
131	Saintala	Manamunda Stone Quarry	129055	219055	219055	567165
132	Saintala	Dangarpada Stone Quarry	311527	323489	335450	970466
133	Saintala	Kandhkelgaon Stone Quarry	Non-Operational	Non Operational	Non Operational	Non Operational
134	Saintala	Turchauper Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
135	Saintala	Kechhomuhan-A Stone Quarry	Proposed	Proposed	Proposed	Proposed
136	Saintala	Kechhomuhan-B Stone Quarry	Proposed	Proposed	Proposed	Proposed
137	Patnagarh	Guhuriamunda-A Stone Quarry	Non Operational	Non-Operational	Non Operational	Non-Operational
138	Patnagarh	Guhuriamunda-B Stone Quarry	665771	998658	998658	2663087
139	Patnagarh	Jhulenbar Stone Quarry	241893	414675	414675	1071243
140	Patnagarh	Rengali Stone Quarry	Proposed	Proposed	Proposed	Proposed

141	Patnagarh	Bharatbahal Stone quarry	Proposed	Proposed	Proposed	Proposed
142	Patnagarh	Dabamal Stone quarry	Proposed	Proposed	Proposed	Proposed
143	Agalpur	Badtika-A Stone Quarry	Proposed	Proposed	Proposed	Proposed

11. DETAILS OF PRODUCTION OF MINOR MINERALS IN LAST THREE YEARS:**Table-10**

SI No	Name Of Tahasil	Name Of Source	2021-22(cum.)	2022-23(cum.)	2023-24(cum.)	Total
1	Loisingha	Thakurpali Stone Quarry	2811.45	3748.6	3748.6	10308.65
2	Loisingha	Pandarani Stone Quarry	Non Operational	2401.67	2620	5021.67
3	Loisingha	Barkani Stone Quarry	Non-Operational	1721.25	2065.5	3786.75
4	Loisingha	Dumdumi Stone Quarry	Non Operational	2019.33	3029	5048.33
5	Loisingha	Babja Stone Quarry	Non Operational	Non-Operational	1386	1386
6	Loisingha	Magurbeda Stone Quarry	Data is not available	6000	24000	30000
7	Loisingha	Banjipali Stone Quarry	Non Operational	2042	3063	5105
8	Loisingha	Uchhabapali Stone Quarry-1	Non Operational	Non Operational	5250	5250
9	Loisingha	Uchhabapali Stone Quarry-2	Non Operational	Non Operational	5250	5250
10	Loisingha	Uchhabapali Stone Quarry-3	Non Operational	Non Operational	5250	5250
11	Loisingha	Uchhabapali Stone Quarry-4	Non Operational	Non Operational	5250	5250
12	Loisingha	Uchhabapali Stone Quarry-5	Non Operational	Non Operational	4666.67	4666.67

13	Loisingha	Uchhabapali Stone Quarry-6	Non Operational	Non Operational	5250	5250
14	Loisingha	Uchhabapali Stone Quarry-7	Non Operational	Non Operational	5050	5050
15	Loisingha	Uchhabapali Stone Quarry-8	Non-Operational	Non-Operational	3500	3500
16	Loisingha	Uchhabapali Stone Quarry-9	Non Operational	Non-Operational	Non Operational	Non Operational
17	Loisingha	Taliudar Stone Quarry	Non Operational	Non Operational	Non-Operational	Non Operational
18	Loisingha	Uparudar Stone Quarry	Non Operational	Non Operational	Non Operational	Non-Operational
19	Loisingha	Jamjori-A Stone Quarry	Proposed	Proposed	Proposed	Proposed
20	Loisingha	Jamjori-B Stone Quarry	Proposed	Proposed	Proposed	Proposed
21	Loisingha	Jamjori-C Stone Quarry	Proposed	Proposed	Proposed	Proposed
22	Loisingha	Babja-A Stone Quarry	Proposed	Proposed	Proposed	Proposed
23	Loisingha	Babja-B Stone Quarry	Proposed	Proposed	Proposed	Proposed
24	Loisingha	Babja-C Stone Quarry	Proposed	Proposed	Proposed	Proposed
25	Loisingha	Babja-D Stone Quarry	Proposed	Proposed	Proposed	Proposed
26	Loisingha	Kandajori Stone Quarry	Proposed	Proposed	Proposed	Proposed
27	Loisingha	Burda Stone Quarry	Proposed	Proposed	Proposed	Proposed
28	Belpada	Bahabal Stone Quarry	1532	1532	1532	4596
29	Belpada	Mandal-1 Stone	2808	2808	2808	8424

		Quarry				
30	Belpada	Tara Stone Quarry	1872	1872	1872	5616
31	Belpada	Mandal-2 Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
32	Belpada	Dakara Stone Quarry	1350	1350	1350	4050
33	Belpada	Dunguripalli Stone Quarry	1665	1701	1701	5067
34	Belpada	Malijhar Stone Quarry	1610	1610	1610	4830
35	Belpada	Admunda Stone Quarry	Non-Operational	Non Operational	Non Operational	Non Operational
36	Belpada	Bhuliabandh Stone Quarry	Non Operational	Non-Operational	Non Operational	Non Operational
37	Belpada	Ghagurli Stone Quarry	Non Operational	Non Operational	Non-Operational	Non Operational
38	Belpada	Rengali-A Stone Quarry	Proposed	Proposed	Proposed	Proposed
39	Belpada	Rengali-B Stone Quarry	Proposed	Proposed	Proposed	Proposed
40	Belpada	Rengali-C Stone Quarry	Proposed	Proposed	Proposed	Proposed
41	Belpada	Rengali-D Stone Quarry	Proposed	Proposed	Proposed	Proposed
42	Belpada	Barabahali Stone Quarry	Proposed	Proposed	Proposed	Proposed
43	Belpada	Bagadora Stone Quarry	Proposed	Proposed	Proposed	Proposed
44	Belpada	Mandal-3 Stone Quarry	Proposed	Proposed	Proposed	Proposed
45	Belpada	Mandal-4 Stone Quarry	Proposed	Proposed	Proposed	Proposed

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46	Belpada	Sargimunda Stone Quarry	Proposed	Proposed	Proposed	Proposed
47	Belpada	Mundagan Stone Quarry-A	Proposed	Proposed	Proposed	Proposed
48	Belpada	Mundagan Stone Quarry-B	Proposed	Proposed	Proposed	Proposed
49	Deogaon	Bahali Stone Quarry	1039.5	1078	1078	3195.5
50	Deogaon	Sunarijore Stone Quarry-B	Non Operational	Non Operational	Non Operational	Non Operational
51	Deogaon	Gudkhapala Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
52	Deogaon	Gaddwar Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
53	Deogaon	Ghatuldunguri Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
54	Deogaon	Mundapala Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
55	Deogaon	Sirabahal Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
56	Deogaon	Sunarijore Stone Quarry-A	Non Operational	Non Operational	Non Operational	Non Operational
57	Balangir	Mankadachuan Stone Quarry	640	640	640	1920
58	Balangir	Santelen Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
59	Balangir	Hardatal Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
60	Balangir	Dhulusar Stone quarry	2540	2540	Non Operational	5080
61	Balangir	Basupali Stone quarry-1	Non Operational	Non Operational	Non Operational	Non Operational

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62	Balangir	Basupali Stone Quarry-2	Non Operational	Non Operational	Non Operational	Non Operational
63	Balangir	Basupali Stone Quarry-3	Non Operational	Non Operational	Non Operational	Non Operational
64	Balangir	Basupali Stone Quarry-4	Non Operational	Non Operational	Non Operational	Non Operational
65	Balangir	Basupali Stone Quarry-5	Non Operational	Non Operational	Non Operational	Non Operational
66	Balangir	Bhutiabahal Stone quarry-A	Non Operational	Non Operational	Non Operational	Non Operational
67	Balangir	Bhutiabahal Stone Quarry-B	Non Operational	Non Operational	Non Operational	Non Operational
68	Balangir	Bhutiabahal Stone Quarry-C	Non Operational	Non Operational	Non Operational	Non Operational
69	Balangir	Fatkra Stone Quarry	Non Operational	1733.33	2600	4333.33
70	Balangir	Rajamunda Stone Quarry	Non Operational	810	1215	2025
71	Balangir	Bhanpur-III Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operationa
72	Balangir	Barkani Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operationa
73	Khaprakhol	Chitikamal Stone Quarry	Non Operational	305.33	732.8	1038.13
74	Khaprakhol	Karuanjhar Stone Quarry-1	10000	40000	35000	85000
75	Khaprakhol	Baghamunda Stone Quarry	1134	1171.8	1109	3414.8
76	Khaprakhol	Karuanjhar Stone Quarry -3	Proposed	Proposed	Proposed	Proposed

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77	Muribahal	Andaladah Stone Quarry	2100	3600	3600	9300
78	Muribahal	Hadhada Stone Quarry	Non Operational	2017	2200	4217
79	Muribahal	Tengra Stone Quarry	Proposed	Proposed	Proposed	Proposed
80	Muribahal	Ranabandh-A Stone Quarry	Proposed	Proposed	Proposed	Proposed
81	Muribahal	Ranabandh-B Stone Quarry	Proposed	Proposed	Proposed	Proposed
82	Muribahal	Dejuri Stone Quarry	Proposed	Proposed	Proposed	Proposed
83	Muribahal	Sargul Stone Quarry	Proposed	Proposed	Proposed	Proposed
84	Puintala	Janipali Stone Quarry	862.5	1035	1035	2932.5
85	Puintala	Badburkabahal Stone Quarry	Non Operational	1158	1544	2702
86	Puintala	Bileikani Stone Quarry	3510	3510	3510	10530
87	Puintala	Badburkabahal Stone Quarry-B	1680	2016	2016	5712
88	Puintala	Mahadevpali Stone Quarry	Non Operational	1496.25	2565	4061.25
89	Puintala	Duhel Stone Quarry-C	900	900	900	2700
90	Puintala	Kutenpali Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
91	Puintala	Patharla-B Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational

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92	Puintala	Patharla Stone Quarry-A	Proposed	Proposed	Proposed	Proposed
93	Titilagarh	Burdipada-A Stone Quarry	Non Operational	2000	3000	5000
94	Titilagarh	Burdipada-B Stone Quarry	500	3000	3000	6500
95	Titilagarh	Burdipada-C Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
96	Titilagarh	Desil-A Stone Quarry	2000	2000	2000	6000
97	Titilagarh	Desil-B Stone Quarry	667	2000	2000	4667
98	Titilagarh	Desil-C Stone Quarry	1200	1200	1200	3600
99	Titilagarh	Desil-D Stone Quarry	1667	2000	2000	5667
100	Titilagarh	Sihini Stone Quarry	1167	2000	2000	5167
101	Titilagarh	Sihini-2 Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
102	Titilagarh	Turla Stone Quarry	833.33	2000	2000	4833.33
103	Titilagarh	Dumdumi Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
104	Titilagarh	Nirmula-III Stone Quarry	333.33	2000	2000	4333.33
105	Titilagarh	Kotmara-II Stone Quarry	Non Operational	Non Operational	1620	1620

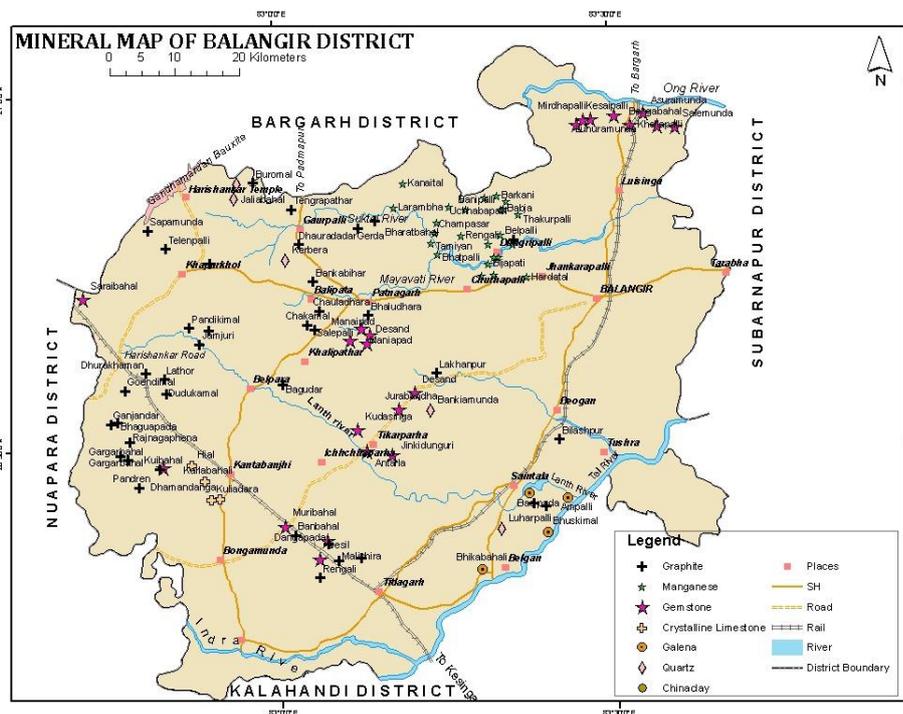
106	Titilagarh	Junapada Stone Quarry	210	2610	2700	5520
107	Titilagarh	Gandhargala Stone Quarry	Proposed	Proposed	Proposed	Proposed
108	Titilagarh	Junapada-B Stone Quarry	Proposed	Proposed	Proposed	Proposed
109	Titilagarh	Junapada-C Stone Quarry	Proposed	Proposed	Proposed	Proposed
110	Titilagarh	Junapada-D Stone Quarry	Proposed	Proposed	Proposed	Proposed
111	Bangomunda	Borbahal Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
112	Bangomunda	Barlabahali Stone Quarry	916	2200	2200	5316
113	Bangomunda	Sahajot Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
114	Bangomunda	Deheli Stone Quarry-A	Non Operational	Non Operational	Non Operational	Non Operational
115	Bangomunda	Sanagamada Stone Quarry-C	2000	2000	2000	6000
116	Bangomunda	Sanagamada Stone Quarry-D	365	2187	2187	4739
117	Bangomunda	Sindhbhadi Stone Quarry-I	1350	1350	1350	4050
118	Bangomunda	Sanagamada Stone Quarry-B	3000	4000	4000	11000

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119	Bangomunda	Salemudga Stone Quarry-B	1500	1500	1500	4500
120	Bangomunda	Bhirkapada Stone Quarry	400	400	400	1200
121	Bangomunda	Sanagamada Stone Quarry-A	Non Operational	1333	2000	3333
122	Bangomunda	Deheli Stone Quarry	Proposed	Proposed	Proposed	Proposed
123	Kantabanji	Sandhibahali Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
124	Kantabanji	Mahakhand Stone Quarry-I	669.67	4018	1018	5705.67
125	Kantabanji	Chatuanka Stone Quarry-II	Non Operational	Non Operational	Non Operational	Non Operational
126	Kantabanji	Tikrapada Stone Quarry	500	513	513	1526
127	Kantabanji	Kukudahad Stone Quarry-B	Proposed	Proposed	Proposed	Proposed
128	Kantabanji	Ghanamahul Stone Quarry	Proposed	Proposed	Proposed	Proposed
129	Kantabanji	Beherensilet-1 Stone Quarry	Proposed for Extinction	Proposed for Extinction	Proposed for Extinction	Proposed for Extinction
130	Saintala	Dunguripali Stone Quarry	1260	1350	1440	4050
131	Saintala	Manamunda Stone Quarry	1276	1276	1276	3828
132	Saintala	Dangarpada Stone Quarry	1872	1944	2016	5832
133	Saintala	Kandhkelgaon Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
134	Saintala	Turchauper Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational

135	Saintala	Kechhomuhan-A Stone Qurry	Proposed	Proposed	Proposed	Proposed
136	Saintala	Kechhomuhan-B Stone Qurry	Proposed	Proposed	Proposed	Proposed
137	Patnagarh	Guhuriamunda-A Stone Quarry	Non Operational	Non Operational	Non Operational	Non Operational
138	Patnagarh	Guhuriamunda-B Stone Quarry	2340	3510	3510	9360
139	Patnagarh	Jhulenbar Stone Quarry	1244.48	2133.4	2133.4	5511.28
140	Patnagarh	Rengali Stone Quarry	Proposed	Proposed	Proposed	Proposed
141	Patnagarh	Bharatbahal Stone quarry	Proposed	Proposed	Proposed	Proposed
142	Patnagarh	Dabamal Stone quarry	Proposed	Proposed	Proposed	Proposed
143	Agalpur	Badtika-A Stone Quarry	Proposed	Proposed	Proposed	Proposed

12. MINERAL MAP OF THE DISTRICT:



13. LIST OF LETTERS OF INTENT (LOI) HOLDERS IN THE DISTRICT ALONG WITH ITS VALIDITY

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 (Captive/Non-Captive)	Location of the Mining Lease (Latitude & Longitude)
Tahasil: Loisingha								
1	Thakurpali Stone Quarry	Sri Chandramani Patel	At-Pandarani, PO-Kutenpally, PS-Loisingha, Dist-Balangir 767020	10312101638 Dt-03.07.2021	Ac-5.450 Ha-2.025	02.07.2026	Non-Captive	Latitudes:20°50'05.85194"N to 20°49'57.90264" N Longitudes:83°22'03.95674"E to 83°2'58.76999"E
2	Pandarani Stone Quarry	Sayad Anwar Alli	AT/PO- Loisingha, Dist-Balangir,767020	40312304178 Dt-18.12.2023	Ac-10.00 Ha-4.046	17.12.2028	Non-Captive	Lat:20°52'59.00867"N to 20°52'49.48835" N Long:83°26'56.02595"E to 83°26'50.40148"E
3	Barkani Stone Quarry	Shri Sandeep Agrawal	AT-Jharmunda, PO-paradhiapalli, PS-Loisingha,76720	10312201891 Dt-07.06.2022	Ac-12.00 Ha-4.856	06.06.2027	Non-Captive	Lat:20°51'11.05129"N to 20°51'16.47617" N Long: 83°19'24.03524"E to 83°19'49.91417"E
4	Dumdumi Stone Quarry	Sri Bhagiratha Agrawal	At/PO/PS-Loisingha,767020	10362200570 Dt-06.08.2022	Ac-6.00 Ha-2.428	05.08.2027	Non-Captive	Latitudes-20°52'27.43824"N to 20°52'33.18672" N Longitudes 83°29'30.94548"E to 83°29'38.67756"E

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5	Babja Stone Quarry	Shri Ashis Kumar Agrawal	At-Sudpada,Ps/Po-balangiri, PIN767001, Odisha	10312302487 Dt-25.07.2023	Ac-8.28 Ha-3.350	24.07.2028	Non-Captive	Latitudes-20°49'57.86431"N to 20°49'50.27906" N and Longitudes 83°20'55.10934"E to 83°20'42.68991"E
6	Magurbeda Stone Quarry	Senior Manager, Suktel (TP)	Balangir	Quarry Permit	Ac-3.00 Ha-1.214	02.01.2027	Non-Captive	Latitudes-20°46'03.75204"N to 20°46'07.45896" N and Longitudes 83°21'36.45108"E to 83°21'42.51420"E
7	Banjipali Stone Quarry	Sri Rahul Mishra	At/PO-Chhatmakhana,PS/Dist-Balangir, 767065	10362200569 06.08.2022	Ac-1.820 Ha-0.745	10.07.2028	Non-Captive	Latitudes-20°52'50.11728"N to 20°52'44.96480" N and Longitudes 83°30'03.62520"E to 83°29'59.09375"E
8	Uchhabapali Stone Quarry-1	Mohit Kumar Jain	AT-Udayanagar, Near Railway station, Balangir, PO/PS-Balangir,767001	10312302278 11.07.2023	Ac-11.50 Ha-4.65	10.07.2028	Non-Captive	Latitudes-20°51'03.65116"N to 20°50'55.14506"N and Longitudes 83°20'44.95815"E to 83°20'37.95540"E.
9	Uchhabapali Stone Quarry-2	Mohit Kumar Jain	AT-Udayanagar, Near Railway station, Balangir, PO/PS-Balangir,767001	10312302277 11.07.2023	Ac-11.50 Ha-4.65	10.07.2028	Non-Captive	Latitudes-20°51'05.44489"N to 20°50'56.95550"N and Longitudes 83°20'37.966685"E to 83°20'28.27389"E
10	Uchhabapali Stone Quarry-3	Ankit Agrawal	AT-Radharanipara, Balangir Town, PO/PS-Balangir,767001	10312401844 26.06.2024	Ac-7.80	29.06.2028	Non-Captive	Latitudes-20°50'56.71353"N to 20°50'49.56172"N and

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					Ha-3.15			Longitudes 83°21'02.85842"E to 83°20'56.72941"E
11	Uchhabapali Stone Quarry-4	Manoj Kumar Agrawal	AT-Radharanipara, Balangir Town, PO/PS-Balangir,767001	10312401871 28.06.2024	Ac-10.70 Ha-4.33	28.03.2027	Non-Captive	Latitudes-20°50'56.89220"N to 20°50'48.64949"N and Longitudes 83°21'13.17042"E to 83°21'04.35838"E
12	Uchhabapali Stone Quarry-5	Munalal Agrawal	AT-Udayanagar, Near Railway station, Balangir, PO/PS-Balangir,767001	10312302788 17.08.2023	Ac-7.65 Ha-3.09	22.02.2027	Non-Captive	Latitudes-20°50'56.57663"N to 20°50'50.03523"N and Longitudes 83°20'50.50534"E to 83°20'44.59993"E
13	Uchhabapali Stone Quarry-6	Pradeep Chandra Ratha, MD Durga condevPvt. Ltd	At-Khairapali, Kotsahi Po-Tangi, Dist-Cuttack 754022, Odisha	10312304180 18.12.2023	Ac-7.500 Ha-3.035	17.12.2028	Non-Captive	Latitudes-20°50'57.72264"N to 20°50'50.00205"N and Longitudes 83°21'07.88760"E to 83°21'02.30934"E
14	Uchhabapali Stone Quarry-7	Khimji Patel	AT/PO-Gandhi Nagarpara, Balangir, 767001	10312402112 15.07.2024	Ac-7.50 Ha-3.035	14.07.2029	Non-Captive	Latitudes-20°50'56.71353"N to 20°50'50.83293"N and Longitudes 83°20'57.58173"E to 83°20'50.33075"E
15	Uchhabapali Stone Quarry-8	Munalal Agrawal	AT-Udayanagar, Near Railway station, Balangir, PO/PS-Balangir,767001	10312303592 27.10.2023	Ac-6.72 Ha-2.719	05.06.2025	Non-Captive	Latitudes-20°50'54.97340"N to 20°50'46.27935"N and Longitudes 83°21'17.97806"E to 83°21'13.02323"E

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16	Uchhabapali Stone Quarry-9	Khimji Patel	AT/PO-Gandhi Nagarpara, Balangir, 767001	10312201655 23.05.2022	Ac-5.60 Ha-2.266	28.01.2027	Non-Captive	Latitudes-20°50'22.79193"N to 20°50'17.96267"N and Longitudes 83°20'47.83976"E to 83°20'39.34395"E.
17	Taliudar Stone Quarry	Mohit Kumar Jain	AT-Udayanagar, Near Railway station, Balangir, PO/PS-Balangir,767001	EC Under Process	Ac-2.470 Ha-1.00	EC Not Obtained	Non-Captive	Latitudes-20°48'55.61844"N to 20°49'03.78732" N and Longitudes 83°23'12.44164"E to 83°23'16.72260"E
18	Uparudar Stone Quarry	Dhirendra Kumar Patel	At-Pandarani, PO-Kutenpally, PS-Loisingha, Dist-Balangir 767020	10312202636 03.08.2022	Ac-7.00 Ha-2.832	28.07.2027	Non-Captive	Latitudes-20°49'48.91800"N to 20°49'58.17396" N and Longitudes 83°21'59.19660"E to 83°22'07.24512"E
19	Jamjori-A Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-4.00 Ha-1.618	Not Applicable	Not Applicable	Latitudes-20°51'11.71336"N to 20°51'15.82507" N and Longitudes-83°19'15.05915"E to 83°19'19.65056"E
20	Jamjori-B Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-4.00 Ha-1.618	Not Applicable	Not Applicable	Latitudes-20°51'06.02550"N to 20°51'10.13721" N and Longitudes-83°19'17.21780"E to 83°19'21.80921"E
21	Jamjori-C Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-4.00 Ha-1.618	Not Applicable	Not Applicable	Latitudes-20°51'00.26910"N to 20°51'04.38081" N and Longitudes-83°19'20.37011"E to 83°19'24.96152"E

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22	Babja-A Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.00 Ha-1.214	Not Applicable	Not Applicable	Latitudes-20°49'41.53079"N to 20°49'45.64250"N and Longitudes-83°20'48.67623"E to 83°20'55.91455"E
23	Babja-B Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.00 Ha-1.214	Not Applicable	Not Applicable	Latitudes-20°49'37.85024"N to 20°49'43.80366"N and Longitudes-83°20'53.80302"E to 83°20'58.98549"E
24	Babja-C Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.00 Ha-1.214	Not Applicable	Not Applicable	Latitudes-20°49'33.22457"N to 20°49'36.52251"N and Longitudes-83°20'52.43245"E to 83°20'58.60001"E
25	Babja-D Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.00 Ha-1.214	Not Applicable	Not Applicable	Latitudes-20°49'34.29247"N to 20°49'38.40418"N and Longitudes-83°20'46.02076"E to 83°20'51.93134"E
26	Kandajori Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-1.45 Ha 0.586	Not Applicable	Not Applicable	Latitudes-20°53'06.58260"N to 20°53'09.22682" N and Longitudes-83°25'49.03045"E to 83°25'52.63055"E
27	Burda Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-4.88 Ha 1.974	Not Applicable	Not Applicable	Latitudes-20°52'33.35024"N to 20°52'41.65846" N and Longitudes-83°29'38.19297"E to 83°29'42.73298"E

Tahasil: Belpada

28	Bahabal Stone Quarry	Sankar Prasad Jain	AT/PO- Belpada, Dist- Balangir, 767026	10322100525 22.03.2021	AC-2.69 Ha-1.08	20.03.2026	Non-Captive	Latitudes-20°32'06.91105"N to 20°32'00.11988" N and Longitudes 82°58'55.32424"E to 82°58'48.58447"E
29	Mandal-1 Stone Quarry	Sankar Prasad Jain	AT/PO- Belpada, Dist- Balangir, 767026	10322100524 22.03.2021	Ac-11.12 Ha-4.50	21.03.2026	Non-Captive	Latitudes-20°35'12.78444"N to 20°34'56.29906" N and Longitudes 83°00'11.06351"E to 82°59'56.21710"E
30	Tara Stone Quarry	Sankar Prasad Jain	AT/PO- Belpada, Dist- Balangir, 767026	10322100567 26.03.2021	AC-6.20 Ha-2.50	07.11.2028	Non-Captive	Latitudes-20°40'06.45318"N to 20°40'01.85434" N and Longitudes 82°59'31.47346"E to 82°59'19.04247"E
31	Mandal-2 Stone Quarry	Sanjib Kumar Thakur	AT/PO- Mandal, PS- Belpada, balangir, 767026	10322100751 16.06.2021	Ac-4.29 Ha-1.736	15.06.2026	Non-Captive	Latitudes-20°35'10.99380"N to 20°34'40.84256" N and Longitudes 83°00'59.50112"E to 83°00'49.48054"E
32	Dakara Stone Quarry	Jitesh Tank	AT-Buromal, PO- Bichhubahali, PS- Kantabanji, 767039	10322100385 02.03.2021	Ac-2.68 Ha-1.08	06.02.2028	Non-Captive	Latitudes-20°31'11.89658"N to 20°31'07.05505" N and Longitudes 83°00'36.53035"E to 83°00'26.58687"E
33	Dunguripalli Stone Quarry	Sanjay Kumar Lath	AT/PO/PS-kantabanji, Balangir	10322100270 12.02.2021	Ac-7.47 Ha-3.023	08.11.2026	Non-Captive	Latitudes-20°30'11.50560"N to 20°30'17.61660" N and

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								Longitudes 82°53'44.27016"E to 82°53'53.54584"E
34	Malijhar Stone Quarry	Prasant Pal	AT/PO/PS-Belpada	10322100018 05.01.2021	Ac-6.60 Ha-2.67	18.01.2026	Non-Captive	Latitudes-20°37'49.73797"N to 20°37'39.28737" N and Longitudes 83°01'17.12251"E to 83°01'11.70063"E
35	Admunda Stone Quarry	HaribandhuM eher	AT/PO/PS- Belpada, Balangir	10322100569 26.03.2021	Ac-4.90 Ha-1.982	14.01.2026	Non-Captive	Latitudes-20°42'44.41695"N to 20°42'39.18951" N and Longitudes 82°53'54.56242"E to 82°53'43.38070"E
36	Bhuliabandh Stone Quarry	Mohit Kumar Agrawal	AT/PO- Kantabanji, Dist- Balangir	25.09.2021	Ac-5.00 Ha-2.023	24.09.2026	Non-Captive	Latitudes-20°36'18.32731"N to 20°36'12.18382" N and Longitudes 83°04'30.21012"E to 83°04'22.84853"E
37	Ghagurli Stone Quarry	G.D Mining Pvt. Ltd.	347, Santosh Ray Road, Kolkata	668 Dt. 12.11.2024	Ac-10.63 Ha-4.303	11.11.2029	Non-Captive	Latitudes-20°38'05.13"N to 20°38'14.21" N and Longitudes 82°55'01.76"E to 82°55'11.71"E
38	Rengali-A Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.00 Ha-1.214	Not Applicable	Not Applicable	Latitudes-20°36'33.00504"N to 20°36'36.70558" N and Longitudes- 82°51'49.34906"E to 82°51'53.70062"E
39	Rengali-B Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.00 Ha-1.214	Not Applicable	Not Applicable	Latitudes-20°36'27.86541"N to 20°36'31.56594"N and

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								Longitudes- 82°51'48.04702"E to 82°51'52.39858"E
40	Rengali-C Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.00 Ha-1.214	Not Applicable	Not Applicable	Latitudes-20°36'28.61922"N to 20°36'32.26836"N and Longitudes- 82°51'53.82911"E to 82°51'58.18067"
41	Rengali-D Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-2.24 Ha-0.906	Not Applicable	Not Applicable	Latitudes-20°36'38.56850"N to 20°36'44.70394" N and Longitudes 82°51'55.48170"E to 82°52'02.59153"E
42	Barabahali Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.75 Ha-1.517	Not Applicable	Not Applicable	Latitudes-20°42'48.57490"N to 20°42'54.78529" N and Longitudes-82°53'45.15285"E to 82°53'50.12802"E
43	Bagadora Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-5.71 Ha-2.310	Not Applicable	Not Applicable	Latitudes-20°35'33.62470"N to 20°35'44.95117" N and Longitudes-82°51'09.04403"E to 82°51'19.16911"E
44	Mandal-3 Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-6.12 Ha-2.476	Not Applicable	Not Applicable	Latitudes-20°35'10.28019"N to 20°35'17.09278" N and Longitudes-82°59'56.19512"E to 83°00'03.48056"E
45	Mandal-4 Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-4.95 Ha-2.003	Not Applicable	Not Applicable	Latitudes-20°35'02.69777"N to 20°35'11.80135" N and

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								Longitudes-82°59'56.23698"E to 83°00'05.09539"E
46	Sargimunda Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-7.00 Ha-2.832	Not Applicable	Not Applicable	Latitudes-20°40'44.96600"N to 20°40'50.89799" N and Longitudes-82°54'46.27097"E to 82°54'55.49661"E
47	Mundagan Stone Quarry-A	Proposed	New Source For Future Auction	Not Applicable	Ac-8.00 Ha-3.237	Not Applicable	Not Applicable	Latitudes-20°37'23.30247"N to 20°37'31.61322" N and Longitudes-82°56'55.62323"E to 82°57'02.51326"E
48	Mundagan Stone Quarry-B	Proposed	New Source For Future Auction	Not Applicable	Ac-4.00 Ha-1.618	Not Applicable	Not Applicable	Latitudes-20°37'21.98849"N to 20°37'30.35282" N and Longitudes-82°56'49.80994"E to 82°56'56.68971"E

Tahasil: Deogaon

49	Bahali Stone Quarry	Biswajit Patra	AT/PO/PS- Deogaon, Balangir 767029	10352100023 13.01.2021	Ac-0.84 Ha-0.339	12.01.2026	Non-Captive	Latitudes-20°31'05.58067"N to 20°31'08.29611" N and Longitudes 83°23'37.50062"E to 83°23'40.15181"E
50	Sunarijore Stone Quarry-B	Rahul Agrawal	AT/PO/PS-Kantabanji, Balangir 767039	10352300865 18.10.2023	Ac-2.00 Ha-0.809	17.10.2028	Non-Captive	Latitudes-20°41'23.18"N to 20°41'19.93" N and Longitudes 83°17'34.96"E to 83°17'28.28"E

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51	Gudkhapala Stone Quarry	Data is not available	TO BE AUCTION	Data is not available	Ac-3.13 Ha-1.267	Data is not available	Not Applicable	Latitudes-20°32'56.15126"N to 20°33'23.00700" N and Longitudes 83°33'09.70295"E to 83°33'35.46366"E
52	Gaddwar Stone Quarry	Data is not available	TO BE AUCTION	Data is not available	Ac-1.30 Ha-0.526	Data is not available	Not Applicable	Latitudes-20°35'29.72880"N to 20°35'31.32894" N and Longitudes 83°23'24.58665"E to 83°23'30.66712"E
53	Ghatuldunguri Stone Quarry	Biswajit Patra	AT/PO-Deogaon	10.08.2021	Ac-4.02 Ha-1.626	09.08.2026	Non-Captive	Latitudes-20°35'15.018"N to 20°35'30.513" N and Longitudes 83°15'24.916"E to 83°15'44.388"E
54	Mundapala Stone Quarry	Sadhu Mahakur	At-Mundapala PS-DeogaonBalangir 767067	10352100062 29.01.2021	Ac-1.00 Ha-0.404	28.01.2026	Non-Captive	Latitudes-20°33'28.38132"N to 20°33'25.73441" N and Longitudes 83°34'48.42230"E to 83°34'45.97669"E
55	Sirabahal Stone Quarry	Niraj Agrawal	At-Palaceline, Balangir Town, PO/PS-Balangir, Dist-Balangir	10352200596 27.07.2022	Ac-12.35 Ha-5.00	26.07.2027	Non-Captive	Latitudes-20°33'36.39087"N to 20°33'45.71502" N and Longitudes 83°26'22.66205"E to 83°26'35.17792"E
56	Sunarijore Stone Quarry-A	Non-Working	For Future Auction	11.01.2021	Ac-8.00 Ha-2.237	10.01.2026	Non-Captive	Latitudes-19°23'11.14"N to 19°23'15.76" N and Longitudes 82°11'32.26"E to 82°11'35.84"E

Tahasil: Balangir

57	Mankadachuan Stone Quarry	Shri Ankush Prasad Hota	At/Po-Puintala, Dist-Balangir	312100037 Dt.05.01.2021	Ac-1.416 Ha-3.50	04.01.2026	Non-Captive	Latitudes-20°37'34.71492"N to 20°37'40.30680" N and Longitudes 83°30'32.31360"E to 83°30'36.83232"E
58	Santelen Stone Quarry	TahasildarBalangir	For temporary permitt	15.09.2021	Ac-2.71 Ha-1.09	14.09.2026	Captive	Latitudes-20°44'47.23729"N to 20°44'41.68649" N and Longitudes 83°17'45.75281"E to 83°17'36.62824"E
59	Hardatal Stone Quarry	Khemji Bhai Patel	At-Gandhi Nagar, Balangir Town, Dist-Balangir	312100646 Dt.02.03.2021	Ac-5.20 Ha-2.10	01.03.2026	Non-Captive	Latitudes-20°44'12.78924"N to 20°44'.18.01032" N and Longitudes 83°20'41.02620"E to 83°20'49.30620"E
60	Dhulusar Stone quarry	Khemji Bhai Patel	At-Gandhi Nagar, Balangir Town, Dist-Balangir	312101204 Dt.13.04.2021	Ac-4.71 Ha-1.91	12.04.2026	Non-Captive	Latitudes-20°43'56.86968"N to 20°43'49.47204" N and Longitudes 83°18'41.87124"E to 83°18'32.20992"E
61	Basupali Stone quarry-1	Abhijit Panigrahi	At-Sadaipali, Po-Sindurbahal, Dist-Balangir	312500976 Dt.-27.03.2025	Ac-4.40 Ha-1.78	26.03.2030	Non-Captive	Latitudes-20°37'35.66306"N to 20°37'30.00089" N and Longitudes 83°27'03.44884"E to 83°26'54.98327"E
62	Basupali Stone Quarry-2	Niraj Agrawal	At-Palace field, Mukhyadakghar, Balangir, 767001	312501018 Dt.28.03.2025	Ac-5.00 Ha-2.023	27.03.2030	Non-Captive	Latitudes-20°37'34.26865"N to 20°37'29.23114" N and

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								Longitudes 83°27'02.96935"E to 83°26'52.41910"E
63	Basupali Stone Quarry-3	Niraj Agrawal	At-Palace field, Mukhyadakghar, Balangir, 767001	312501020 Dt.28.03.2025	Ac-5.01 Ha-2.023	27.03.2030	Non-Captive	Latitudes-20°37'33.06503"N to 20°37'26.75476" N and Longitudes 83°27'01.51428"E to 83°26'49.86153"E
64	Basupali Stone Quarry-4	Niraj Agrawal	At-Palace field, Mukhyadakghar, Balangir, 767001	312501019 Dt. 28.03.2025	Ac-5.02 Ha-2.023	27.03.2030	Non-Captive	Latitudes-20°37'31.62015"N to 20°37'25.59574" N and Longitudes 83°27'01.48209"E to 83°26'49.13513"E
65	Basupali Stone Quarry-5	Abhijit Panigrahi	At-Sadaipali, Po-Sindurbahal, Dist-Balangir	312500975 Dt. 27.03.2025	Ac-4.50 Ha-1.482	26.03.2030	Non-Captive	Latitudes-20°37'29.49234"N to 20°37'24.16425" N and Longitudes 83°27'00.72530"E to 83°26'48.53893"E
66	Bhutiabahal Stone quarry-A	Niraj Agrawal	At-Palace field, Mukhyadakghar, Balangir, 767001	352400597 Dt.26.07.2024	Ac-4.00 Ha-1.461	25.07.2029	Non-Captive	Latitudes-20°35'56.46661"N to 20°35'50.69137" N and Longitudes 83°20'46.41214"E to 83°20'40.699986"E
67	Bhutiabahal Stone Quarry-B	Niraj Agrawal	At-Palace field, Mukhyadakghar, Balangir, 767001	352400595 Dt.26.07.2024	Ac-3.00 Ha-1.214	25.07.2029	Non-Captive	Latitudes-20°35'59.47301"N to 20°35'54.69618" N and Longitudes 83°20'37.24742"E to 83°20'34.00191"E

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68	Bhutiabahal Stone Quarry-C	Niraj Agrawal	At-Palace field, Mukhyadakghar, Balangir, 767001	352400596 Dt.26.07.2024	Ac-2.00 Ha-0.809	25.07.2029	Non-Captive	Latitudes-20°35'56.26074"N to 20°35'53.93967" N and Longitudes 83°20'30.72106"E to 83°20'26.35342"E
69	Fatkra Stone Quarry	Niraj Agrawal	At-Palace field, Mukhyadakghar, Balangir, 767001	352200609 Dt.03.08.2022	Ac-8.10 Ha-3.277	02.08.2027	Non-Captive	Latitudes-20°38'32.78738"N to 20°38'24.43376" N and Longitudes 83°20'25.83633"E to 83°20'18.62713"E
70	Rajamunda Stone Quarry	Niraj Agrawal	At-Palace field, Mukhyadakghar, Balangir, 767001	352200608 Dt.03.08.2022	Ac-2.00 Ha-0.809	02.08.2027	Non-Captive	Latitudes-20°36'37.80152"N to 20°36'42.45329" N and Longitudes 83°20'08.43834"E to 83°20'15.66861"E
71	Bhanpur-III Stone Quarry	Umakanta Naik	At-Sinkhaman, Po-Sikachhida, Dist-Balangir, 767029	312100695 Dt.01.03.2021	Ac-1.00 Ha-0.404	28.02.2026	Non-Captive	Latitudes-20°38'05.84010"N to 20°38'02.75375" N and Longitudes 83°26'19.77825"E to 83°26'17.80977"E
72	Barkani Stone Quarry	Shubhranshu Panigrahi	Udaya Nagar, Balangir Town, Balangir, 767001	312100814 Dt.16.03.2021	Ac-1.84 Ha-0.744	15.03.2026	Non-Captive	Latitudes-20°44'30.06433"N to 20°44'33.31446" N and Longitudes 83°27'09.34822"E to 83°27'13.55287"E

Tahasil: Khaprakhol

73	Chitikamal Stone Quarry	Shri Mukesh Agrawal	At-Nayasadak, Padampur, Po/Ps-	40322202092 Dt.28.11.2022	Ac-0.66 Ha-0.267	27.11.2027	Non-Captive	Latitudes-20°47'18.11343"N to 20°47'16.40707" N and
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			Padampur, Dist-Bargarh, 768036					Longitudes 83°02'22.90571"E to 83°02'19.90931"E
74	Karuanjhar Stone Quarry-1	Shri Ajit Kumar Sahoo	Project Manager Shri Durga Condev Pvt Ltd, Cuttack	30.06.2021	Ac-5.20 Ha-2.104	29.06.2026	Non-Captive	Latitudes-20°38'13.09377"N to 20°38'05.70436" N and Longitudes 82°45'09.82062"E to 82°45'02.13269"E
75	Baghamunda Stone Quarry	Shri Siyaramsharma	At/Po-Padampur, Ps-Rajabubasambar, Dist-Bargarh	10322000535 Dt.14.05.2020	Ac-4.28 Ha-1.7	13.05.2025	Non-Captive	Latitudes-20°49'00.40272"N to 20°48'49.45529" N and Longitudes 83°05'45.73323"E to 83°05'40.33119"E
76	Karuanjhar Stone Quarry -3	Proposed	New Source for Future Auction	Not Applicable	Ac-17.68 Ha-7.154	Not Applicable	Not Applicable	Latitudes-20°37'56.56620"N to 20°38'11.03496" N and Longitudes-83°44'51.79584"E to 83°45'04.29084"E

Tahasil: Muribahal

77	Andaldarah Stone Quarry	Pruthiraj Patra	At-Andaldarah, Po-Badasaimara, Dist-Balangir	332101599 Dt.21.09.2021	Ac-2.00 Ha-0.809	20.09.2026	Non-Captive	Latitudes-20°29'30.73784"N to 20°29'25.76267" N and Longitudes 83°01'46.65598"E to 83°01'37.09251"E
78	Hadhada Stone Quarry	Lokesh Roshan Mishra	At/Po-Kantabanji, Dist-Balangir,767039	342200676 Dt.10.05.2022	Ac-2.00 Ha-0.809	09.05.2027	Non-Captive	Latitudes-20°21'43.44041"N to 20°21'39.79897" N and Longitudes 83°00'04.19426"E to 83°00'00.97342"E

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79	Tengra Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-7.00 Ha-2.832	Not Applicable	Not Applicable	Latitudes-20°29'39.93544"N to 20°29'47.71945" N and Longitudes 83°02'00.39845"E to 83°02'09.98841"E
80	Ranabandh-A Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.96 Ha-1.602	Not Applicable	Not Applicable	Latitudes-20°17'38.85114"N to 20°17'43.67083" N and Longitudes 83°04'51.57483"E to 83°04'58.55445"E
81	Ranabandh-B Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-1.38 Ha-0.558	Not Applicable	Not Applicable	Latitudes-20°17'34.14247"N to 20°17'37.41899" N and Longitudes 83°04'36.42020"E to 83°04'41.24393"E
82	Dejuri Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-1.62 Ha-0.655	Not Applicable	Not Applicable	Latitudes-20°16'27.26235"N to 20°16'30.15339" N and Longitudes 83°04'47.64319"E to 83°04'51.86197"E
83	Sargul Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-1.32 Ha-0.534	Not Applicable	Not Applicable	Latitudes-20°30'01.57464"N to 20°30'06.63718" N and Longitudes 83°06'17.83602"E to 83°06'23.14698"E

Tahasil: Puintala

84	Janipali Stone Quarry	Shri Rajkishore Naik	At/Po-Bhaler, Dist-Balangir	10312101627 Dt.02.07.2021	Ac-2.02 Ha-0.817	01.07.2026	Non-Captive	Latitudes-20°40'37.06382"N to 20°40'31.84709" N and
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								Longitudes 83°33'53.77316"E to 83°33'50.73221"E
85	Badburkabahal Stone Quarry	Shri Akash Panda	At-Rugudipara, Po/Dist-Balangir	10312202542 Dt.27.07.2022	Ac-5.00 Ha-2.023	26.07.2027	Non-Captive	Latitudes-20°37'34.09530"N to 20°37'40.58646" N and Longitudes 83°36'52.61805"E to 83°36'56.44912"E
86	Bileikani Stone Quarry	Shri Ankush Prasad Hota	At-Tikirapada, Po/Dist-Balangir	10312101402 Dt.02.06.2021	Ac-5.00 Ha-2.023	01.06.2026	Non-Captive	Latitudes-20°37'50.13143"N to 20°37'45.93353" N and Longitudes 83°35'07.41520"E to 83°35'01.05739"E
87	Badburkabahal Stone Quarry-B	Mr. Sai Baba Stone Crusher	C/o Aditya prasad Pati, RameswaraNagar,Dist-Balangir	10312101632 Dt.03.07.2021	Ac-5.00 Ha-2.023	02.07.2027	Non-Captive	Latitudes-20°37'41.69244"N to 20°37'34.88016" N and Longitudes 83°36'51.98832"E to 83°36'48.48228"E
88	Mahadevpali Stone Quarry	Shri Akash Panda	At-Rugudipara, Po/Dist-Balangir	10312203079 Dt.14.09.2022	Ac-2.00 Ha-0.809	13.09.2027	Non-Captive	Latitudes-20°38'06.20223"N to 20°38'02.88686" N and Longitudes 83°32'36.65898"E to 83°32'33.03982"E
89	Duhel Stone Quarry-C	Shri Suryanarayan Sahu	At/Po-Tarabha, Dist-Subarnapur	10312101890 Dt.02.07.2021	Ac-5.00 Ha-2.020	01.07.2026	Non-Captive	Latitudes-20°37'43.36998"N to 20°37'40.48832" N and Longitudes 83°36'01.77644"E to 83°35'59.20744"E
90	Kutenpali Stone Quarry	Shri Anurag Agrawal	Railway station Road, Dist-Balangir	10311600957 Dt.28.06.2016	Ac-5.00	29.06.2021	Non-Captive	Latitudes-20°38'03.26008"N to 20°37'45.02561" N and

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					Ha-2.020			Longitudes 83°35'08.04048"E to 83°34'54.92822"E
91	Patharla-B Stone Quarry	Sri Krutibas Mishra	At- Bhajabalpur, Po- Dharamsala, Dist- Subarnapur	Data is not available EC Under Process	Ac-5.00 Ha-2.020	Data is not available	Non-Captive	Latitudes-20°38'51.11376"N to 20°38'43.28844" N and Longitudes 83°36'48.00888"E to 83°36'42.81336"E
92	Patharla Stone Quarry-A	Proposed	New Source For Future Auction	Not Applicable	Ac-5.00 Ha-2.023	Not Applicable	Not Applicable	Latitudes-20°38'45.42132"N to 20°38'50.35109" N and Longitudes-83°36'34.25818"E to 83°36'41.30377"E

Tahasil: Titilagarh

93	Burdipada-A Stone Quarry	GouravSabhr wal	At-Tikirapada,Po- Titilagarh ,Dist-Balangir	332201578 Dt.21.07.2022	Ac-4.00 Ha-1.618	20.07.2027	Non-Captive	Latitudes-20°17'45.94302"N to 20°17'41.17172" N and Longitudes 83°11'17.00969"E to 83°11'13.62309"E
94	Burdipada-B Stone Quarry	AjitSahu	At-Burdipada,Po-Desil ,TitilagarhDist-Balangir	332200207 Dt.02.02.2022	Ac-4.00 Ha-1.618	01.02.2027	Non-Captive	Latitudes-20°17'44.83514"N to 20°17'42.35194" N and Longitudes 83°11'26.37776"E to 83°11'17.586327"E
95	Burdipada-C Stone Quarry	Mishra Pradhani	At/Po- Sirol, TitilagarhDist- Balangir	332202340 Dt.08.12.2022	Ac-4.00 Ha-1.618	07.12.2027	Non-Captive	Latitudes-20°17'42.31477"N to 20°17'35.02505" N and Longitudes 83°11'32.79902"E to 83°11'26.93651"E

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96	Desil-A Stone Quarry	Shri Amarjit Bag	Malgodampada, At/Po-Titilagarh Dist-Balangir	10332202338 Dt.08.12.2022	Ac-3.00 Ha-1.214	07.12.2027	Non-Captive	Latitudes-20°16'10.04239"N to 20°16'06.01279" N and Longitudes 83°10'44.27912"E to 83°10'38.68426"E
97	Desil-B Stone Quarry	Shri Manoj Kumar Goel	At/Po-Titilagarh (Sardiguda), Dist-Balangir	332102193 Dt.22.12.2021	Ac-3.00 Ha-1.214	21.12.2026	Non-Captive	Latitudes-20°16'13.14804"N to 20°16'08.30820" N and Longitudes 83°10'40.23876"E to 83°10'36.39612"E
98	Desil-C Stone Quarry	Shri Manoj Kumar Goel	At/Po-Titilagarh (Sardiguda), Dist-Balangir	10332201930 Dt.16.09.2022	Ac-3.00 Ha-1.214	15.09.2027	Non-Captive	Latitudes-20°16'09.54120"N to 20°16'15.06828" N and Longitudes 83°10'37.63596"E to 83°10'43.45464"E
99	Desil-D Stone Quarry	Shri Premchand Jain	At/Po-Titilagarh, Dist-Balangir	332100780 Dt. 04.06.2021	Ac-3.00 Ha-1.214	03.06.2026	Non-Captive	Latitudes-20°16'11.31348"N to 20°16'06.47220" N and Longitudes 83°10'44.71500"E to 83°10'40.23876"E
100	Sihini Stone Quarry	Shri Gajendra Chhatar	At/Po-Sihini, Titilagarh, Dist-Balangir	3321613 Dt.24.09.2021	Ac-3.00 Ha-1.214	23.09.2026	Non-Captive	Latitudes-20°15'41.85153"N to 20°15'37.31238" N and Longitudes 83°08'10.08601"E to 83°08'06.02912"E
101	Sihini-2 Stone Quarry	Shri Binod Sahu	At/Po-Sihini, PS-Titilagarh, Dist-Balangir	EC Under Process	Ac-2.00 Ha-0.809	Data is not available	Non-Captive	Latitudes-20°15'45.98658"N to 20°15'42.88718" N and Longitudes 83°08'07.09905"E to 83°08'04.08805"E

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102	Turla Stone Quarry	Shri Khyamanidhi Chhura	At/Po-Jagua, Titilagarh, Dist-Balangir	332101857 Dt.11.11.2021	Ac-4.00 Ha-1.618	10.11.2026	Non-Captive	Latitudes-20°15'52.00566"N to 20°15'49.08892" N and Longitudes 83°08'07.06625"E to 83°08'00.52839"E
103	Dumdumi Stone Quarry	Shri Subas Chandra Sahu	At-Sagadghat, Po-Siker, Titilagarh, Dist-Balangir	332100526 Dt.24.03.2021	Ac-2.50 Ha-1.012	23.03.2026	Non-Captive	Latitudes-20°20'54.90708"N to 20°20'50.59428" N and Longitudes 83°11'28.99932"E to 83°11'25.37916"E
104	Nirmula-III Stone Quarry	Shri Mukesh Kumar Jain	At-Kursud, Ps-Sindhekela, Dist-Balangir	332200219 Dt.04.02.2022	Ac-1.00 Ha-0.404	03.02.2027	Non-Captive	Latitudes-20°10'38.22783"N to 20°10'35.73586" N and Longitudes 82°58'55.41907"E to 82°58'52.69711"E
105	Kotmara-II Stone Quarry	Shri ManpatiMugri	At-Kotmara, Po-Kursud,Ps-Sindheikela, Dist-Balangir	332202324 Dt.07.12.2022	Ac-1.50 Ha-0.607	06.12.2027	Non-Captive	Latitudes-20°12'00.29510"N to 20°11'57.29698" N and Longitudes 82°56'27.85442"E to 82°56'24.15113"E
106	Junapada Stone Quarry	Shri MarkandaBagarti	At/Po-Naren,Ps-Titilagarh, Dist-Balangir	332200502 Dt.16.03.2022	Ac-2.00 Ha-0.809	15.03.2027	Non-Captive	Latitudes-20°15'10.86048"N to 20°15'06.94440" N and Longitudes 83°05'17.21076"E to 83°05'13.29612"E
107	Gandhargala Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.93 Ha-1.590	Not Applicable	Not Applicable	Latitudes-20°14'00.78378"N to 20°14'08.97999" N and Longitudes 83°02'32.50303"E to 83°02'42.22281"E

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108	Junapada-B Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.00 Ha-1.214	Not Applicable	Not Applicable	Latitudes-20°15'11.02286"N to 20°15'13.55250" N and Longitudes 83°04'48.31008"E to 83°04'55.23146"E
109	Junapada-C Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-4.00 Ha-1.618	Not Applicable	Not Applicable	Latitudes-20°15'06.11707"N to 20°15'08.04444" N and Longitudes- 83°05'00.74142"E to 83°05'11.64146"E
110	Junapada-D Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.00 Ha-1.214	Not Applicable	Not Applicable	Latitudes-20°15'09.56149"N to 20°15'12.97934" N and Longitudes- 83°04'38.66727"E to 83°04'46.83929"E

Tahasil: Bangomunda

111	Borbahal Stone Quarry	Non-Working	For Temporary Permit	01.07.2021	Ac-0.600 Ha-0.242	30.06.2026	Non-Captive	Latitudes-20°19'20.23453"N to 20°19'22.80349" N and Longitudes 82°53'34.53714"E to 82°53'38.64714"E
112	Barlabahali Stone Quarry	Sri Sachin Agrawal	At/Po-Bangomunda, Dist-Balangir, Odisha	10342100989 Dt-21.10.2021	Ac-3.00 Ha-1.214	20.10.2026	Non-Captive	Latitudes-20°17'55.87905"N to 20°17'49.98962" N and Longitudes 82°49'03.54603"E to 82°48'57.25398"E
113	Sahajot Stone Quarry	Sri Giridhari Lal Agrawal	At/Po- Babebir, Dist-Nuapada, Odisha-766118	05.08.2022	Ac-3.800 Ha-1.537	04.08.2027	Non-Captive	Latitudes-20°18'44.88949"N to 20°18'54.33220" N and

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								Longitudes 82°54'03.09002"E to 82°53'59.82635"E
114	Deheli Stone Quarry-A	SmtDevindra Seluja	At-Kantabanji, Balangir, Odisha	10342100270, Dt-09.03.2021	Ac-1.500 Ha-0.607	08.03.2026	Non-Captive	Latitudes-20°13'46.15078"N to 20°13'43.99214" N and Longitudes 82°57'36.89618"E to 82°57'33.61600"E
115	Sanagamada Stone Quarry-C	Sri Ramesh Chandra Meher	At/Po-Bhuliasikuan, Ps-Khariar, Dist-Nuapada	10342100051, Dt-12.01.2021	Ac-3.00 Ha-1.214	11.01.2026	Captive	Latitudes-20°22'57.87480"N to 20°22'52.72104" N and Longitudes 82°49'01.95240"E to 82°48'54.83304"E
116	Sanagamada Stone Quarry-D	Sri Baikuntha Meher	At/Po-Balumunda, Bangomunda, Dist-Balangir, Odisha	11342200263, Dt-06.02.2022	Ac-4.800 Ha-1.942	05.02.2027	Non-Captive	Latitudes-20°22'49.15476"N to 20°22'36.85944" N and Longitudes 82°49'03.59904"E to 82°48'56.61504"E
117	Sindhbhadi Stone Quarry-I	Sri Laxmi Chand Mittal	At/Po- Babebir, Dist-Nuapada, Odisha	1032100383 Dt-06.04.2021	Ac-6.040 Ha-2.44	05.04.2026	Non-Captive	Latitudes-20°17'16.19404"N to 20°17'25.03422" N and Longitudes- 82°50'32.62007"E to 82°50'39.23992"E
118	Sanagamada Stone Quarry-B	Sri Subrat Agrawal MD of M/s D.D Builders Ltd.	At/Po- Ladugaon, Ps-Koksara, Dist-Kalahandi-766024	10342100652 Dt-27.07.2021	Ac-3.00 Ha-1.214	19.07.2026	Non-Captive	Latitudes-20°22'59.42906"N to 20°22'54.91555"N and Longitudes- 82°48'59.96954"E to 82°48'53.78369"E

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119	Salemudga Stone Quarry-B	Sri Sachin Agrawal	At/Po/PS-Bangomunda, Dist-Balangir	10342100264 Dt-02.03.2021	Ac-4.00 Ha-1.618	01.03.2026	Captive	Latitudes-20°14'35.95056"N to 20°14'31.93044 N and Longitudes- 82°56'48.14412"E to 82°56'43.48032"E
120	Bhirkapada Stone Quarry	Sri RakishorKum bhar	At/Po-Chuliphunka Ps-Bangomunda,Dist-Balangir-767040	10342100043 Dt-01.04.2020	Ac-0.470 Ha-0.190	31.03.2025	Non-Captive	Latitudes-20°18'27.92520"N to 20°18'25.69104"N and Longitudes- 82°53'36.30804"E to 82°53'34.74564"E
121	Sanagamada Stone Quarry-A	Sri Subrat Agrawal MD of M/s D.D Builders Ltd.	At/Po- Ladugaon, Ps-Koksara, Dist-Kalahandi-766024	10342300314 Dt-08.08.2022	Ac-3.00 Ha-1.214	07.08.2027	Non-Captive	Latitudes-20°23'01.82760"N to 20°22'57.02556" N and Longitudes- 82°48'59.62644"E to 82°48'53.46576"E
122	Deheli Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-4.00 Ha-1.618	Not Applicable	Not Applicable	Latitudes-20°14'02.94086"N to 20°14'09.27975" N and Longitudes- 82°57'29.01788"E to 82°57'22.59333"E

Tahasil: Kantabanji

123	Sandhibahali Stone Quarry	Sri Sanjay Kumar Agrawal	At/Po-Bhuliasikuan,Ps-Khariar, Nuapada	10341700951 Dt-01.11.2017	Ac-6.00 Ha-2.42	01.11.2022	Non-Captive	Latitudes-20°21'28.24334"N to 20°21'36.89506 N and Longitudes- 82°46'31.44504"E to 82°46'38.67480"E
124	Mahakhand Stone Quarry-I	Sri Saroj Kumar Meher	At/Po-Bhuliasikuan,Ps-Khariar, Nuapada	10342200217 Dt-11.02.2022	Ac-4.84 Ha-1.158	10.02.2027	Non-Captive	Latitudes-20°22'40.71069"N to 20°22'33.37129 N and

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								Longitudes- 82°47'41.79942"E to 82°47'37.13777"E
125	Chatuanka Stone Quarry-II	SmtNirupama Majhi	At-JamutJuri, Po-Chaulsukha, Ps-Kantabanji, Balangir	10342100142 Dt-04.02.2021	Ac-6.20 Ha-2.509	03.02.2026	Non-Captive	Latitudes-20°28'17.85632"N to 20°28'10.27322 N and Longitudes- 82°56'13.56910"E to 82°56'06.17496"E
126	Tikrapada Stone Quarry	Sri Gopal Agrawal	At-Ward No-2, New Mangal deep, Po/Ps-Khariat, Dist-Nuapada-766107	10342100408 Dt-09.04.2021	Ac-10.00 Ha-2.50	08.04.2026	Non-Captive	Latitudes-20°23'32.54274"N to 20°23'27.10977 N and Longitudes- 82°45'06.70326"E to 82°45'01.49766"E
127	Kukudahad Stone Quarry-B	Proposed	New Source For Future Auction	Not Applicable	Ac-14.39 Ha-5.823	Not Applicable	Not Applicable	Latitudes-20°27'24.69776"N to 20°27'38.04828" N and Longitudes- 82°56'36.08687"E to 82°56'46.23637"E
128	Ghanamahul Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-3.77 Ha-1.525	Not Applicable	Not Applicable	Latitudes-20°27'17.28584"N to 20°27'25.78337" N and Longitudes 82°56'30.92436"E to 82°56'49.98727"E
129	Beherensilet-1 Stone Quarry	Coming under DLC Proposed Extinction						

Tahasil: Saintala

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130	Dunguripali Stone Quarry	Sri Mohit Kumar Agrawal	At-Bapuji Chowk, Po/Ps-Saintala, Balangir	10332100055, Dt-11.01.2021	Ac-3.96 Ha-1.602	10.01.2026	Non-Captive	Latitudes-20°24'11.08923"N to 20°24'06.68068 N and Longitudes- 83°23'41.50199"E to 83°23'30.39181"E
131	Manamunda Stone Quarry	Sri Naimish Kumar Panigrahi	At-Alok Chowk, Po/Ps-Saintala, Balangir	10332001868 Dt-24.12.2020	Ac-9.34 Ha-3.77	23.12.2025	Non-Captive	Latitudes-20°30'44.62715"N to 20°30'25.96579 N and Longitudes- 83°23'32.83737"E to 83°23'21.27368"E
132	Dangarpada Stone Quarry	Sri Ajit Kumar Jain	At/Po/Ps-Tusura, Balangir	10332001869 Dt-24.12.2020	Ac-3.51 Ha-1.42	23.12.2025	Non-Captive	Latitudes-20°30'03.14627"N to 20°29'58.63270 N and Longitudes- 83°25'26.65473"E to 83°25'18.38766"E
133	Kandhkelgaon Stone Quarry	Data is not available	Data is not available	16.09.2021	Ac-4.20 Ha-1.7	15.09.2026	Non-Captive	Latitudes-20°29'47.58763"N to 20°30'06.52363"N and Longitudes- 83°24'59.08251"E to 83°25'05.56667"E
134	Turchauper Stone Quarry	Non Working	For Future Auction	Data is not available	Ac-4.00 Ha-1.618	Data is not available	Data is not available	Latitudes-20°25'13.45432"N to 20°25'17.56603"N and Longitudes- 83°23'11.31543"E to 83°23'06.71545"E
135	Kechhomuhan-A Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-8.78 Ha-3.553	Not Applicable	Not Applicable	Latitudes-20°24'00.16084"N to 20°24'07.92169" N and Longitudes 83°23'38.02030"E to 83°23'48.50516"E

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136	Kechhomuhan-B Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-1.54 Ha-0.623	Not Applicable	Not Applicable	Latitudes-20°24'06.01469"N to 20°24'10.16367" N and Longitudes 83°23'49.26337"E to 83°23'52.62662"E
Tahasil: Patnagarh								
137	Guhuriamunda-A Stone Quarry	Sri Suresh Agrawal	At-Kadopada (DurgamandapGali) Po/Ps- Patnagarh, Balangir	10322100708 Dt-24.05.2021	Ac-3.00 Ha-1.214	23.05.2026	Non-Captive	Latitudes-20°40'41.12810"N to 20°40'33.11442 N and Longitudes- 83°04'34.26894"E to 83°04'28.53577"E
138	Guhuriamunda-B Stone Quarry	Sri Suresh Agrawal	At-Kadopada(Durgamanda pGali) Po/Ps- Patnagarh, Balangir	10322101136 Dt-10.08.2021	Ac-5.00 Ha-2.023	09.07.2026	Non-Captive	Latitudes-20°40'31.41014"N to 20°40'26.56603 N and Longitudes- 83°04'28.19982"E to 83°04'19.65517"E
139	Jhulenbar Stone Quarry	Sri Suresh Agrawal	At-Kadopada(Durgamanda pGali) Po/Ps- Patnagarh, Balangir	10322101409 Dt-08.09.2021	Ac-2.24 Ha-0.906	07.09.2026	Non-Captive	Latitudes-20°44'37.07080"N to 20°44'31.89690 N and Longitudes- 83°05'00.74326"E to 83°04'51.10644"E
140	Rengali Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-1.87 Ha-0.756	Not Applicable	Not Applicable	Latitudes-20°49'08.56909"N to 20°49'13.60551" N and Longitudes 83°09'31.64739"E to 83°09'35.63060"E
141	Bharatbahal Stone quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-8.60 Ha-3.480	Not Applicable	Not Applicable	Latitudes-20°48'47.23616"N to 20°48'56.91581" N and

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								Longitudes 83°14'47.72025"E to 83°14'56.92705"E
142	Dabamal Stone quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-8.00 Ha-3.237	Not Applicable	Not Applicable	Latitudes-20°48'25.44734"N to 20°48'29.90683" N and Longitudes-83°05'31.04008"E to 83°05'42.96403"E

Tahasil: Agalpur

143	Badtika-A Stone Quarry	Proposed	New Source For Future Auction	Not Applicable	Ac-10.00 Ha-4.046	Not Applicable	Not Applicable	Latitudes-20°55'00.10928"N to 20°55'10.20336" N and Longitudes-83°28'09.06973"E to 83°28'16.04507"E
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14. TOTAL MINERAL RESERVE AVAILABLE IN THE DISTRICT

Total mineral reserve of Road metal will access after detail study or grant of potential area, which may investigate as per details below.

- (i) Blocks were identified based on geological studies through field observation.
- (ii) Mineable resource was calculated by considering detail prospecting.
- (iii) Area calculated as per GPS co-ordinates and information obtained from local people. Land detail need to be verified from revenue record.
- (iv) Since this is an interim report, as per the present requirement of minerals, more such blocks need to be identified and the data should be updated periodically, after certain intervals to update the data bank of DSR.

TOTAL GEOLOGICAL & MINEABLE RESERVE (EXISTING & PROPOSED)

Sl. No.	Tahasil	Name of the Quarry Lease	Area of Mining Lease in (Ha)	Location of the Minor lease(Longitude/Latitude)	Geological Reserve (MT/Cums)	Mineable Reserve (MT/Ccums)
1	LOISINGHA	Thakurpali Stone Quarry	Khata-44 Plot-477,479 Kisam-Patharchatana Ac-5.450 ha-2.025	Latitudes-20°50'05.85194"N to 20°49'57.90264" N and Longitudes 83°22'03.95674"E to 83°2'58.76999"E	GR-275157.	MR-156019
2	LOISINGHA	Pandarani Stone Quarry	Khata-285 Plot-589 Kisam-Patharchatana Ac-10.00 Ha-4.046	Latitudes-20°52'59.00867"N to 20°52'49.48835" N and Longitudes 83°26'56.02595"E to 83°26'50.40148"E	GR-556841	MR-301664

3	LOISINGHA	Barkani Stone Quarry	Khata-30 Plot-1/P Kisam-Patharchatan Ha-4.856 ac-12.00	Latitudes-20°51'11.05129"N to 20°51'16.47617" N and Longitudes 83°19'24.03524"E to 83°19'49.91417"E	GR-794250	MR-437809
4	LOISINGHA	Dumdumi Stone Quarry	Khata-163 Plot-851 Kisam-Patharchatana Ha-2.428 Ac-6.00	Latitudes-20°52'27.43824"N to 20°52'33.18672" N and Longitudes 83°29'30.94548"E to 83°29'38.67756"E	GR-486924	MR-235806
5	LOISINGHA	Babja Stone Quarry	Khata-89 Plot- 632,802,805,806,810 Kisam-Patharchatana Ha-3.350 Ac-8.28	Latitudes-20°49'57.86431"N to 20°49'50.27906" N and Longitudes 83°20'55.10934"E to 83°20'42.68991"E	GR-375192	MR-181044
6	LOISINGHA	Magurbeda Stone Quarry	Khata-66 Plot-565 Kisam-Patharchatana Ha-1.214 Ac-3.00	Latitudes-20°46'03.75204"N to 20°46'07.45896" N and Longitudes 83°21'36.45108"E to 83°21'42.51420"E	GR-100120.65	MR-62394.25
7	LOISINGHA	Banjipali Stone Quarry	Khata-120 Plot-91 Kisam-Patharchatana Ha-0.745 Ac-1.820	Latitudes-20°52'50.11728"N to 20°52'44.96480" N and Longitudes 83°30'03.62520"E to 83°29'59.09375"E	GR-80518	MR-25998
8	LOISINGHA	Uchhabapali Stone Quarry-1	Khata-34 Plot-597/P Kisam-Pahada Ha-4.65 Ac-11.50	Latitudes-20°51'03.65116"N to 20°50'55.14506"N and Longitudes 83°20'44.95815"E to 83°20'37.95540"E.	GR-1242600	MR-752580

9	LOISINGHA	Uchhabapali Stone Quarry-2	Khata-34 Plot-597/P Kisam-Pahada Ha-4.65 Ac-11.50	Latitudes-20°51'05.44489"N to 20°50'56.95550"N and Longitudes 83°20'37.966685"E to 83°20'28.27389"E	GR-616653	MR-346945.5
10	LOISINGHA	Uchhabapali Stone Quarry-3	Khata-34 Plot-640/P Kisam-Pahada Ha-3.15 Ac-7.80	Latitudes-20°50'56.71353"N to 20°50'49.56172"N and Longitudes 83°21'02.85842"E to 83°20'56.72941"E	GR-508320	MR-280053
11	LOISINGHA	Uchhabapali Stone Quarry-4	Khata-34 Plot-639,640 Kisam-Pahada Ha-4.33 Ac-10.70	Latitudes-20°50'56.89220"N to 20°50'48.64949"N and Longitudes 83°21'13.17042"E to 83°21'04.35838"E	GR-329836.5	MR-270504
12	LOISINGHA	Uchhabapali Stone Quarry-5	Khata-34 Plot-597/P Kisam-Pahada Ha-3.09 Ac-7.65	Latitudes-20°50'56.57663"N to 20°50'50.03523"N and Longitudes 83°20'50.50534"E to 83°20'44.59993"E	GR-1955710	MR-456480
13	LOISINGHA	Uchhabapali Stone Quarry-6	Khata-34 Plot-640/P Kisam-Pahada Ha-3.035 Ac-7.500	Latitudes-20°50'57.72264"N to 20°50'50.00205"N and Longitudes 83°21'07.88760"E to 83°21'02.30934"E	GR-220185	MR-85455
14	LOISINGHA	Uchhabapali Stone Quarry-7	Khata-34 Plot-597/P Kisam-Pahada Ha-3.035 Ac-7.50	Latitudes-20°50'56.71353"N to 20°50'50.83293"N and Longitudes 83°20'57.58173"E to 83°20'50.33075"E	GR-421560	MR-236763

15	LOISINGHA	Uchhabapali Stone Quarry-8	Khata-34 Plot-751/P Kisam-Pahada Ha-2.719 Ac-6.72	Latitudes-20°50'54.97340"N to 20°50'46.27935"N and Longitudes 83°21'17.97806"E to 83°21'13.02323"E	GR-237451.5	MR-59940
16	LOISINGHA	Uchhabapali Stone Quarry-9	Khata-34 Plot-714/P Kisam-Pahada Ha-2.266 Ac-5.60	Latitudes-20°50'22.79193"N to 20°50'17.96267"N and Longitudes 83°20'47.83976"E to 83°20'39.34395"E.	GR-202324.5	MR-150822
17	LOISINGHA	Taliudar Stone Quarry	Khata-309 Plot-1879,1786,1790 Kisam-Patharchatan Ha-1.00 Ac-2.470	Latitudes-20°48'55.61844"N to 20°49'03.78732" N and Longitudes 83°23'12.44164"E to 83°23'16.72260"E	GR-87130.50	MR-21363.00
18	LOISINGHA	Uparudar Stone Quarry	Khata-144 Plot-32/P Kisam-Patharchatan Ha-2.832 Ac-7.00	Latitudes-20°49'48.91800"N to 20°49'58.17396" N and Longitudes 83°21'59.19660"E to 83°22'07.24512"E	GR-295523	MR-71468
19	Belpada	Bahabal Stone Quarry	Khata-120, Plot- 245,784,Kisam- PATHARCHATAN, Ha- 1.08 AC-2.69	Latitudes-20°32'06.91105"N to 20°32'00.11988" N and Longitudes 82°58'55.32424"E to 82°58'48.58447"E	GR-147582	MR-54864
20	Belpada	Mandal-1 Stone Quarry	Khata-229 , Plot- 34,Kisam- Pathachatan, Ha-4.50 ac-11.12	Latitudes-20°35'12.78444"N to 20°34'56.29906" N and Longitudes 83°00'11.06351"E to 82°59'56.21710"E	GR-427763	MR-187020
21	Belpada	Tara Stone Quarry	Khata-119, Plot- 979,Kisam- Patharchatan, Ha- 2.50 AC-6.20	Latitudes-20°40'06.45318"N to 20°40'01.85434" N and Longitudes 82°59'31.47346"E to 82°59'19.04247"E	GR-366538	MR-182808

22	Belpada	Mandal-2 Stone Quarry	Khata-229 Plot-219,228,348 Kisam-Patharchatan Ha-1.736 Ac-4.29	Latitudes-20°35'10.99380"N to 20°34'40.84256" N and Longitudes 83°00'59.50112"E to 83°00'49.48054"E	GR-296523	MR-72468
23	Belpada	Dakara Stone Quarry	Khata-126 Plot-174,183 Kisam-Patharchatan Ha-1.08 Ac-2.68	Latitudes-20°31'11.89658"N to 20°31'07.05505" N and Longitudes 83°00'36.53035"E to 83°00'26.58687"E	GR-141061	MR-34479
24	Belpada	Dunguripalli Stone Quarry	Khata-104 Plot- 256,143,144,298,318, 378,384,385,256/123 9,256/1240,256/1281, 256/1242,256/1242,3 38,356,382,332,337 Kisam-Patharchatan Ha-3.023 Ac-7.47	Latitudes-20°30'11.50560"N to 20°30'17.61660" N and Longitudes 82°53'44.27016"E to 82°53'53.54584"E	GR-252144	MR-100444
25	Belpada	Malijhar Stone Quarry	Khata-76 Plot-633 Kisam- Patharchatan Ha-2.67 Ac-6.60	Latitudes-20°37'49.73797"N to 20°37'39.28737" N and Longitudes 83°01'17.12251"E to 83°01'11.70063"E	GR-250370	MR-133920
26	Belpada	Admunda Stone Quarry	Khata-58, Plot- 66,Kisam-Dunguri , Ha-1.982 Ac-4.90	Latitudes-20°42'44.41695"N to 20°42'39.18951" N and Longitudes 82°53'54.56242"E to 82°53'43.38070"E	GR-209520	MR-98982

27	Belpada	Bhuliabandh Stone Quarry	Khata-53, Plot-07, Kisam-Dunguri, Ha-2.023 Ac-5.00	Latitudes-20°36'18.32731"N to 20°36'12.18382" N and Longitudes 83°04'30.21012"E to 83°04'22.84853"E	GR-242770	MR-184356
28	Belpada	Ghagurli Stone Quarry	Khata-214, Plot-14, Kisam-Dunguri, Ha-4.303 Ac-10.63	Latitudes-20°38'05.13"N to 20°38'14.21" N and Longitudes 82°55'01.76"E to 82°55'11.71"E	GR-476256	MR-159744
29	Deogaon	Bahali Stone Quarry	Khata-107 Plot-1147 Kisam-Patharchatan Ha-0.339 Ac-0.84	Latitudes-20°31'05.58067"N to 20°31'08.29611" N and Longitudes 83°23'37.50062"E to 83°23'40.15181"E	GR-21092	MR-5120.5
30	Deogaon	Sunarijore Stone Quarry-B	Khata-58 Plot-279 Kisam-Dunguri Ha-0.809 Ac-2.00	Latitudes-20°41'23.18"N to 20°41'19.93" N and Longitudes 83°17'34.96"E to 83°17'28.28"E	GR-35557.2	MR-15932.7
31	Deogaon	Gudkhapala Stone Quarry	Khata-181 Plot-586,588,619,789 Kisam-Patharchatan Ha-1.267 Ac-3.13	Latitudes-20°32'56.15126"N to 20°33'23.00700" N and Longitudes 83°33'09.70295"E to 83°33'35.46366"E	GR-81764.2	MR-19202.4
32	Deogaon	Gaddwar Stone Quarry	Khata-41 Plot-138/671 Kisam-Patharchatan Ha-0.526 Ac-1.30	Latitudes-20°35'29.72880"N to 20°35'31.32894" N and Longitudes 83°23'24.58665"E to 83°23'30.66712"E	GR-26768	MR-9485
33	Deogaon	Ghatuldunguri Stone Quarry	Khata-46 Plot-132 Kisam-Dunguri Ha-1.626 Ac-4.02	Latitudes-20°35'15.018"N to 20°35'30.513" N and Longitudes 83°15'24.916"E to 83°15'44.388"E	GR-86577.4	MR-42241.5

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34	Deogaon	Mundapala Stone Quarry	Khata-116 Plot-544 Kisam-Dunguri Ha-0.404 Ac-1.00	Latitudes-20°33'28.38132"N to 20°33'25.73441" N and Longitudes 83°34'48.42230"E to 83°34'45.97669"E	GR-62316	MR-19561
35	Deogaon	Sirabahal Stone Quarry	Khata-77 Plot-748 Kisam-Dunguri Ha-5.00 Ac-12.35	Latitudes-20°33'36.39087"N to 20°33'45.71502" N and Longitudes 83°26'22.66205"E to 83°26'35.17792"E	GR-648060	MR-477204
36	Deogaon	Sunarijore Stone Quarry-A	Khata-58 Plot-279,545 Kisam-Dunguri Ha-2.237 Ac-8.00	Latitudes-19°23'11.14"N to 19°23'15.76" N and Longitudes 82°11'32.26"E to 82°11'35.84"E	GR-511320	MR-285053
37	Balangir	Mankadachuan Stone Quarry	Khata-96 Plot-1149 Kisam-Dunguri Ha-3.50 Ac-1.416	Latitudes-20°37'34.71492"N to 20°37'40.30680" N and Longitudes 83°30'32.31360"E to 83°30'36.83232"E	GR-84286	MR-54595
38	Balangir	Santelen Stone Quarry	Khata-67 Plot-29 Kisam-Patharchatan Ha-1.09 Ac-2.71	Latitudes-20°44'47.23729"N to 20°44'41.68649" N and Longitudes 83°17'45.75281"E to 83°17'36.62824"E	GR-76387.5	MR-39107.7
39	Balangir	Hardatal Stone Quarry	Khata-94 Plot-9 Kisam-Patharchatan Ha-2.10 Ac-5.20	Latitudes-20°44'12.78924"N to 20°44'.18.01032" N and Longitudes 83°20'41.02620"E to 83°20'49.30620"E	GR-135720	MR-80550

40	Balangir	Dhulusar Stone quarry	Khata-125 Plot-108,110 & 113 Kisam-Patharchatan Ha-1.91 Ac-4.71	Latitudes-20°43'56.86968"N to 20°43'49.47204" N and Longitudes 83°18'41.87124"E to 83°18'32.20992"E	GR-143275.5	MR-82192.5
41	Balangir	Basupali Stone quarry-1	Khata-14 Plot-101 Kisam-Kudar Ha-1.78 Ac-4.40	Latitudes-20°37'35.66306"N to 20°37'30.00089" N and Longitudes 83°27'03.44884"E to 83°26'54.98327"E	GR-235719	MR-79988.4
42	Balangir	Basupali Stone Quarry-2	Khata-14 Plot-79 Kisam-Kudar Ha-2.023 Ac-5.00	Latitudes-20°37'34.26865"N to 20°37'29.23114" N and Longitudes 83°27'02.96935"E to 83°26'52.41910"E	GR-383184	MR-173299.5
43	Balangir	Basupali Stone Quarry-3	Khata-14 Plot-79 Kisam-Kudar Ha-2.023 Ac-5.01	Latitudes-20°37'33.06503"N to 20°37'26.75476" N and Longitudes 83°27'01.51428"E to 83°26'49.86153"E	GR-320463	MR-94176
44	Balangir	Basupali Stone Quarry-4	Khata-14 Plot-79 Kisam-Kudar Ha-2.023 Ac-5.02	Latitudes-20°37'31.62015"N to 20°37'25.59574" N and Longitudes 83°27'01.48209"E to 83°26'49.13513"E	GR-253687.5	MR-65052
45	Balangir	Basupali Stone Quarry-5	Khata-14 Plot-79/A, 101/A Kisam-Kudar Ha-1.482 Ac-4.50	Latitudes-20°37'29.49234"N to 20°37'24.16425" N and Longitudes 83°27'00.72530"E to 83°26'48.53893"E	GR-298458	MR-60478.2

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46	Balangir	Bhutiabahal Stone quarry-A	Khata-243 Plot-1721 Kisam-Dunguri Ha-1.461 Ac-4.00	Latitudes-20°35'56.46661"N to 20°35'50.69137" N and Longitudes 83°20'46.41214"E to 83°20'40.699986"E	GR-163728	MR-134662
47	Balangir	Bhutiabahal Stone Quarry-B	Khata-243 Plot-1721 Kisam-Dunguri Ha-1.214 Ac-3.00	Latitudes-20°35'59.47301"N to 20°35'54.69618" N and Longitudes 83°20'37.24742"E to 83°20'34.00191"E	GR-139482	MR-102870
48	Balangir	Bhutiabahal Stone Quarry-C	Khata-243 Plot-1721 Kisam-Dunguri Ha-0.809 Ac-2.00	Latitudes-20°35'56.26074"N to 20°35'53.93967" N and Longitudes 83°20'30.72106"E to 83°20'26.35342"E	GR-110336	MR-45468
49	Balangir	Fatkra Stone Quarry	Khata-151 Plot-1236 & 1276 Kisam-Patharchatan Ha-3.277 Ac-8.10	Latitudes-20°38'32.78738"N to 20°38'24.43376" N and Longitudes 83°20'25.83633"E to 83°20'18.62713"E	GR-386218.8	MR-325377
50	Balangir	Rajamunda Stone Quarry	Khata-114 Plot-887 Kisam-Dunguri Ha-0.809 Ac-2.00	Latitudes-20°36'37.80152"N to 20°36'42.45329" N and Longitudes 83°20'08.43834"E to 83°20'15.66861"E	GR-15529	MR-53568
51	Balangir	Bhanpur-III Stone Quarry	Khata-59 Plot-444 Kisam-Patharchatan Ha-0.404 Ac-1.00	Latitudes-20°38'05.84010"N to 20°38'02.75375" N and Longitudes 83°26'19.77825"E to 83°26'17.80977"E	GR-47655	MR-16200

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52	Balangir	Barkani Stone Quarry	Khata-30 Plot-1/P Kisam-Patharchatan Ha-0.744 Ac-1.84	Latitudes-20°44'30.06433"N to 20°44'33.31446" N and Longitudes 83°27'09.34822"E to 83°27'13.55287"E	GR-69556.5	MR-46260
53	Khaprakhol	Chitikamal Stone Quarry	Khata-42 Plot-112 Kisam-Patharchatan Ha-0.267 Ac-0.66	Latitudes-20°47'18.11343"N to 20°47'16.40707" N and Longitudes 83°02'22.90571"E to 83°02'19.90931"E	GR-156518	MR-121380
54	Khaprakhol	Karuanjhar Stone Quarry-1	Khata-126 Plot-1484 Kisam-Dunguri Ha-2.104 Ac-5.20	Latitudes-20°38'13.09377"N to 20°38'05.70436" N and Longitudes 82°45'09.82062"E to 82°45'02.13269"E	GR-156518	MR-121380
55	Khaprakhol	Baghamunda Stone Quarry	Khata-132 Plot-321, 319 Kisam-Patharchatan Ha-1.7 Ac-4.28	Latitudes-20°49'00.40272"N to 20°48'49.45529" N and Longitudes 83°05'45.73323"E to 83°05'40.33119"E	GR-92933	MR-57120
56	Muribahal	Andaldarah Stone Quarry	Khata-71 Plot-932 Kisam-Patharchatan Ha-0.809 Ac-2.00	Latitudes-20°29'30.73784"N to 20°29'25.76267" N and Longitudes 83°01'46.65598"E to 83°01'37.09251"E	GR-129375	MR-52668
57	Muribahal	Hadhada Stone Quarry	Khata-37 Plot-177 Kisam-Patharchatan Ha-0.809 Ac-2.00	Latitudes-20°21'43.44041"N to 20°21'39.79897" N and Longitudes 83°00'04.19426"E to 83°00'00.97342"E	GR-50816	MR-36556

58	Puintala	Janipali Stone Quarry	Khata-51 Plot-400 Kisam-Dunguri Ha-0.817 Ac-2.02	Latitudes-20°40'37.06382"N to 20°40'31.84709" N and Longitudes 83°33'53.77316"E to 83°33'50.73221"E	GR-117926	MR-58374
59	Puintala	Badburkabahal Stone Quarry	Khata-77 Plot-628 Kisam-Parbata Ha-2.023 Ac-5.00	Latitudes-20°37'34.09530"N to 20°37'40.58646" N and Longitudes 83°36'52.61805"E to 83°36'56.44912"E	GR-540849.6	MR-374938.2
60	Puintala	Bileikani Stone Quarry	Khata-130 Plot-32 Kisam-Dunguri Ha-2.023 Ac-5.00	Latitudes-20°37'50.13143"N to 20°37'45.93353" N and Longitudes 83°35'07.41520"E to 83°35'01.05739"E	GR-268785	MR-145390
61	Puintala	Badburkabahal Stone Quarry-B	Khata-77 Plot-628/P Kisam-Dunguri Ha-2.023 Ac-5.00	Latitudes-20°37'41.69244"N to 20°37'34.88016" N and Longitudes 83°36'51.98832"E to 83°36'48.48228"E	GR-249061	MR-116496
62	Puintala	Mahadevpali Stone Quarry	Khata-60 Plot-135 Kisam-Patharchatan Ha-0.809 Ac-2.00	Latitudes-20°38'06.20223"N to 20°38'02.88686" N and Longitudes 83°32'36.65898"E to 83°32'33.03982"E	GR-43173	MR-29025
63	Puintala	Duhel Stone Quarry-C	Khata-105 Plot-225 Kisam-Patharchatan Ha-2.020 Ac-5.00	Latitudes-20°37'43.36998"N to 20°37'40.48832" N and Longitudes 83°36'01.77644"E to 83°35'59.20744"E	GR-137332	MR-102507

64	Puintala	Kutenpali Stone Quarry	Khata-126 Plot-574 Kisam-Patharchatan Ha-2.020 Ac-5.00	Latitudes-20°38'03.26008"N to 20°37'45.02561" N and Longitudes 83°35'08.04048"E to 83°34'54.92822"E	GR-126292	MR-89716
65	Puintala	Patharla-B Stone Quarry	Khata-108 Plot-766 Kisam-Dunguri Ha-2.020 Ac-5.00	Latitudes-20°38'51.11376"N to 20°38'43.28844" N and Longitudes 83°36'48.00888"E to 83°36'42.81336"E	GR-1161090	MR-56700
66	Titlagarh	Burdipada-A Stone Quarry	Khata-189 Plot-1226 Kisam-Patharchatan Ha-1.618 Ac-4.00	Latitudes-20°17'45.94302"N to 20°17'41.17172" N and Longitudes 83°11'17.00969"E to 83°11'13.62309"E	GR-218452.5	MR-136800
67	Titlagarh	Burdipada-B Stone Quarry	Khata-189 Plot-1226 Kisam-Patharchatan Ha-1.618 Ac-4.00	Latitudes-20°17'44.83514"N to 20°17'42.35194" N and Longitudes 83°11'26.37776"E to 83°11'17.586327"E	GR-302445	MR-172854
68	Titlagarh	Burdipada-C Stone Quarry	Khata-189 Plot-1226 Kisam-Patharchatan Ha-1.618 Ac-4.00	Latitudes-20°17'42.31477"N to 20°17'35.02505" N and Longitudes 83°11'32.79902"E to 83°11'26.93651"E	GR-417379.5	MR-271800
69	Titlagarh	Desil-A Stone Quarry	Khata-178 Plot-940/P Kisam-Dunguri Ha-1.214 Ac-3.00	Latitudes-20°16'10.04239"N to 20°16'06.01279" N and Longitudes 83°10'44.27912"E to 83°10'38.68426"E	GR-132489	MR-80932.5

70	Titlagarh	Desil-B Stone Quarry	Khata-178 Plot-940 Kisam-Dunguri Ha-1.214 Ac-3.00	Latitudes-20°16'13.14804"N to 20°16'08.30820" N and Longitudes 83°10'40.23876"E to 83°10'36.39612"E	GR-149623.2	MR-46990.8
71	Titlagarh	Desil-C Stone Quarry	Khata-178 Plot-940 Kisam-Dunguri Ha-1.214 Ac-3.00	Latitudes-20°16'09.54120"N to 20°16'15.06828" N and Longitudes 83°10'37.63596"E to 83°10'43.45464"E	GR-152442	MR-92070
72	Titlagarh	Desil-D Stone Quarry	Khata-178 Plot-940 Kisam-Dunguri Ha-1.214 Ac-3.00	Latitudes-20°16'11.31348"N to 20°16'06.47220" N and Longitudes 83°10'44.71500"E to 83°10'40.23876"E	GR-76923	MR-52123.5
73	Titlagarh	Sihini Stone Quarry	Khata-223 Plot-108 Kisam-Patharchatan Ha-1.214 Ac-3.00	Latitudes-20°15'41.85153"N to 20°15'37.31238" N and Longitudes 83°08'10.08601"E to 83°08'06.02912"E	GR-168304.5	MR-114048
74	Titlagarh	Sihini-2 Stone Quarry	Khata-223 Plot-108 Kisam-Patharchatan Ha-0.809 Ac-2.00	Latitudes-20°15'45.98658"N to 20°15'42.88718" N and Longitudes 83°08'07.09905"E to 83°08'04.08805"E	GR-66960	MR-38650
75	Titlagarh	Turla Stone Quarry	Khata-196 Plot-1031 Kisam-Dunguri Ha-1.618 Ac-4.00	Latitudes-20°15'52.00566"N to 20°15'49.08892" N and Longitudes 83°08'07.06625"E to 83°08'00.52839"E	GR-138618	MR-103446

76	Titlagarh	Dumdumi Stone Quarry	Khata-40 Plot-62(A) & 172 (A) Kisam-Pahada Ha-1.012 Ac-2.50	Latitudes-20°20'54.90708"N to 20°20'50.59428" N and Longitudes 83°11'28.99932"E to 83°11'25.37916"E	GR-143640	MR-83845
77	Titlagarh	Nirmula-III Stone Quarry	Khata-144 Plot-1292 Kisam-Dunguri Ha-0.404 Ac-1.00	Latitudes-20°10'38.22783"N to 20°10'35.73586" N and Longitudes 82°58'55.41907"E to 82°58'52.69711"E	GR-51464.7	MR-20961
78	Titlagarh	Kotmara-II Stone Quarry	Khata-108 Plot-487 Kisam-Patharchatan Ha-0.607 Ac-1.50	Latitudes-20°12'00.29510"N to 20°11'57.29698" N and Longitudes 82°56'27.85442"E to 82°56'24.15113"E	GR-111672	MR-43780
79	Titlagarh	Junapada Stone Quarry	Khata-24 Plot-1 Kisam-Dunguri Ha-0.809 Ac-2.00	Latitudes-20°15'10.86048"N to 20°15'06.94440" N and Longitudes 83°05'17.21076"E to 83°05'13.29612"E	GR-78423.3	MR-47456.1
80	Bangomunda	Borbahal Stone Quarry	Khata-105 Plot-1174 Kisam-Patharchatan Ac-0.600 Ha-0.242	Latitudes-20°19'20.23453"N to 20°19'22.80349" N and Longitudes 82°53'34.53714"E to 82°53'38.64714"E	GR-33210	MR-8559
81	Bangomunda	Barlabahali Stone Quarry	Khata-54 Plot-1/431 Kisam-Dunguri Ac-3.00 Ha-1.214	Latitudes-20°17'55.87905"N to 20°17'49.98962" N and Longitudes 82°49'03.54603"E to 82°48'57.25398"E	GR-296424	MR-171697
82	Bangomunda	Sahajot Stone Quarry	Khata-61 Plot-447 Kisam-Dunguri Ac-3.800, Ha-1.537	Latitudes-20°18'44.88949"N to 20°18'54.33220" N and Longitudes 82°54'03.09002"E to 82°53'59.82635"E	GR-227204	MR-334664

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83	Bangomunda	Deheli Stone Quarry-A	Khata-107 Plot-709 Kisam-Parabat Ac-1.500, Ha-0.607	Latitudes-20°13'46.15078"N to 20°13'43.99214" N and Longitudes 82°57'36.89618"E to 82°57'33.61600"E	GR-31320	MR-11250
84	Bangomunda	Sanagamada Stone Quarry-C	Khata-96 Plot-3 Kisam-Dunguri, Ac- 3.00 Ha-1.214	Latitudes-20°22'57.87480"N to 20°22'52.72104" N and Longitudes 82°49'01.95240"E to 82°48'54.83304"E	GR-91854	MR-58905
85	Bangomunda	Sanagamada Stone Quarry-D	Khata-96 Plot-70 Kisam-Patharchatan Ac-4.800 Ha-1.942	Latitudes-20°22'49.15476"N to 20°22'36.85944" N and Longitudes 82°49'03.59904"E to 82°48'56.61504"E	GR-155248	MR-113715
86	Bangomunda	Sindhbhadi Stone Quarry-I	Khata-86 Plot-85 Kisam-Patharchatan Ac-6.040, Ha-2.44	Latitudes-20°17'16.19404"N to 20°17'25.03422" N and Longitudes- 82°50'32.62007"E to 82°50'39.23992"E	GR-361007	MR-198450
87	Bangomunda	Sanagamada Stone Quarry-B	Khata-96 Plot-3 Kisam-Dunguri Ac-3.00, Ha-1.214	Latitudes-20°22'59.42906"N to 20°22'54.91555"N and Longitudes- 82°48'59.96954"E to 82°48'53.78369"E	GR-100305	MR-173043
88	Bangomunda	Salemudga Stone Quarry-B	Khata-40 Plot-398 Kisam-Dunguri Ac-4.00, Ha-1.618	Latitudes-20°14'35.95056"N to 20°14'31.93044 N and Longitudes- 82°56'48.14412"E to 82°56'43.48032"E	GR-176117	MR-301289
89	Bangomunda	Bhirkapada Stone Quarry	Khata-83 Plot-127, Kisam- Dunguri(Patharchatan) Ac-0.470, Ha-0.190	Latitudes-20°18'27.92520"N to 20°18'25.69104"N and Longitudes- 82°53'36.30804"E to 82°53'34.74564"E	GR-7236	MR-2308.5

90	Bangomunda	Sanagamada Stone Quarry-A	Khata-96 Plot-3 Kisam-Dunguri Ac-3.00 Ha-1.214	Latitudes-20°23'01.82760"N to 20°22'57.02556" N and Longitudes-82°48'59.62644"E to 82°48'53.46576"E	GR-83349	MR-135622
91	Kantabanji	Sandhibahali Stone Quarry	Khata-28 Plot-341 Kisam-Patharchatan Ac-6.00 Ha-2.42	Latitudes-20°21'28.24334"N to 20°21'36.89506 N and Longitudes-82°46'31.44504"E to 82°46'38.67480"E	GR-440856	MR-284314
92	Kantabanji	Mahakhand Stone Quarry-I	Khata-111 Plot-1524, Kisam-Dunguri Ac-4.84 Ha-1.158	Latitudes-20°22'40.71069"N to 20°22'33.37129 N and Longitudes-82°47'41.79942"E to 82°47'37.13777"E	GR-173528	MR-304941
93	Kantabanji	Chatuanka Stone Quarry-II	Khata-153 Plot-1173, Kisam-Patharchatan Ac-6.20 Ha-2.509	Latitudes-20°28'17.85632"N to 20°28'10.27322 N and Longitudes-82°56'13.56910"E to 82°56'06.17496"E	GR-29100	MR-183816
94	Kantabanji	Tikrapada Stone Quarry	Khata-53 Plot-683/1008, Kisam-Patita Ac-10.00 Ha-2.50	Latitudes-20°23'32.54274"N to 20°23'27.10977 N and Longitudes-82°45'06.70326"E to 82°45'01.49766"E	GR-535653	MR-850643
95	Saintala	Dunguripali Stone Quarry	Khata-70 Plot-513, Kisam-Patharchatan Ac-3.96 Ha-1.602	Latitudes-20°24'11.08923"N to 20°24'06.68068 N and Longitudes-83°23'41.50199"E to 83°23'30.39181"E	GR-87696	MR-61776
96	Saintala	Manamunda Stone Quarry	Khata-24 Plot-128,136/257, Kisam-Patharchatan Ac-9.34	Latitudes-20°30'44.62715"N to 20°30'25.96579 N and Longitudes-83°23'32.83737"E to 83°23'21.27368"E	GR-7464.8	MR-6180.3

			Ha-3.77			
97	Saintala	Dangarpada Stone Quarry	Khata-20 Plot-20,25, Kisam- Patharchatan Ac-3.51 Ha-1.42	Latitudes-20°30'03.14627"N to 20°29'58.63270 N and Longitudes- 83°25'26.65473"E to 83°25'18.38766"E	GR-83070	MR-58050
98	Saintala	Kandhkelgaon Stone Quarry	Khata-159 Plot-714,770,795, Kisam-Patharchatan Ac-4.20 Ha-1.7	Latitudes-20°29'47.58763"N to 20°30'06.52363"N and Longitudes- 83°24'59.08251"E to 83°25'05.56667"E	GR-110914	MR-199666
99	Saintala	Turchauper Stone Quarry	Khata-114 Plot-636/P Kisam-Pahada Ac-4.00 Ha-1.618	Latitudes-20°25'13.45432"N to 20°25'17.56603"N and Longitudes- 83°23'11.31543"E to 83°23'06.71545"E	Data is not available	Data is not available
100	Patnagarh	Guhuriamunda-A Stone Quarry	Khata-68 Plot-13 Kisam-Patharchatan Ac-3.00 Ha-1.214	Latitudes-20°40'41.12810"N to 20°40'33.11442 N and Longitudes- 83°04'34.26894"E to 83°04'28.53577"E	GR-74480	MR-44489
101	Patnagarh	Guhuriamunda-B Stone Quarry	Khata-68 Plot-13 Kisam-Patharchatan Ac-5.00 Ha-2.023	Latitudes-20°40'31.41014"N to 20°40'26.56603 N and Longitudes- 83°04'28.19982"E to 83°04'19.65517"E	GR-161772	MR-115427

102	Patnagarh	Jhulenbar Stone Quarry	Khata-141 Plot-490 Kisam-Patharchatan Ac-2.24 Ha-0.906	Latitudes-20°44'37.07080"N to 20°44'31.89690 N and Longitudes- 83°05'00.74326"E to 83°04'51.10644"E	GR-110520	MR-151110
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PROPOSED SOURCES OF THE DISTRICT

Sl. No.	Tahasil	Name of the Quarry Lease	Area of Mining Lease in (Ha)	Location of the Minor lease(Longitude/Latitude)	Geological Reserve (MT/Cums)	Mineable Reserve (MT/Ccums)
1	Patnagarh	Rengali Stone Quarry	Khata-132 Plot-815 Kisam-Patharchatana Ac-1.87 ha-0.756	Latitudes-20°49'08.56909"N to 20°49'13.60551" N and Longitudes 83°09'31.64739"E to 83°09'35.63060"E	GR-64324.78	MR-38594.87
2	Patnagarh	Bharatbahal Stone quarry	Khata-129 Plot-1125 Kisam-Patharchatana Ac-8.60 Ha-3.480	Latitudes-20°48'47.23616"N to 20°48'56.91581" N and Longitudes 83°14'47.72025"E to 83°14'56.92705"E	GR-226219.5	MR-135731.7
3	Patnagarh	Dabamal Stone quarry	Khata-37 Plot-174 Kisam-Dunguri Ac-8.00 Ha-3.237	Latitudes-20°48'25.44734"N to 20°48'29.90683" N and Longitudes- 83°05'31.04008"E to 83°05'42.96403"E	GR-242825.1	MR-145652.2
4	Belpada	Rengali-A Stone Quarry	Khata-110 Plot-327 Kisam-Dunguri Ac-3.00 Ha-1.214	Latitudes-20°36'33.00504"N to 20°36'36.70558" N and Longitudes- 82°51'49.34906"E to 82°51'53.70062"E	GR-109260.23	MR-60093.45

5	Belpada	Rengali-B Stone Quarry	Khata-110 Plot-327 Kisam-Dunguri Ac-3.00 Ha-1.214	Latitudes-20°36'27.86541"N to 20°36'31.56594"N and Longitudes- 82°51'48.04702"E to 82°51'52.39858"E	GR-108245.8	MR-60542.5
6	Belpada	Rengali-C Stone Quarry	Khata-110 Plot-327 Kisam-Dunguri Ac-3.00 Ha-1.214	Latitudes-20°36'28.61922"N to 20°36'32.26836"N and Longitudes- 82°51'53.82911"E to 82°51'58.18067"	GR-107365.7	MR-57874.6
7	Belpada	Rengali-D Stone Quarry	Khata-110 Plot-360 Kisam-Dunguri Ac-2.24 Ha-0.906	Latitudes-20°36'38.56850"N to 20°36'44.70394" N and Longitudes 82°51'55.48170"E to 82°52'02.59153"E	GR-77052.14	MR-50083.89
8	Belpada	Barabahali Stone Quarry	Khata-29 Plot-243 Kisam-Dunguri Ac-3.75 Ha-1.517	Latitudes-20°42'48.57490"N to 20°42'54.78529" N and Longitudes- 82°53'45.15285"E to 82°53'50.12802"E	GR-121405.68	MR-72843.41
9	Belpada	Bagadora Stone Quarry	Khata-111 Plot-1203 Kisam-PatharChatan Ac-5.71 Ha-2.310	Latitudes-20°35'33.62470"N to 20°35'44.95117" N and Longitudes- 82°51'09.04403"E to 82°51'19.16911"E	GR-161752.85	MR-97051.71
10	Belpada	Mandal-3 Stone Quarry	Khata-225/363 Plot-4 Kisam-Atta Mamuli Ac-6.12 Ha-2.476	Latitudes-20°35'10.28019"N to 20°35'17.09278" N and Longitudes- 82°59'56.19512"E to 83°00'03.48056"E	GR-173367.32	MR-112688.75
11	Belpada	Mandal-4 Stone Quarry	Khata-225/362 Plot-58 Kisam-Atta Mamuli Ac-4.95 Ha-2.003	Latitudes-20°35'02.69777"N to 20°35'11.80135" N and Longitudes- 82°59'56.23698"E to 83°00'05.09539"E	GR-160255.52	MR-104166.08
12	Belpada	Sargimunda Stone Quarry	Khata-48 Plot-173 Kisam-Gochar Ac-7.00 Ha-2.832	Latitudes-20°40'44.96600"N to 20°40'50.89799" N and Longitudes- 82°54'46.27097"E to 82°54'55.49661"E	GR-198296.32	MR-118977.62

13	Belpada	Mundagan Stone Quarry-A	Khata-106 Plot-863 Kisam-Patharchatan Ac-8.00 Ha-3.237	Latitudes-20°37'23.30247"N to 20°37'31.61322" N and Longitudes- 82°56'55.62323"E to 82°57'02.51326"E	GR-226624.31	MR-147305.79
14	Belpada	Mundagan Stone Quarry-B	Khata-106 Plot-836 Kisam-Patharchatan Ac-4.00 Ha-1.618	Latitudes-20°37'21.98849"N to 20°37'30.35282" N and Longitudes- 82°56'49.80994"E to 82°56'56.68971"E	GR-113311.8	MR-67987.08
15	Muribahal	Tengra Stone Quarry	Khata-62 Plot-124 & 125 Kisam-Dunguri Ac-7.00 Ha-2.832	Latitudes-20°29'39.93544"N to 20°29'47.71945" N and Longitudes 83°02'00.39845"E to 83°02'09.98841"E	GR-193524.5	MR-119754.35
16	Muribahal	Ranabandh-A Stone Quarry	Khata-130 Plot-667 Kisam-Patharchatana Ac-3.96 Ha-1.602	Latitudes-20°17'38.85114"N to 20°17'43.67083" N and Longitudes 83°04'51.57483"E to 83°04'58.55445"E	GR-128200.21	MR-76920.41
17	Muribahal	Ranabandh-B Stone Quarry	Khata-130 Plot-579 Kisam-Patharchatana Ac-1.38 Ha-0.558	Latitudes-20°17'34.14247"N to 20°17'37.41899" N and Longitudes 83°04'36.42020"E to 83°04'41.24393"E	GR-41884.96	MR-25130.97
18	Muribahal	Dejuri Stone Quarry	Khata-268 Plot-327 Kisam-Patharchatana Ac-1.62 Ha-0.655	Latitudes-20°16'27.26235"N to 20°16'30.15339" N and Longitudes 83°04'47.64319"E to 83°04'51.86197"E	GR-55725.20	MR-33435.15
19	Muribahal	Sargul Stone Quarry	Khata-109 Plot-848 Kisam-Patharchatana Ac-1.32 Ha-0.534	Latitudes-20°30'01.57464"N to 20°30'06.63718" N and Longitudes 83°06'17.83602"E to 83°06'23.14698"E	GR-51235.21	MR-29432.52
20	Titlagarh	Gandhargala Stone Quarry	Khata-54 Plot-1 Kisam-Patharchatana Ac-3.93 Ha-1.590	Latitudes-20°14'00.78378"N to 20°14'08.97999" N and Longitudes 83°02'32.50303"E to 83°02'42.22281"E	GR-127520.8	MR-76566.91

23	Titlagarh	Junapada-D Stone Quarry	Khata-24 Plot-1 Kisam-Dunguri Ac-3.00 Ha-1.214	Latitudes-20°15'09.56149"N to 20°15'12.97934" N and Longitudes- 83°04'38.66727"E to 83°04'46.83929"E	GR-97235.5	MR-58320.8
24	Bangomunda	Deheli Stone Quarry	Khata-107 Plot-84/864 Kisam-Parbata Ac-4.00 Ha-1.618	Latitudes-20°14'02.94086"N to 20°14'09.27975" N and Longitudes- 82°57'29.01788"E to 82°57'22.59333"E	GR-123574.5	MR-75340.78
25	Saintala	Kechhomuhan-A Stone Quarry	Khata-109 Plot-187 Kisam-Gochar Ac-8.78 Ha-3.553	Latitudes-20°24'00.16084"N to 20°24'07.92169" N and Longitudes 83°23'38.02030"E to 83°23'48.50516"E	GR-248719.82	MR-149231.88
26	Saintala	Kechhomuhan-B Stone Quarry	Khata-68 Plot-57/913 Kisam-Patita Ac-1.54 Ha-0.623	Latitudes-20°24'06.01469"N to 20°24'10.16367" N and Longitudes 83°23'49.26337"E to 83°23'52.62662"E	GR-43625.113	MR-28356.32
27	Kantabnji	Kukudahad Stone Quarry-B	Khata-221 Plot-2265 Kisam-Gochar Ac-14.39 Ha-5.823	Latitudes-20°27'24.69776"N to 20°27'38.04828" N and Longitudes- 82°56'36.08687"E to 82°56'46.23637"E	GR- 378522.716	MR-246039.76
28	Kantabnji	Ghanamahul Stone Quarry	Khata-77 Plot-23 & 24 Kisam-Gochar Ac-3.77 Ha-1.525	Latitudes-20°27'17.28584"N to 20°27'25.78337" N and Longitudes 82°56'30.92436"E to 82°56'49.98727"E	GR-125600.8	MR-75960.5
29	Kantabnji	Beherensilet-1 Stone Quarry	Proposed for Extinction	-	-	-
30	Loisingha	Jamjori-A Stone Quarry	Khata-19 Plot-194 Kisam-Dunguri Ac-4.00 Ha-1.618	Latitudes-20°51'11.71336"N to 20°51'15.82507" N and Longitudes- 83°19'15.05915"E to 83°19'19.65056"E	GR-105218.13	MR-68391.76

Road Metal/Building Stone Mining

DSR of Balangir District

31	Loisingha	Jamjori-B Stone Quarry	Khata-19 Plot-194 Kisam-Dunguri Ac-4.00 Ha-1.618	Latitudes-20°51'06.02550"N to 20°51'10.13721" N and Longitudes- 83°19'17.21780"E to 83°19'21.80921"E	GR-103419.62	MR-67427.95
32	Loisingha	Jamjori-C Stone Quarry	Khata-19 Plot-194 Kisam-Dunguri Ac-4.00 Ha-1.618	Latitudes-20°51'00.26910"N to 20°51'04.38081" N and Longitudes- 83°19'20.37011"E to 83°19'24.96152"E	GR-107325.78	MR-67735.87
33	Loisingha	Babja-A Stone Quarry	Khata-44 Plot-514 Kisam-Dunguri Ac-3.00 Ha-1.214	Latitudes-20°49'41.53079"N to 20°49'45.64250"N and Longitudes- 83°20'48.67623"E to 83°20'55.91455"E	GR-84984.21	MR-50990.52
34	Loisingha	Babja-B Stone Quarry	Khata-44 Plot-514 Kisam-Dunguri Ac-3.00 Ha-1.214	Latitudes-20°49'37.85024"N to 20°49'43.80366"N and Longitudes- 83°20'53.80302"E to 83°20'58.98549"E	GR-81562.54	MR-48895.74
35	Loisingha	Babja-C Stone Quarry	Khata-44 Plot-514 Kisam-Dunguri Ac-3.00 Ha-1.214	Latitudes-20°49'33.22457"N to 20°49'36.52251"N and Longitudes- 83°20'52.43245"E to 83°20'58.60001"E	GR-86457.71	MR-52369.85
36	Loisingha	Babja-D Stone Quarry	Khata-44 Plot-514 Kisam-Dunguri Ac-3.00 Ha-1.214	Latitudes-20°49'34.29247"N to 20°49'38.40418"N and Longitudes- 83°20'46.02076"E to 83°20'51.93134"E	GR-79995.21	MR-49287.58
37	Loisingha	Kandajori Stone Quarry	Khata-305 & 306 Plot-381/2261 & 381/2453 Kisam-Dunguri Ac-1.45 Ha 0.586	Latitudes-20°53'06.58260"N to 20°53'09.22682" N and Longitudes- 83°25'49.03045"E to 83°25'52.63055"E	GR-39075.52	MR-23445.312
38	Loisingha	Burda Stone Quarry	Khata-355 Plot-35 Kisam-Patharchattan Ac-4.88 Ha-1.974	Latitudes-20°52'33.35024"N to 20°52'41.65846" N and Longitudes- 83°29'38.19297"E to 83°29'42.73298"E	GR- 154235.45	MR-92541.27

Road Metal/Building Stone Mining**DSR of Balangir District**

39	Agalpur	Badtika-A Stone Quarry	Khata-262 Plot-657 Kisam-Dunguri Ac-10.00 Ha-4.046	Latitudes-20°55'00.10928"N to 20°55'10.20336" N and Longitudes- 83°28'09.06973"E to 83°28'16.04507"E	GR-283280.2	MR-184132.13
40	Puintala	Patharla Stone Quarry-A	Khata-108 Plot-766 Kisam-Dunguri Ac-5.00 Ha-2.023	Latitudes-20°38'45.42132"N to 20°38'50.35109" N and Longitudes- 83°36'34.25818"E to 83°36'41.30377"E	GR-151757.25	MR-91054.35
41	Khaprakhol	Karuanjhar Stone Quarry -3	Khata-126 Plot-1461 Kisam-Dunguri Ac-17.68 Ha-7.154	Latitudes-20°37'56.56620"N to 20°38'11.03496" N and Longitudes- 83°44'51.79584"E to 83°45'04.29084"E	GR-536550.23	MR-348757.5

15. QUALITY/GRADE OF MINERAL AVAILABLE IN THE DISTRICT

Road metal found in District: -

Road metal/Building stone of the District are very much suitable for various construction purposes after crushing and screening. The granite gneisses are well foliated, jointed and weathered easily. Generally the depth of weathering extends down to a depth of 30 meters. This weathered zone forms the main repository of ground water in hard rock areas and is tapped by dug wells. The yield of dug wells range from 6 to 10 m³/ day. As the area has undergone several phases of tectonic deformations deep-seated fractures are developed which form a conduit for downward percolation of ground water and form aquifers in deeper conditions. These deeper fractures are generally encountered in bore wells. Deeper fractures are tapped by bore wells in hilly blocks.

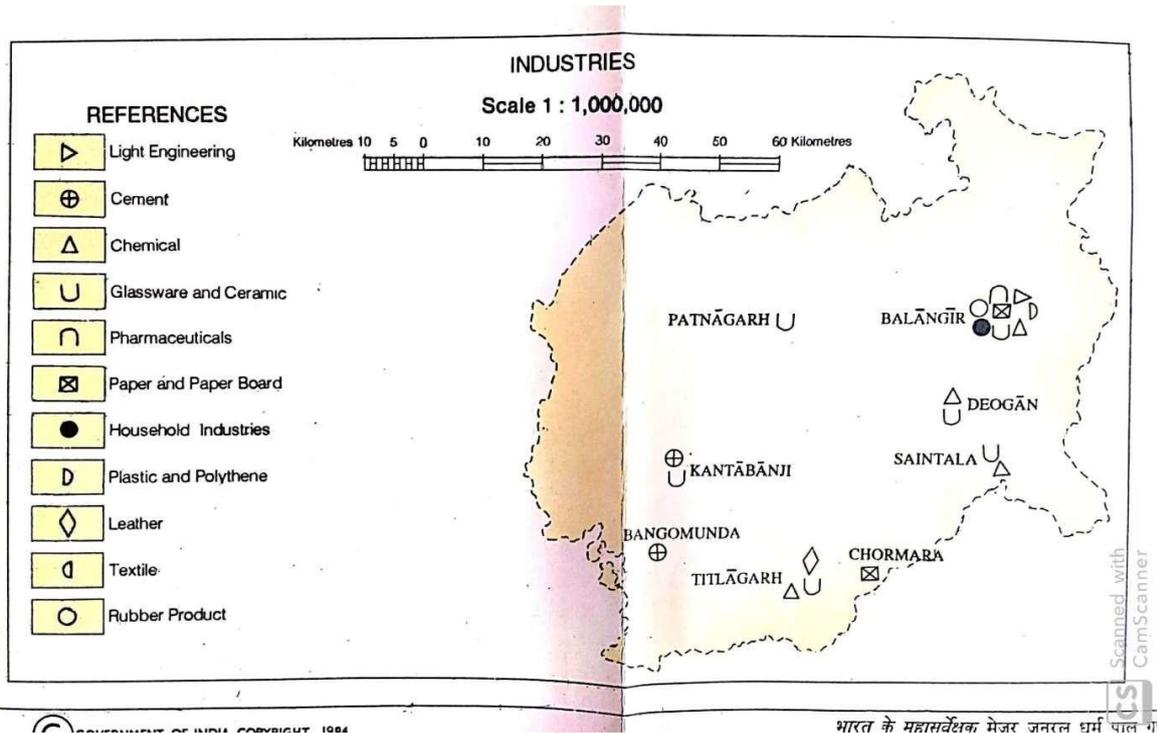
16. Use of Mineral:

Building Stone:- Granitic rocks have been extensively used as a dimension stone and as flooring tiles in public and commercial buildings and monuments.

Sub base and base material in road and highway construction:- Crushed stone is the most basic use of granite. Crushed granite is used as a sub base and base material in road and highway construction. It is used as crushed stone media in sewage system drain fields and as a base material for foundations and construction slabs. Crushed granite in attractive colors is used as a landscape stone and in planters. It also makes great railroad ballast, and in larger sizes it makes good riprap.

Granite Paving Stone:- Granite paving stones or "pavers" can make a colorful and interesting way of paving a driveway or patio. The beauty of natural stone combined with expert craftsmanship and design can produce a unique and lasting result. In the past granite blocks were often used to pave city streets.

Engineering:- Engineers have traditionally used polished granite surface plates to establish a plane of reference, since they are relatively impervious and inflexible. Sandblasted concrete with a heavy aggregate content has an appearance similar to rough granite, and is often used as a substitute when use of real granite is impractical. Granite block is usually processed into slabs, which can be cut and shaped by a cutting center. Granite tables are used extensively as bases for optical instruments because of granite's rigidity, high dimensional stability, and excellent vibration characteristics.



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

As such there are huge infrastructural activities such as road, building, railways are coming up by Govt. of India & PSUs under "Make In India" programme.

The Granitic rocks are the main raw minerals for the above activities and considering the last three years actual production of Balangir with respect to the requirement of the state has a huge gap.

18. MINING LEASES MARKED ON THE MAP OF THE DISTRICT:

Enclosed as Plate-I

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

Attached in Annexure-VI

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

As of the latest available data, *Balangir district does not have any officially notified Eco-Sensitive Zones (ESZs)* under the *Environment (Protection) Act, 1986. However, the district encompasses ecologically significant areas, including the **Turekela Wildlife Sanctuary, which spans approximately *~XX square kilometres** (exact area to be verified from the Odisha Forest Department, as it is not yet widely

documented in public notifications). This sanctuary, though lacking a formal ESZ buffer, is protected under the *Wildlife Protection Act (1972)* and *Odisha Forest Department regulations*, which restrict activities such as mining, deforestation, and unregulated construction within its boundaries.

Additionally, Balangir is situated in proximity to several key wildlife reserves, including:

- ***Sunabeda Wildlife Sanctuary* (Nuapada, ~120 km away) – Proposed ESZ (~5–10 km buffer pending notification).**
- ***Karlapat Wildlife Sanctuary* (Kalahandi, ~170 km away) – Under consideration for ESZ status.**
- ***Debrigarh Wildlife Sanctuary* (Bargarh, ~200 km away) – Proposed for conservation safeguards.**

While no *national parks or biosphere reserves* fall within Balangir, the *Simlipal Biosphere Reserve* (~250 km away) and *Satkosia Tiger Reserve* (~300 km away) influence regional ecological policies. For *minor mineral auctions, compliance with sustainable mining practices is critical to avoid impacts on nearby forested zones, including **reserved and protected forests* managed by the Odisha Forest Development Corporation. Future ESZ declarations for Turekela or adjoining areas may impose additional restrictions, necessitating proactive environmental assessments in mining proposals.

21. IMPACTS OF MINING ON ENVIRONMENT:

The most important environmental impact of mining projects are: -

Acid mine drainage and contaminant leaching

Acid mine drainage is considered one of mining most serious threats to water resources. A mine with acid mine drainage has the potential for long-term devastating impacts on rivers, streams and aquatic life. If mine waste is acid generating, the impacts to fish, animals and plants can be severe. Many streams impacted by acid mine drainage have a pH value of 4 or lower – similar to battery acid. Plants, animals, and fish are unlikely to survive in streams such as this.

Transportation sources:

Transpiration sources of air pollutants include heavy vehicles used in excavation operations, cars that transport personnel at the mining site, and trucks that transport mining materials.

The level of polluting emissions from these sources depends on the fuel and conditions of the equipment. Even though individual emissions can be relatively small, collectively these emissions can be of real concern. In addition, mobile sources are a major source of particulate matter, carbon monoxide, and volatile organic compounds that contribute significantly to the formation of ground-level ozone

Stationary sources:

The main gaseous emissions are from combustion of fuels in power generation installations, and drying, roasting, and smelting operations. Many producers of precious metals smelt metal on-site, prior to shipping to off-site refineries. Typically, gold and silver are produced in melting/fluxing furnaces that may produce elevated levels of airborne mercury, arsenic, sulfur dioxide, and other metals

Fugitive emissions:

Common sources of fugitive emissions include: storage and handling of materials; mine processing; fugitive dust, blasting, construction activities, and roadways associated with mining activities; leach pads, and tailing piles and ponds; and waste rock piles. Sources and characteristics of fugitive emissions dust in mining operations vary in each case, as do their impacts. Impacts are difficult to predict and calculate but should be considered since they could be a significant source of hazardous air pollutants.

Noise and vibration:

Noise pollution associated with mining may include noise from vehicle engines, loading and unloading of rock into steel dumpers, chutes, power generation, and other sources. Cumulative impacts of shoveling, ripping, drilling, blasting, transport, crushing, grinding, and stock-piling can significantly affect wildlife and nearby residents.

Vibrations are associated with many types of equipment used in mining operations, but blasting is considered the major source. Vibration has affected the stability of infrastructures, buildings, and homes of people living near large-scale open-pit mining operations. According to a study commissioned by the European Union in 2000: "Shocks and vibrations as a result of blasting in connection with mining can lead to noise, dust and collapse of structures in surrounding inhabited areas. The animal life, on which the local population may depend, might also be disturbed."

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

- Water sprinkling on haul road, loading and unloading points.
- Plantation along the safety zone and dump area.
- Providing dust masks to workers.
- Regular monitoring of ambient air quality.
- Provision of air conditioned cabin of Excavators and Dumpers.
- Regular and proper maintenance of working equipments.
- Periodic medical examination of the workers and organize medical camp in the area.
- Use Milli Second Delay Detonator in blasting operation.
- Provisions of ear plug to the workers.
- Regular training program to the mine workers and operators.

23. RECLAMATION OF MINED OUT AREA

Necessity of Reclamation & Rehabilitation:

- Exponential growth in mineral production since 1980.
- Mining activities causes physical, chemical, biological and socio-economic changes in the area.
- Surface mining activities disturb the original land profile.
- In India, mineral production comes mostly from opencast mines & hence Land degradation problems is of serious concern.
- An intricate, in-depth and site-specified techniques involving integrated approach Is necessary.

Reclamation has three vital roles:

- i. **Reclamation** – Reclamation means return the mined-out land with useful life. It implies restoring the land to a form and productivity that is useful and in conformity with a prior land use. Reclamation always may not be a single-phase operation.

- ii. **Rehabilitation** – Rehabilitation is to bring back the degraded land to a normal stage by a special treatment. It is a process of taking some mitigation measures for disturbed environmental condition created through mining activities.
- iii. **Restoration** – Restoration is the process of returning the mined out land being fit to an acceptable environmental condition. However, the general acceptable meaning of the term is bringing the disturbed land to its original form. Restoration is often used to indicate that biological properties of soil are put back to what they were. This is a rare phenomenon.
- iv. When active mining ceases, mine facilities and the site are reclaimed and closed. The goal of mine site reclamation and closure should always be to return the site to a condition that most resembles the pre-mining condition. Mines that are notorious for their immense impact on the environment often made impacts only during the closure phase, when active mining operations ceased. These impacts can persist for decades and even centuries.

Mine reclamation and closure plans must describe in sufficient detail how the mining company will restore the site to a condition that most resembles pre-mining environmental quality; how it will prevent – in perpetuity – the release of toxic contaminants from various mine facilities (such as abandoned open pits and tailings impoundments); and how funds will be set aside to insure that the costs of reclamation and closure will be paid for.

Proposed future land use after reclamation:

- a. Forestry, b. Recreation, c. Water Reservoir, d. Crop Land, e.residential/Commercial, f. Fish & wildlife Habitat, g. Undeveloped Land, h. Grazing/Pasture Land

Statutory requirement:

As per the Mineral Conservation Development Rule, 2017, the following rules must be bare in mind by the mine owner/agent/manager, which is a part of reclamation activities

Rule 22, Mine Closure Plan

Rule 23, Submission of Progressive Mine Closure Plan Rule 24, Submission of Final Mine Closure Plan

Rule 26, Responsibility of holder of mining lease Rule 27, Financial Assurance

Rule 35, Sustainable Mining

24. RISK ASSESSMENT AND DISASTER MANAGEMENT PLAN:

Mining activity because of the very nature of the operation, complexity of the systems, procedures and methods always involves some amount of hazards. Hazard identification and risk analysis is carried for identification of undesirable events that can lead to a hazard, the analysis of hazard mechanism by which this undesirable event could occur and usually the estimation of extent, magnitude and likelihood of harmful effects. The activities which can cause high risk related to face stability and the person blasting the shots. It was observed that on a working face of the mine, there were large cracks and unsupported rocks were present, which can lead to a serious hazard and injure workers engaged in loading operation and machineries because of rock falls or slides. This type of condition turns out because improper dressing of the bench and improper supervision. To avoid the hazards due to fall of rocks the face must be examined, made suitable for working and the remedial measures must be taken to make it safe if there is any doubt that a collapse could take place. Working of the face should be in the direction considering the geology of the area such that face and quarry side remain stable. Another major risk identified in mines is due to the firing of explosive by an unqualified person. In the mines there is problem of fly rocks and the village is located close to the mine and so it is rated high as it can affect many people. Explosives by nature have the potential for the most serious and catastrophic accident. Planning of round of shots, holes correctly drilled, direction logged, weight of explosive suitable for good fragmentation are the few of the steps necessary to ensure its safe use and if the shots are not properly designed can result in misfires, early ignition and flying rocks. No person is allowed to use explosives without being properly trained in its handling. In the mine large numbers of heavy vehicles were in operation and the roads were not proper for haulage purpose. The haulage roads were not even and were not wide enough for the crossing purpose and hence the chances of hazards are very high. The main hazards arising from the use large earth moving vehicles are incompetent drivers, brake failure, lack of all-around visibility from the driver position, vehicle movements particularly reversing, roll over, and maintenance. Those most at risk are the driver and pedestrians likely to be struck by the vehicle, and drivers of smaller vehicles, which cannot be seen from the cabs of large vehicles. Edge protection is always necessary to prevent inadvertent movement over the edge of roadway or a bench. Seatbelt will protect driver in case of roll. Good maintenance and regular testing

are necessary to reduce the possibility of brake failure. Access to the vehicles should always be restricted to those people necessary for the work in hand. The use of personal protective equipment and proper arrangements is essential to check if the person is wearing protective equipment or not. The personal protective equipment includes helmet, non-skid safety boots, safety glasses, earmuffs etc. The required personal protective equipment should be provided and used in a manner that protects the individual from injury. Few minor injuries which can be prevented are slip, trip, or fall hazards; hazards due to rock falls and collapse of unstable rocks, atmosphere containing toxic or combustible gases; protects from chemical or hazardous material etc. A disaster management plan should be prepared for taking care of for any disaster. Other risk which are included in this category are noise, as it occurs and it can lead to permanent disability. There are problems related to road traffic in and out issuers; inappropriate exposure of moving machines; mechanical failure and because of large number of moving trucks and dumpers there is large quantity of dust present in roadways which affects the operators and can lead to accidents causing injury. They are in acceptable range because of precautions measures taken but no step is taken it can cause hazard hence steps should be taken to reduce the hazards such as for dust suppression system should be installed. Other problems like occurrence of lots of mosquitoes in the area due to unhygienic conditions which affect the human health causing malaria, dengue etc. and causing a person to be hospitalized.

Disaster in the mines like fires, explosions, entrapments, and inundations can occur any time, so emergency preparedness is a must. The Disaster management plan and risk assessment in the mines will include all sorts of above-mentioned emergency and the extent that this plan will be implemented will depend on the nature and scope of the emergency. The basic purpose of Disaster management plan and risk assessment to ensure that mine rescue and recovery activities are conducted safely for rescuer and survivors. According to MMR act 1961 a standard operating procedure should be drawn for involvement different category of staff and officers. The SOP should be updated periodically to reduce the chaos and response to the emergency should be quick and smooth. The responsible person should be familiar with his responsibility during the mock drills. One or two standby should be there to replace the person in Emergency situation. Rescue operations should not include the survivors for any assistance.

First Information of Disaster / Emergency should go to the attendance clerk on duty. Duties of attendance Clerk (Emergency Siren) the attendance clerk or other designated person should on getting information of major accident, sound a hooter or a siren immediately declaring a state of emergency at the mine and then to contact the manager and on his advice to call key personnel using the information listed in the Emergency Organization Chart. It is important that all telephone calls are recorded in a telephone log book. Duties of Other Officials should be displayed and handed over to all concerned. Copy the same should be kept at Manager's Office for ready reference. Establishment of Control Room at Unit Level, Area Level and Company Level is essential. Control Room should keep the contact information about –

- Company Manager
- Company owner/ Administrative officer.
- District Administration
- Govt. Hospitals in Nearby Localities,
- Private Nursing Homes of Localities

Attendance roaster and duty charge register should be properly maintained so the record of missing people can be obtained.

25. DETAILS OF THE OCCUPATIONAL HELTH ISSUE IN THE DISTRICT:

The persons employed in the mines are exposed to a number of hazards at work which adversely affect their health. Some of the important ones are dust, noise, heat, humidity, vibration etc. In recent times, there has been increasing awareness among mining industry and the workers about occupational diseases such as Coal Worker's Pneumoconiosis, Silicosis, Manganese Poisoning, Hearing Impairment etc. caused by exposure to health hazards at work. Almost all occupational diseases are known to cause permanent disablement and there is no effective treatment. However, most of the occupational diseases can be prevented by adopting proper occupational health measures and engineering control on airborne dust at workplace.

Following diseases have been notified as the diseases connected with mining operations for the purpose of sub-section (1) of Section 25 of the Mines Act, 1952:

S.R.O. 1306 dated the 21st July, 1952

1. Silicosis
2. Tuberculosis

There is no Specific data district wise for both silicosis and Tuberculosis
S.R. O. 2521 dated the 26th June, 1986

Cancer of lung or the stomach or the pleura and peritoneum (i.e. mesothelioma)

25 S.O. 399(E) dated 21st February, 2011

1. Noise Induced Hearing Loss
2. Contact Dermatitis caused by direct contact with chemical.
3. Pathological manifestations due to radium or radioactive substances

System of Detection of Occupational Diseases in Mines In order to detect occupational diseases the industry is required to conduct medical examinations and health surveillance of workers as per the provisions of Mines Act. The present efforts of mines management are concentrated on detection of silicosis, Pneumoconiosis and other notified diseases. Very little attention is paid to other occupational diseases. The essential features of health surveillance programme required to be carried out in mines are:

- (a) Initial Medical Examination of persons to be employed in mines.
- (b) Periodic Medical Examination once every five years. General physical examination, chest radiographs, lung function tests and audiometry.
- (c) Classification of chest radiographs of workers as per ILO Classification.
- (d) Medical examination within one year of superannuation. Evaluation of all cases of suspected pneumoconiosis by Pneumoconiosis Medical Board.
- (f) Maintenance of medical records till the person is in service and 10 years thereafter. The cases of silicosis detected during health surveillance programme are referred to Pneumoconiosis Medical Board of the mining companies for evaluation and certification. If certified, the case is notified to the enforcement authority and evaluated for disability and payment of compensation. Many cases of silicosis and other pneumoconiosis go undetected and a large number of cases of silicosis are misdiagnosed due to lack of training of medical professionals.

26. PLANTATION GREEN BELT DEVELOPMENT IN RESPECT OF LEASE ALREADY GRANTED IN THE DISTRICT:

During mining operation green belt development through plantation is most important for environment safe guard, which should be supervision by mining department. Different type of species should be planted near lease periphery to keep environment clean at post mining period through reclamation. Where specific usefulness of land

could be decided, afforestation is normally planned through the site could have been considered for better possibilities of land use.

27. CONCLUSION:

To meet the requirement of minerals in the present scenario, it is proposed to identify such potential areas at certain interval and get the data bank of DSR to be updated regularly. The insitu mining activity in any area is on one hand bring revenue and employment (Direct and indirect) and on other hand if not done properly potential pollution and ecological imbalance increases, the ability of the ecosystem can also be reduced. Particulate matter transported by the wind as a result of excavations, blasting, transportation of materials, heavy equipment used raise these particulate levels; and Gas emissions from the combustion of fuels in stationary and mobile sources, explosions, and mineral processing. All these activities indirectly affected the biodiversity of area. Larger potential and smaller areas have been identified in Subarnapur District on the basis of geological study carried out during field observation, which can be considered for mining concession after all the parameters for statutory clearances are verified by consulting with concerned authorities.

The District Survey Report for Road metal/Building Stone (Minor Mineral) in respect of Balangir District in accordance with Appendix-X, Para-7 (iii) (a) 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 this report, a survey has been conducted by State Environment Impact Assessment Authority (SEIAA) with the assistance of Irrigation Department, Forest Department, Public Works Department, Mining Department, Ground Water Boards, Remote Sensing Department, Mining Departments. The DSR is being submitted to SEIAA, Odisha, Bhubaneswar for necessary evaluation and approval.

ANNEXURE-V

List of Potential Mining Leases (Existing & Proposal)

Sl No	Lease Details	Area (in Ha)	Distance (in KM) from PA/BR/WC/Forest)	Mining Leases within 500 meters (if yes cluster area)	Total excavation in Tonnes/Annum considering digging depth max as 6 meters	Mineral to be mined (Cum) Stone	Existing/Proposed
1	2	3	4	5	6	7	8
Tahasil: Loisingha							
1	Thakurpali Stone Quarry	2.025	Ostali reserve Forest-32.61	No	3748	18740	Existing
2	Pandarani Stone Quarry	4.046	Badatika -4.21	No	2620	13100	Existing
3	Barkani Stone Quarry	4.856	Badatika -15.41	Yes	2065	10325	Existing
4	Dumdumi Stone Quarry	2.428	Badatika -5.91	Yes	3029	15145	Existing
5	Babja Stone Quarry	3.350	Badatika -15.91	Yes	2079	10395	Existing
6	Magurbeda Stone Quarry	1.214	Balangir Range – 11.62	No	5000	25000	Existing
7	Banjipali Stone Quarry	0.745	Badatika -6.02	No	3063	15315	Existing
8	Uchhabapali Stone Quarry-1	4.65	Barjhula - 6.19	Yes	7000	35000	Existing

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9	Uchhabapali Stone Quarry-2	4.65	Barjhula - 6.82	Yes	7000	35000	Existing
10	Uchhabapali Stone Quarry-3	3.15	Barjhula - 6.96	Yes	7000	35000	Existing
11	Uchhabapali Stone Quarry-4	4.33	Barjhula - 6.28	Yes	7000	35000	Existing
12	Uchhabapali Stone Quarry-5	3.09	Barjhula- 7.10	Yes	7000	35000	Existing
13	Uchhabapali Stone Quarry-6	3.035	Barjhula- 6.46	Yes	7000	35000	Existing
14	Uchhabapali Stone Quarry-7	3.035	Barjhula - 7.23	Yes	7000	35000	Existing
15	Uchhabapali Stone Quarry-8	2.719	Barjhula- 5.75	Yes	7000	35000	Existing
16	Uchhabapali Stone Quarry-9	2.266	Barjhula- 5.84	No	4500	22500	Existing
17	Taliudar Stone Quarry	1.00	Balangir Range – 12.14	No	2000	10000	Existing
18	Uparudar Stone Quarry	2.832	Barjhula - 7.88	No	2200	11000	Existing
19	Jamjori-A Stone Quarry	1.618	Barjhula - 3.94	Yes	5000	25000	Proposed
20	Jamjori-B Stone Quarry	1.618	Barjhula - 3.84	Yes	5000	25000	Proposed

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21	Jamjori-C Stone Quarry	1.618	Barjhula - 3.78	Yes	5000	25000	Proposed
22	Babja-A Stone Quarry	1.214	Barjhula - 5.83	Yes	5000	25000	Proposed
23	Babja-B Stone Quarry	1.214	Barjhula- 5.95	Yes	5000	25000	Proposed
24	Babja-C Stone Quarry	1.214	Barjhula - 6.02	Yes	5000	25000	Proposed
25	Babja-D Stone Quarry	1.214	Barjhula-5.85	Yes	5000	25000	Proposed
26	Kandajori Stone Quarry	0.586	Badatika -4.72	No	3000	15000	Proposed
27	Burda Stone Quarry	1.974	Badatika -5.78	Yes	20000	100000	Proposed
Tahasil: Belpada							
28	Bahabal Stone Quarry	2.69	Ostali R.F -16.75	No	1532	7660	Existing
29	Mandal-1 Stone Quarry	4.50	Ostali R.F -14.64	Yes	2808	14040	Existing
30	Tara Stone Quarry	2.50	Ostali R.F -18.17	No	1872	9360	Existing
31	Mandal-2 Stone Quarry	1.736	Ostali R.F -13.01	No	2025	10125	Existing
32	Dakara Stone Quarry	1.08	Ostali R.F -12.01	No	1350	6750	Existing

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33	Dunguripalli Stone Quarry	3.023	Ostali R.F -22.26	No	1700	8500	Existing
34	Malijhar Stone Quarry	2.67	Ostali R.F -10.90	No	1610	8050	Existing
35	Admunda Stone Quarry	1.982	Ostali R.F -26.49	No	2673	13365	Existing
36	Bhuliabandh Stone Quarry	2.023	Ostali R.F -4.57	No	2000	10000	Existing
37	Ghagurli Stone Quarry	4.303	Ostali R.F -21.53	No	10000	50000	Existing
38	Rengali-A Stone Quarry	1.214	Ostali R.F -26.72	Yes	5000	25000	Proposed
39	Rengali-B Stone Quarry	1.214	Ostali R.F -26.43	Yes	5000	25000	Proposed
40	Rengali-C Stone Quarry	1.214	Ostali R.F -26.00	Yes	5000	25000	Proposed
41	Rengali-D Stone Quarry	0.906	Ostali R.F -25.58	Yes	5000	25000	Proposed
42	Barabahali Stone Quarry	1.517	Bender Forest -5.03	No	4000	20000	Proposed
43	Bagadora Stone Quarry	2.310	Ostali R.F -26.52	No	5000	25000	Proposed
44	Mandal-3 Stone Quarry	2.476	Ostali R.F -11.83	Yes	5000	25000	Proposed
45	Mandal-4 Stone Quarry	2.003	Ostali R.F -11.72	Yes	5000	25000	Proposed
46	Sargimunda Stone Quarry	2.832	Bender Forest -5.93	No	4000	20000	Proposed

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47	Mundagan Stone Quarry-A	3.237	Ostali R.F -18.54	Yes	4000	20000	Proposed
48	Mundagan Stone Quarry-B	1.618	Ostali R.F -18.29	Yes	4000	20000	Proposed
Tahasil: Deogaon							
49	Bahali Stone Quarry	0.339	Ostali reserve Forest-22.67	No	1078	5390	Existing
50	Sunarijore Stone Quarry-B	0.809	Balangir Range- 11.47	Yes	491	2455	Existing
51	Gudkhapala Stone Quarry	1.267	Gudkhapala -1.40	No	1000	5000	Existing
52	Gaddwar Stone Quarry	0.526	Balangir Range -6.42	No	1000	5000	Existing
53	Ghatuldunguri Stone Quarry	1.626	Ostali reserve Forest-6.62	No	1500	7500	Existing
54	Mundapala Stone Quarry	0.404	Gudkhapala- 2.81	No	2000	10000	Existing
55	Sirabahal Stone Quarry	5.00	Balangir Range -9.74	No	7700	38500	Existing
56	Sunarijore Stone Quarry-A	2.237	Balangir Range -11.50	Yes	8247	41235	Existing
Tahasil: Balangir							
57	Mankadachuan Stone Quarry	3.50	Balangir Range -5.21	No	640	3200	Existing

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58	Santelen Stone Quarry	1.09	Balangir Range -8.74	No	10807	54035	Existing
59	Hardatal Stone Quarry	2.10	Balangir Range -3.85	No	3757	18785	Existing
60	Dhulusar Stone quarry	1.91	Balangir Range -6.12	No	2540	12700	Existing
61	Basupali Stone quarry-1	1.78	Balangir Range -5.40	No	4095	20475	Existing
62	Basupali Stone Quarry-2	2.023	Balangir Range -5.35	Yes	5000	25000	Existing
63	Basupali Stone Quarry-3	2.023	Balangir Range -5.53	Yes	4032	20160	Existing
64	Basupali Stone Quarry-4	2.023	Balangir Range -5.12	Yes	5000	25000	Existing
65	Basupali Stone Quarry-5	1.482	Balangir Range -5.30	Yes	4377	21885	Existing
66	Bhutiabahal Stone quarry-A	1.461	Balangir Range – 8.61	Yes	8100	40500	Existing
67	Bhutiabahal Stone Quarry-B	1.214	Balangir Range – 8.89	Yes	10080	50400	Existing
68	Bhutiabahal Stone Quarry-C	0.809	Balangir Range – 8.95	Yes	5040	25200	Existing
69	Fatkra Stone Quarry	3.277	Balangir Range – 6.66	No	2600	13000	Existing

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70	Rajamunda Stone Quarry	0.809	Balangir Range – 8.41	No	1215	6075	Existing
71	Bhanpur-III Stone Quarry	0.404	Balangir Range – 3.89	No	1410	7050	Existing
72	Barkani Stone Quarry	0.744	Balangir Range – 4.18	No	1500	7500	Existing
Tahasil: Khaprakhol							
73	Chitikamal Stone Quarry	0.267	Gandhamardana R.F - 18.44	No	733	3665	Existing
74	Karuanjhar Stone Quarry-1	2.104	Bender Forest -10.03	Yes	25000	125000	Existing
75	Baghamunda Stone Quarry	1.7	Ostali R.F -22.02	No	1176	5880	Existing
76	Karuanjhar Stone Quarry - 3	7.154	Ostali R.F -10.54	Yes	20000	100000	Proposed
Tahasil: Muribahal							
77	Andaldarah Stone Quarry	0.809	Dumerbahal Forest Range-8.51	No	3600	18000	Existing
78	Hadhada Stone Quarry	0.809	Dumerbahal Forest Range-12.12	No	2200	11000	Existing
79	Tengra Stone Quarry	2.832	Dumerbahal Forest Range-7.30	No	10000	50000	Proposed
80	Ranabandh-A Stone Quarry	1.602	Dumerbahal Forest Range-11.83	Yes	5000	25000	Proposed

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81	Ranabandh-B Stone Quarry	0.558	Dumerbahal Forest Range-12.4	Yes	2000	10000	Proposed
82	Dejuri Stone Quarry	0.655	Dumerbahal Forest Range-15.29	No	1500	7500	Proposed
83	Sargul Stone Quarry	0.534	Dumerbahal Forest Range-5.83	No	1500	7500	Proposed
Tahasil: Puintala							
84	Janipali Stone Quarry	0.817	Balangir Range-15.97	No	1035	5175	Existing
85	Badburkabahal Stone Quarry	2.023	Balangir Range-19.42	Yes	1544	7720	Existing
86	Bileikani Stone Quarry	2.023	Balangir Range-15.46	No	2025	10125	Existing
87	Badburkabahal Stone Quarry-B	2.023	Balangir Range-19.55	Yes	2016	10080	Existing
88	Mahadevpali Stone Quarry	0.809	Balangir Range-10.74	No	2565	12825	Existing
89	Duhel Stone Quarry-C	2.020	Balangir Range-17.49	No	900	4500	Existing
90	Kutenpali Stone Quarry	2.020	Balangir Range-15.95	No	1000	5000	Existing
91	Patharla-B Stone Quarry	2.020	Balangir Range-16.71	Yes	5000	25000	Existing
92	Patharla Stone Quarry-A	2.023	Balangir Range-16.60	Yes	5000	25000	Proposed
Tahasil: Titilagarh							
93	Burdipada-A Stone Quarry	1.618	Dumerbahal Forest-13.52	Yes	3000	15000	Existing

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94	Burdipada-B Stone Quarry	1.618	Dumerbahal Forest-13.58	Yes	3000	15000	Existing
95	Burdipada-C Stone Quarry	1.618	Dumerbahal Forest-13.62	Yes	4000	20000	Existing
96	Desil-A Stone Quarry	1.214	Sarnapadar Forest-13.87	Yes	2000	10000	Existing
97	Desil-B Stone Quarry	1.214	Sarnapadar Forest-13.93	Yes	2000	10000	Existing
98	Desil-C Stone Quarry	1.214	Sarnapadar Forest-13.82	Yes	1200	6000	Existing
99	Desil-D Stone Quarry	1.214	Sarnapadar Forest-13.90	Yes	2000	10000	Existing
100	Sihini Stone Quarry	1.214	Dumerbahal Forest-12.81	Yes	2000	10000	Existing
101	Sihini-2 Stone Quarry	0.809	Dumerbahal Forest-12.75	Yes	3000	15000	Existing
102	Turla Stone Quarry	1.618	Dumerbahal Forest-12.69	Yes	2000	10000	Existing
103	Dumdumi Stone Quarry	1.012	Sialjhudungi Forest-2.75	No	2250	12250	Existing
104	Nirmula-III Stone Quarry	0.404	Mahendrapur Forest-7.53	No	2000	10000	Existing
105	Kotmara-II Stone Quarry	0.607	Bagdori Forest-12.80	No	1620	8100	Existing
106	Junapada Stone Quarry	0.809	Charbhata Forest-11.36	Yes	2880	14400	Existing
107	Gandhargala Stone Quarry	1.590	Dumerbahal Forest-18.11	No	5000	25000	Proposed
108	Junapada-B Stone Quarry	1.214	Charbhata Forest-11.51	Yes	5000	25000	Proposed
109	Junapada-C Stone Quarry	1.618	Charbhata Forest-11.50	Yes	5000	25000	Proposed

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110	Junapada-D Stone Quarry	1.214	Charbhata Forest- 11.59	Yes	5000	25000	Proposed
Tahasil: Bangomunda							
111	Borbahal Stone Quarry	0.242	Mahakhand Forest- 11.12	No	2000	10000	Existing
112	Barlabahali Stone Quarry	1.214	Mahakhand Forest- 10.32	No	2200	11000	Existing
113	Sahajot Stone Quarry	1.537	Mahakhand Forest- 12.31	No	2000	10000	Existing
114	Deheli Stone Quarry-A	0.607	Sikuan Forest- 13.43	Yes	1500	7500	Existing
115	Sanagamada Stone Quarry-C	1.214	Mahakhand Forest- 1.71	Yes	2000	10000	Existing
116	Sanagamada Stone Quarry-D	1.942	Mahakhand Forest- 1.82	Yes	2187	10935	Existing
117	Sindhbhadi Stone Quarry-I	2.44	Mahakhand Forest- 11.82	Yes	1350	6750	Existing
118	Sanagamada Stone Quarry-B	1.214	Mahakhand Forest- 1.41	Yes	4000	20000	Existing
119	Salemudga Stone Quarry-B	1.618	Dumerbahaldorest Range- 26.21	Yes	1500	7500	Existing
120	Bhirkapada Stone Quarry	0.190	Mahakhand Forest- 12.21	No	400	2000	Existing
121	Sanagamada Stone Quarry-A	1.214	Mahakhand Forest- 1.12	Yes	2000	10000	Existing
122	Deheli Stone Quarry	1.618	Sikuan Forest- 12.14	Yes	4000	20000	Proposed
Tahasil: Kantabanji							

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123	Sandhibahali Stone Quarry	2.42	Mahakhand Forest-4.97	No	3000	15000	Existing
124	Mahakhand Stone Quarry-I	1.158	Mahakhand Forest-2.51	No	4018	20090	Existing
125	Chatuanka Stone Quarry-II	2.509	Mahakhand Forest-13.84	No	1579	7895	Existing
126	Tikrapada Stone Quarry	2.50	Mahakhand Forest-5.74	No	513	2565	Existing
127	Kukudahad Stone Quarry-B	5.823	Dumberbahal Forest -15.08	Yes	5000	25000	Proposed
128	Ghanamahul Stone Quarry	1.525	Dumberbahal Forest -15.15	No	3000	15000	Proposed
129	Beherensilet-1 Stone Quarry	Proposed for Extinction					
Tahasil: Sainatala							
130	Dunguripali Stone Quarry	1.602	Deng Forest-9.39	No	1260	6300	Existing
131	Manamunda Stone Quarry	3.77	Ostali R.F -23.09	No	1276	6380	Existing
132	Dangarpada Stone Quarry	1.42	Ostali R.F -25.68	No	2088	10440	Existing
133	Kandhkelgaon Stone Quarry	1.7	Sandasmundi Forest-5.12	No	1500	7500	Existing
134	Turchauper Stone Quarry	1.618	Sandasmundi Forest-6.58	No	1500	7500	Existing
135	Kechhomuhan-A Stone Quarry	3.553	Deng Forest-9.59	Yes	3000	15000	Proposed
136	Kechhomuhan-B Stone Quarry	0.623	Deng Forest-9.40	Yes	1000	5000	Proposed
Tahasil: Patnagarh							

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137	Guhuriamunda-A Stone Quarry	1.214	Ostali R.F -10.51	Yes	2200	11000	Existing
138	Guhuriamunda-B Stone Quarry	2.023	Ostali R.F -10.72	Yes	3510	17550	Existing
139	Jhulenbar Stone Quarry	0.906	Jhulenbar Forest-1.15	No	2133	10665	Existing
140	Rengali Stone Quarry	0.756	Bagmunda Forest-5.43	No	2000	10000	Proposed
141	Bharatbahal Stone quarry	3.480	Barjhula Forest-4.91	No	3000	15000	Proposed
142	Dabamal Stone quarry	3.237	Chitikamal Forest-2.82	No	3000	15000	Proposed
Tahasil: Agalpur							
143	Badtika-A Stone Quarry	4.046	Karlajharan Forest-1.97	No	4000	20000	Proposed

Annexure- VI

**List of Cluster & Contiguous Cluster
Clusters:**

Name of Tahasil	Cluster No	Lease No	Location (River Bed/Patta Land)	Village	Name of Minor Minerals in Cluster	Area (in Ha)	Total Cluster Area in Hectare	Total Excavation (Cum)	Existing / Proposed
Loisingha	Cluster No-1	5	Govt. Land	Babja	Babja Stone Quarry	3.350	8.206	181044	Existing
		22		Babja	Babja-A Stone Quarry	1.214		50990.52	Proposed
		23		Babja	Babja-B Stone Quarry	1.214		48895.74	Proposed
		24		Babja	Babja-C Stone Quarry	1.214		52369.85	Proposed
		25		Babja	Babja-D Stone Quarry	1.214		49287.58	Proposed
Loisingha	Cluster No-2	8	Govt. Land	Uchhabapali	Uchhabapali Stone Quarry-1	4.65	28.659	752580	Existing
		9		Uchhabapali	Uchhabapali Stone Quarry-2	4.65		346945.5	
		10		Uchhabapali	Uchhabapali Stone Quarry-3	3.15		280053	
		11		Uchhabapali	Uchhabapali Stone Quarry-4	4.33		270504	
		12		Uchhabapali	Uchhabapali Stone Quarry-5	3.09		456480	
		13		Uchhabapali	Uchhabapali Stone Quarry-6	3.035		85455	
		14		Uchhabapali	Uchhabapali Stone Quarry-7	3.035		236763	
		15		Uchhabapali	Uchhabapali Stone Quarry-8	2.719		59940	
Loisingha	Cluster No-3	3	Govt. Land	Barkani	Barkani Stone Quarry	4.856	9.71	437809	Existing

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		19		Jamjori	Jamjori-A Stone Quarry	1.618		68391.76	Proposed
		20		Jamjori	Jamjori-B Stone Quarry	1.618		67427.95	Proposed
		21		Jamjori	Jamjori-C Stone Quarry	1.618		67735.87	Proposed
Loisingha	Cluster No-4	4	Govt. Land	Dumdumi	Dumdumi Stone Quarry	6.00	10.88	235806	Existing
		27		Burda	Burda Stone Quarry	4.88		92541.24	Proposed
Belpada	Cluster No-5	29	Govt. Land	Mandal	Mandal-1 Stone Quarry	4.50	8.979	187020	Existing
		44	Patta Land	Mandal	Mandal-3 Stone Quarry	2.476		112688.75	Proposed
		45		Mandal	Mandal-4 Stone Quarry	2.003		104166.08	Proposed
Belpada	Cluster No-6	47	Govt. Land	Mundagan	Mundagan-A Stone Quarry	3.237	4.855	147305.79	Proposed
		48		Mundagan	Mundagan-B Stone Quarry	1.618		67987.08	Proposed
Deogaon	Cluster No-7	56	Govt. Land	Sunarijore	Sunarijore-A Stone Quarry	2.237	3.046	285053	Existing
		50		Sunarijore	Sunarijore-B Stone Quarry	0.809		15932.7	Existing
Balangir	Cluster No-8	61	Govt. Land	Basupali	Basupali Stone quarry-1	1.78	9.331	79988.4	Existing
		62		Basupali	Basupali Stone Quarry-2	2.023		173299.5	
		63		Basupali	Basupali Stone Quarry-3	2.023		94176	
		64		Basupali	Basupali Stone Quarry-4	2.023		65052	
		65		Basupali	Basupali Stone Quarry-5	1.482		60478.2	
Balangir	Cluster	66	Govt. Land	Bhutiabahal	Bhutiabahal Stone	1.461	3.484	134662	Existing

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	No-9			quarry-A					
		67		Bhutiabahal	Bhutiabahal Stone Quarry-B	1.214		102870	
		68		Bhutiabahal	Bhutiabahal Stone Quarry-C	0.809		45468	
Khaprakhol	Cluster No-10	74	Govt. Land	Karuanjhar	Karuanjhar Stone Quarry-1	2.104	9.258	121380	Existing
		76		Karuanjhar	Karuanjhar Stone Quarry -3	7.154		348757.5	Proposed
Muribahal	Cluster No-11	80	Govt. Land	Ranabandh	Ranabandh-A Stone Quarry	1.602	2.16	76920.41	Proposed
		81		Ranabandh	Ranabandh-B Stone Quarry	0.558		25130.97	Proposed
Puintala	Cluster No-12	85	Govt. Land	Badburkabahal	Badburkabahal Stone Quarry	2.023	4.046	374938.2	Existing
		87		Badburkabahal	Badburkabahal Stone Quarry-B	2.023		116496	
Puintala	Cluster No-13	91	Govt. Land	Patharla	Patharla-B Stone Quarry	2.020	4.043	56700	Existing
		92		Patharla	Patharla Stone Quarry-A	2.023		91054.35	Proposed
Titilagarh	Cluster No-14	93	Govt. Land	Burdipada	Burdipada-A Stone Quarry	1.618	4.854	136800	Existing
		94		Burdipada	Burdipada-B Stone Quarry	1.618		172854	
		95		Burdipada	Burdipada-C Stone Quarry	1.618		271800	
Titilagarh	Cluster No-15	99	Govt. Land	Desil	Desil-A Stone Quarry	1.214	4.856	80932.5	Existing
		97		Desil	Desil-B Stone Quarry	1.214		46990.8	
		98		Desil	Desil-C Stone Quarry	1.214		92070	
		99		Desil	Desil-D Stone Quarry	1.214		52123.5	

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Titilagarh	Cluster No-16	100	Govt. Land	Sihini	Sihini Stone Quarry	1.214	3.641	114048	Existing
		101		Sihini	Sihini-2 Stone Quarry	0.809		38650	
		102		Turla	Turla Stone Quarry	1.618		103446	
Titilagarh	Cluster No-17	106	Govt. Land	Junapada	Junapada Stone Quarry	0.809	4.855	47456.1	Existing
		108		Junapada	Junapada-B Stone Quarry	1.214		54139.5	Proposed
		109		Junapada	Junapada-C Stone Quarry	1.618		73043.73	Proposed
		110		Junapada	Junapada-D Stone Quarry	1.214		58320.8	Proposed
Bangomunda	Cluster No-18	115	Govt. Land	Sanagamada	Sanagamada Stone Quarry-C	1.214	5.584	58905	Existing
		116		Sanagamada	Sanagamada Stone Quarry-D	1.942		113715	
		118		Sanagamada	Sanagamada Stone Quarry-B	1.214		173043	
		121		Sanagamada	Sanagamada Stone Quarry-A	1.214		135622	
Saintala	Cluster No-19	135	Govt. Land	Kechomuhan	Kechomuhan Stone Quarry-A	3.553	4.176	149231.88	Proposed
		136			Kechomuhan Stone Quarry-B	0.623		28356.32	
Patnagarh	Cluster No-20	137	Govt. Land	Guhuriamunda	Guhuriamunda-A Stone Quarry	1.214	3.237	44489	Existing
		138			Guhuriamunda-B Stone Quarry	2.023		115427	Existing

Contiguous Clusters:

River Name	Contiguous Cluster No		Cluster No	Number of leases in the cluster	Location (Riverbed/Patta Land)	Distance between clusters	Village	Area of Cluster (in Ha)	Total Mineral Excavation (Ton)
Data is not available	Data is not available		Data is not available	Data is not available	Data is not available	Data is not available	Data is not available	Data is not available	Data is not available

No contiguous Cluster Situation available in respect of Balangir District

Annexure-VII

Transportation Routes for individual leases

SL NO	NAME OF TAHASIL	NAME OF SOURCE	Transportation Route No	No 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)	The road will be Constructed by Govt/ Lease Owner	Route Map & Location
1	Loisingha	Thakurpali Stone Quarry	Village Road	4	7	3	Unpaved	Unpaved	Lease Owner	Map Attached
2	Loisingha	Pandarani Stone Quarry	Village Road	2	3	5	Unpaved	Unpaved	Lease Owner	Map Attached
3	Loisingha	Barkani Stone Quarry	Village Road	4	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
4	Loisingha	Dumdumi Stone Quarry	Village Road	2	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
5	Loisingha	Babja Stone Quarry	Village Road	3	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
6	Loisingha	Magurbeda Stone Quarry	Village Road	2	4	4	Unpaved	Unpaved	Lease Owner	Map Attached
7	Loisingha	Banjipali Stone Quarry	Village Road	4	5	2	Unpaved	Unpaved	Lease Owner	Map Attached
8	Loisingha	Uchhabapali Stone Quarry-1	Village Road	4	6	3	Unpaved	Unpaved	Lease Owner	Map Attached
9	Loisingha	Uchhabapali Stone Quarry-2	Village Road	3	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
10	Loisingha	Uchhabapali Stone Quarry-3	Village Road	5	7	2	Unpaved	Unpaved	Lease Owner	Map Attached
11	Loisingha	Uchhabapali Stone Quarry-4	Village Road	4	12	3	Unpaved	Unpaved	Lease Owner	Map Attached
12	Loisingha	Uchhabapali Stone Quarry-5	Village Road	3	8	2	Unpaved	Unpaved	Lease Owner	Map Attached
13	Loisingha	Uchhabapali Stone Quarry-6	Village Road	4	10	3	Unpaved	Unpaved	Lease Owner	Map Attached
14	Loisingha	Uchhabapali Stone Quarry-7	Village Road	2	7	2	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining**DSR of Balangir District**

15	Loisingha	Uchhabapali Stone Quarry-8	Village Road	4	12	4	Unpaved	Unpaved	Lease Owner	Map Attached
16	Loisingha	Uchhabapali Stone Quarry-9	Village Road	7	15	3	Unpaved	Unpaved	Lease Owner	Map Attached
17	Loisingha	Taliudar Stone Quarry	Village Road	3	7	3	Unpaved	Unpaved	Lease Owner	Map Attached
18	Loisingha	Uparudar Stone Quarry	Village Road	6	10	2	Unpaved	Unpaved	Lease Owner	Map Attached
19	Loisingha	Jamjori-A Stone Quarry	Village Road	2	4	4	Unpaved	Unpaved	Lease Owner	Map Attached
20	Loisingha	Jamjori-B Stone Quarry	Village Road	4	12	3	Unpaved	Unpaved	Lease Owner	Map Attached
21	Loisingha	Jamjori-C Stone Quarry	Village Road	3	11	4	Unpaved	Unpaved	Lease Owner	Map Attached
22	Loisingha	Babja-A Stone Quarry	Village Road	2	10	3	Unpaved	Unpaved	Lease Owner	Map Attached
23	Loisingha	Babja-B Stone Quarry	Village Road	4	11	3	Unpaved	Unpaved	Lease Owner	Map Attached
24	Loisingha	Babja-C Stone Quarry	Village Road	4	10	3	Unpaved	Unpaved	Lease Owner	Map Attached
25	Loisingha	Babja-D Stone Quarry	Village Road	3	12	4	Unpaved	Unpaved	Lease Owner	Map Attached
26	Loisingha	Kandajori Stone Quarry	Village Road	2	4	4	Unpaved	Unpaved	Lease Owner	Map Attached
27	Loisingha	Burda Stone Quarry	Village Road	4	6	5	Unpaved	Unpaved	Lease Owner	Map Attached
28	Belpada	Bahabal Stone Quarry	Village Road	4	5	2	Unpaved	Unpaved	Lease Owner	Map Attached
29	Belpada	Mandal-1 Stone Quarry	Village Road	4	6	3	Unpaved	Unpaved	Lease Owner	Map Attached
30	Belpada	Tara Stone Quarry	Village Road	3	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
31	Belpada	Mandal-2 Stone Quarry	Village Road	2	7	4	Unpaved	Unpaved	Lease Owner	Map Attached
32	Belpada	Dakara Stone Quarry	Village Road	4	11	3	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining**DSR of Balangir District**

33	Belpada	Dunguripalli Stone Quarry	Village Road	4	12	3	Unpaved	Unpaved	Lease Owner	Map Attached
34	Belpada	Malijhar Stone Quarry	Village Road	5	11	4	Unpaved	Unpaved	Lease Owner	Map Attached
35	Belpada	Admunda Stone Quarry	Village Road	5	14	4	Unpaved	Unpaved	Lease Owner	Map Attached
36	Belpada	Bhuliabandh Stone Quarry	Village Road	3	6	5	Unpaved	Unpaved	Lease Owner	Map Attached
37	Belpada	Ghagurli Stone Quarry	Village Road	2	2	3	Unpaved	Unpaved	Lease Owner	Map Attached
38	Belpada	Rengali-A Stone Quarry	Village Road	2	3	4	Unpaved	Unpaved	Lease Owner	Map Attached
39	Belpada	Rengali-B Stone Quarry	Village Road	3	7	2	Unpaved	Unpaved	Lease Owner	Map Attached
40	Belpada	Rengali-C Stone Quarry	Village Road	3	3	3	Unpaved	Unpaved	Lease Owner	Map Attached
41	Belpada	Rengali-D Stone Quarry	Village Road	3	6	4	Unpaved	Unpaved	Lease Owner	Map Attached
42	Belpada	Barabahali Stone Quarry	Village Road	4	5	6	Unpaved	Unpaved	Lease Owner	Map Attached
43	Belpada	Bagadora Stone Quarry	Village Road	5	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
44	Belpada	Mandal-3 Stone Quarry	Village Road	5	10	4	Unpaved	Unpaved	Lease Owner	Map Attached
45	Belpada	Mandal-4 Stone Quarry	Village Road	8	4	3	Unpaved	Unpaved	Lease Owner	Map Attached
46	Belpada	Sargimunda Stone Quarry	Village Road	4	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
47	Belpada	Mundagan Stone Quarry-A	Village Road	3	6	4	Unpaved	Unpaved	Lease Owner	Map Attached
48	Belpada	Mundagan Stone Quarry-B	Village Road	6	4	5	Unpaved	Unpaved	Lease Owner	Map Attached
49	Deogaon	Bahali Stone Quarry	Village Road	3	9	3	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining**DSR of Balangir District**

50	Deogaon	Sunarijore Stone Quarry-B	Village Road	2	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
51	Deogaon	Gudkhapala Stone Quarry	Village Road	5	7	4	Unpaved	Unpaved	Lease Owner	Map Attached
52	Deogaon	Gaddwar Stone Quarry	Village Road	6	10	3	Unpaved	Unpaved	Lease Owner	Map Attached
53	Deogaon	Ghatuldunguri Stone Quarry	Village Road	4	4	6	Unpaved	Unpaved	Lease Owner	Map Attached
54	Deogaon	Mundapala Stone Quarry	Village Road	3	6	5	Unpaved	Unpaved	Lease Owner	Map Attached
55	Deogaon	Sirabahal Stone Quarry	Village Road	4	5	6	Unpaved	Unpaved	Lease Owner	Map Attached
56	Deogaon	Sunarijore Stone Quarry-A	Village Road	5	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
57	Balangir	Mankadachuan Stone Quarry	Village Road	3	8	6	Unpaved	Unpaved	Lease Owner	Map Attached
58	Balangir	Santelen Stone Quarry	Village Road	8	4	5	Unpaved	Unpaved	Lease Owner	Map Attached
59	Balangir	Hardatal Stone Quarry	Village Road	5	2	3	Unpaved	Unpaved	Lease Owner	Map Attached
60	Balangir	Dhulusar Stone quarry	Village Road	4	6	8	Unpaved	Unpaved	Lease Owner	Map Attached
61	Balangir	Basupali Stone quarry-1	Village Road	6	10	4	Unpaved	Unpaved	Lease Owner	Map Attached
62	Balangir	Basupali Stone Quarry-2	Village Road	3	3	5	Unpaved	Unpaved	Lease Owner	Map Attached
63	Balangir	Basupali Stone Quarry-3	Village Road	4	2	2	Unpaved	Unpaved	Lease Owner	Map Attached
64	Balangir	Basupali Stone Quarry-4	Village Road	2	9	7	Unpaved	Unpaved	Lease Owner	Map Attached
65	Balangir	Basupali Stone Quarry-5	Village Road	5	6	4	Unpaved	Unpaved	Lease Owner	Map Attached
66	Balangir	Bhutiabahal Stone quarry-A	Village Road	6	8	7	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining**DSR of Balangir District**

67	Balangir	Bhutiabahal Stone Quarry-B	Village Road	3	7	5	Unpaved	Unpaved	Lease Owner	Map Attached
68	Balangir	Bhutiabahal Stone Quarry-C	Village Road	4	4	6	Unpaved	Unpaved	Lease Owner	Map Attached
69	Balangir	Fatkra Stone Quarry	Village Road	3	6	5	Unpaved	Unpaved	Lease Owner	Map Attached
70	Balangir	Rajamunda Stone Quarry	Village Road	8	5	5	Unpaved	Unpaved	Lease Owner	Map Attached
71	Balangir	Bhanpur-III Stone Quarry	Village Road	3	6	6	Unpaved	Unpaved	Lease Owner	Map Attached
72	Balangir	Barkani Stone Quarry	Village Road	6	10	5	Unpaved	Unpaved	Lease Owner	Map Attached
73	Khaprakhol	Chitikamal Stone Quarry	Village Road	7	12	4	Unpaved	Unpaved	Lease Owner	Map Attached
74	Khaprakhol	Karuanjhar Stone Quarry-1	Village Road	7	11	4	Unpaved	Unpaved	Lease Owner	Map Attached
75	Khaprakhol	Baghamunda Stone Quarry	Village Road	6	9	7	Unpaved	Unpaved	Lease Owner	Map Attached
76	Khaprakhol	Karuanjhar Stone Quarry -3	Village Road	8	16	5	Unpaved	Unpaved	Lease Owner	Map Attached
77	Muribahal	Andaldarah Stone Quarry	Village Road	9	17	7	Unpaved	Unpaved	Lease Owner	Map Attached
78	Muribahal	Hadhada Stone Quarry	Village Road	9	18	8	Unpaved	Unpaved	Lease Owner	Map Attached
79	Muribahal	Tengra Stone Quarry	Village Road	6	10	5	Unpaved	Unpaved	Lease Owner	Map Attached
80	Muribahal	Ranabandh-A Stone Quarry	Village Road	5	12	7	Unpaved	Unpaved	Lease Owner	Map Attached
81	Muribahal	Ranabandh-B Stone Quarry	Village Road	8	4	3	Unpaved	Unpaved	Lease Owner	Map Attached
82	Muribahal	Dejuri Stone Quarry	Village Road	4	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
83	Muribahal	Sargul Stone Quarry	Village Road	3	6	4	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining**DSR of Balangir District**

84	Puintala	Janipali Stone Quarry	Village Road	6	4	5	Unpaved	Unpaved	Lease Owner	Map Attached
85	Puintala	Badburkabahal Stone Quarry	Village Road	3	9	3	Unpaved	Unpaved	Lease Owner	Map Attached
86	Puintala	Bileikani Stone Quarry	Village Road	2	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
87	Puintala	Badburkabahal Stone Quarry-B	Village Road	5	7	4	Unpaved	Unpaved	Lease Owner	Map Attached
88	Puintala	Mahadevpali Stone Quarry	Village Road	6	10	3	Unpaved	Unpaved	Lease Owner	Map Attached
89	Puintala	Duhel Stone Quarry-C	Village Road	6	10	5	Unpaved	Unpaved	Lease Owner	Map Attached
90	Puintala	Kutenpali Stone Quarry	Village Road	7	12	4	Unpaved	Unpaved	Lease Owner	Map Attached
91	Puintala	Patharla-B Stone Quarry	Village Road	7	11	4	Unpaved	Unpaved	Lease Owner	Map Attached
92	Puintala	Patharla Stone Quarry-A	Village Road	6	9	7	Unpaved	Unpaved	Lease Owner	Map Attached
93	Titilagarh	Burdipada-A Stone Quarry	Village Road	6	10	3	Unpaved	Unpaved	Lease Owner	Map Attached
94	Titilagarh	Burdipada-B Stone Quarry	Village Road	4	4	6	Unpaved	Unpaved	Lease Owner	Map Attached
95	Titilagarh	Burdipada-C Stone Quarry	Village Road	3	6	5	Unpaved	Unpaved	Lease Owner	Map Attached
96	Titilagarh	Desil-A Stone Quarry	Village Road	4	5	6	Unpaved	Unpaved	Lease Owner	Map Attached
97	Titilagarh	Desil-B Stone Quarry	Village Road	5	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
98	Titilagarh	Desil-C Stone Quarry	Village Road	3	8	6	Unpaved	Unpaved	Lease Owner	Map Attached
99	Titilagarh	Desil-D Stone Quarry	Village Road	8	4	5	Unpaved	Unpaved	Lease Owner	Map Attached
100	Titilagarh	Sihini Stone Quarry	Village Road	5	2	3	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining**DSR of Balangir District**

101	Titilagarh	Sihini-2 Stone Quarry	Village Road	4	6	8	Unpaved	Unpaved	Lease Owner	Map Attached
102	Titilagarh	Turla Stone Quarry	Village Road	6	10	4	Unpaved	Unpaved	Lease Owner	Map Attached
103	Titilagarh	Dumdumi Stone Quarry	Village Road	3	3	5	Unpaved	Unpaved	Lease Owner	Map Attached
104	Titilagarh	Nirmula-III Stone Quarry	Village Road	4	2	2	Unpaved	Unpaved	Lease Owner	Map Attached
105	Titilagarh	Kotmara-II Stone Quarry	Village Road	2	9	7	Unpaved	Unpaved	Lease Owner	Map Attached
106	Titilagarh	Junapada Stone Quarry	Village Road	5	6	4	Unpaved	Unpaved	Lease Owner	Map Attached
107	Titilagarh	Gandhargala Stone Quarry	Village Road	6	8	7	Unpaved	Unpaved	Lease Owner	Map Attached
108	Titilagarh	Junapada-B Stone Quarry	Village Road	3	7	5	Unpaved	Unpaved	Lease Owner	Map Attached
109	Titilagarh	Junapada-C Stone Quarry	Village Road	4	7	3	Unpaved	Unpaved	Lease Owner	Map Attached
110	Titilagarh	Junapada-D Stone Quarry	Village Road	2	3	5	Unpaved	Unpaved	Lease Owner	Map Attached
111	Bangomunda	Borbahal Stone Quarry	Village Road	4	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
112	Bangomunda	Barlabahali Stone Quarry	Village Road	2	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
113	Bangomunda	Sahajot Stone Quarry	Village Road	3	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
114	Bangomunda	Deheli Stone Quarry-A	Village Road	2	4	4	Unpaved	Unpaved	Lease Owner	Map Attached
115	Bangomunda	Sanagamada Stone Quarry-C	Village Road	4	5	2	Unpaved	Unpaved	Lease Owner	Map Attached
116	Bangomunda	Sanagamada Stone Quarry-D	Village Road	4	6	3	Unpaved	Unpaved	Lease Owner	Map Attached
117	Bangomunda	Sindhbhadi Stone Quarry-I	Village Road	3	5	3	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining**DSR of Balangir District**

118	Bangomunda	Sanagamada Stone Quarry-B	Village Road	3	8	2	Unpaved	Unpaved	Lease Owner	Map Attached
119	Bangomunda	Salemudga Stone Quarry-B	Village Road	4	10	3	Unpaved	Unpaved	Lease Owner	Map Attached
120	Bangomunda	Bhirkapada Stone Quarry	Village Road	2	7	2	Unpaved	Unpaved	Lease Owner	Map Attached
121	Bangomunda	Sanagamada Stone Quarry-A	Village Road	3	6	4	Unpaved	Unpaved	Lease Owner	Map Attached
122	Bangomunda	Deheli Stone Quarry	Village Road	6	4	5	Unpaved	Unpaved	Lease Owner	Map Attached
123	Kantabanji	Sandhibahali Stone Quarry	Village Road	2	4	4	Unpaved	Unpaved	Lease Owner	Map Attached
124	Kantabanji	Mahakhand Stone Quarry-I	Village Road	3	6	5	Unpaved	Unpaved	Lease Owner	Map Attached
125	Kantabanji	Chatuanka Stone Quarry-II	Village Road	2	2	3	Unpaved	Unpaved	Lease Owner	Map Attached
126	Kantabanji	Tikrapada Stone Quarry	Village Road	2	3	4	Unpaved	Unpaved	Lease Owner	Map Attached
127	Kantabanji	Kukudahad Stone Quarry-B	Village Road	3	7	2	Unpaved	Unpaved	Lease Owner	Map Attached
128	Kantabanji	Ghanamahul Stone Quarry	Village Road	3	3	3	Unpaved	Unpaved	Lease Owner	Map Attached
129	Kantabanji	Beherensilet-1 Stone Quarry	Proposed for Extinction							
130	Saintala	Dunguripali Stone Quarry	Village Road	6	4	5	Unpaved	Unpaved	Lease Owner	Map Attached
131	Saintala	Manamunda Stone Quarry	Village Road	3	9	3	Unpaved	Unpaved	Lease Owner	Map Attached
132	Saintala	Dangarpada Stone Quarry	Village Road	2	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
133	Saintala	Kandhkelgaon Stone Quarry	Village Road	5	7	4	Unpaved	Unpaved	Lease Owner	Map Attached
134	Saintala	Turchauper Stone Quarry	Village Road	2	3	4	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining

DSR of Balangir District

135	Saintala	Kechhomuhan-A Stone Quarry	Village Road	3	7	2	Unpaved	Unpaved	Lease Owner	Map Attached
136	Saintala	Kechhomuhan-B Stone Quarry	Village Road	3	3	3	Unpaved	Unpaved	Lease Owner	Map Attached
137	Patnagarh	Guhuriamunda-A Stone Quarry	Village Road	3	6	4	Unpaved	Unpaved	Lease Owner	Map Attached
138	Patnagarh	Guhuriamunda-B Stone Quarry	Village Road	4	5	6	Unpaved	Unpaved	Lease Owner	Map Attached
139	Patnagarh	Jhulenbar Stone Quarry	Village Road	5	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
140	Patnagarh	Rengali Stone Quarry	Village Road	5	10	4	Unpaved	Unpaved	Lease Owner	Map Attached
141	Patnagarh	Bharatbahal Stone quarry	Village Road	8	4	3	Unpaved	Unpaved	Lease Owner	Map Attached
142	Patnagarh	Dabamal Stone quarry	Village Road	4	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
143	Agalpur	Badtika-A Stone Quarry	Village Road	3	6	4	Unpaved	Unpaved	Lease Owner	Map Attached

Cluster No	Lease No	Transportation Route No	Number of tippers / days of cluster	Number of tippers/days of all the clusters on route	Length of Route in KM	Type of Road (Black Topped/Unpaved)	Recommendation for road (Black/Topped/Unpaved)	The road will be Constructed by Govt/Lease Owner	Route Map & Location
Cluster No-1	5	Village Road to State Highway	3	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
	22	Village Road to State Highway	2	10	3	Unpaved	Unpaved	Lease Owner	Map Attached
	23	Village Road to State Highway	4	11	3	Unpaved	Unpaved	Lease Owner	Map Attached
	24	Village Road to State Highway	4	10	3	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining

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	25	Village Road to State Highway	3	12	4	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-2	8	Village Road to State Highway	4	6	3	Unpaved	Unpaved	Lease Owner	Map Attached
	9	Village Road to State Highway	3	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
	10	Village Road to State Highway	5	7	2	Unpaved	Unpaved	Lease Owner	Map Attached
	11	Village Road to State Highway	4	12	3	Unpaved	Unpaved	Lease Owner	Map Attached
	12	Village Road to State Highway	3	8	2	Unpaved	Unpaved	Lease Owner	Map Attached
	13	Village Road to State Highway	4	10	3	Unpaved	Unpaved	Lease Owner	Map Attached
	14	Village Road to State Highway	2	7	2	Unpaved	Unpaved	Lease Owner	Map Attached
	15	Village Road to State Highway	4	12	4	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-3	3	Village Road to State Highway	4	5	3	Unpaved	Unpaved	Lease Owner	Map Attached
	19	Village Road to State Highway	2	4	4	Unpaved	Unpaved	Lease Owner	Map Attached
	20	Village Road to State Highway	4	12	3	Unpaved	Unpaved	Lease Owner	Map Attached
	21	Village Road to State Highway	3	11	4	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-4	4	Village Road to State Highway	2	4	2	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining

DSR of Balangir District

	27	Village Road to State Highway	4	6	5	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-5	28	Village Road to State Highway	4	6	3	Unpaved	Unpaved	Lease Owner	Map Attached
	43	Village Road to State Highway	5	10	4	Unpaved	Unpaved	Lease Owner	Map Attached
	44	Village Road to State Highway	8	4	3	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-	46	Village Road to State Highway	3	6	4	Unpaved	Unpaved	Lease Owner	Map Attached
	47	Village Road to State Highway	6	4	5	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-7	55	Village Road to State Highway	5	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
	49	Village Road to State Highway	2	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-8	60	Village Road to State Highway	6	10	4	Unpaved	Unpaved	Lease Owner	Map Attached
	61	Village Road to State Highway	3	3	5	Unpaved	Unpaved	Lease Owner	Map Attached
	62	Village Road to State Highway	4	2	2	Unpaved	Unpaved	Lease Owner	Map Attached
	63	Village Road to State Highway	2	9	7	Unpaved	Unpaved	Lease Owner	Map Attached
	64	Village Road to State Highway	5	6	4	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-	65	Village Road to State Highway	6	8	7	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining

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	66	Village Road to State Highway	3	7	5	Unpaved	Unpaved	Lease Owner	Map Attached
	67	Village Road to State Highway	4	4	6	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-10	73	Village Road to State Highway	7	11	4	Unpaved	Unpaved	Lease Owner	Map Attached
	75	Village Road to State Highway	8	16	5	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-11	79	Village Road to State Highway	5	12	7	Unpaved	Unpaved	Lease Owner	Map Attached
	80	Village Road to State Highway	8	4	3	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-12	84	Village Road to State Highway	3	9	3	Unpaved	Unpaved	Lease Owner	Map Attached
	86	Village Road to State Highway	5	7	4	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-13	90	Village Road to State Highway	7	11	4	Unpaved	Unpaved	Lease Owner	Map Attached
	91	Village Road to State Highway	6	9	7	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-14	92	Village Road to State Highway	6	10	3	Unpaved	Unpaved	Lease Owner	Map Attached
	93	Village Road to State Highway	4	4	6	Unpaved	Unpaved	Lease Owner	Map Attached
	94	Village Road to State Highway	3	6	5	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-15	95	Village Road to State Highway	4	5	6	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining

DSR of Balangir District

	96	Village Road to State Highway	5	4	2	Unpaved	Unpaved	Lease Owner	Map Attached
	97	Village Road to State Highway	3	8	6	Unpaved	Unpaved	Lease Owner	Map Attached
	98	Village Road to State Highway	8	4	5	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-16	99	Village Road to State Highway	5	2	3	Unpaved	Unpaved	Lease Owner	Map Attached
	100	Village Road to State Highway	4	6	8	Unpaved	Unpaved	Lease Owner	Map Attached
	101	Village Road to State Highway	6	10	4	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-17	105	Village Road to State Highway	5	6	4	Unpaved	Unpaved	Lease Owner	Map Attached
	107	Village Road to State Highway	3	7	5	Unpaved	Unpaved	Lease Owner	Map Attached
	108	Village Road to State Highway	4	7	3	Unpaved	Unpaved	Lease Owner	Map Attached
	109	Village Road to State Highway	2	3	5	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-18	114	Village Road to State Highway	4	5	2	Unpaved	Unpaved	Lease Owner	Map Attached
	115	Village Road to State Highway	4	6	3	Unpaved	Unpaved	Lease Owner	Map Attached
	118	Village Road to State Highway	3	8	2	Unpaved	Unpaved	Lease Owner	Map Attached
	121	Village Road to State Highway	3	6	4	Unpaved	Unpaved	Lease Owner	Map Attached

Road Metal/Building Stone Mining

DSR of Balangir District

Cluster No-19	135	Village Road to State Highway	3	7	2	Unpaved	Unpaved	Lease Owner	Map Attached
	136	Village Road to State Highway	3	3	3	Unpaved	Unpaved	Lease Owner	Map Attached
Cluster No-20	137	Village Road to State Highway	3	6	4	Unpaved	Unpaved	Lease Owner	Map Attached
	138	Village Road to State Highway	4	5	6	Unpaved	Unpaved	Lease Owner	Map Attached

CERTIFICATION REGARDING PREPARATION OF DSR

The District Survey Report for Minor Mineral (Stone) in respect of Balangir 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 District Survey report of Minor Minerals (Stone), field verification has been conducted by the Sub-Divisional Committees of Balangir, Titilagarh & Patnagarh 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.


Sub-Collector
Balangir


Sub-Collector
Patnagarh



Regional Officer
OSPCB, Balangir
State Pollution Control Board
Regional Office, Balangir


Mining Officer (Minor Mineral)
Balangir Circle, Balangir
Dist. Balangir

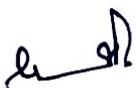
Gourahari Dasgoswami
Geologist
O/o Joint Director of Geology
Balangir
Gourahari Dasgoswami
Geologist
O/o Joint Director Geology
Zonal Survey, Balangir


Sub-Collector & SDM
Titilagarh, Balangir
Deputy Director of Mines
Balangir Circle, Balangir



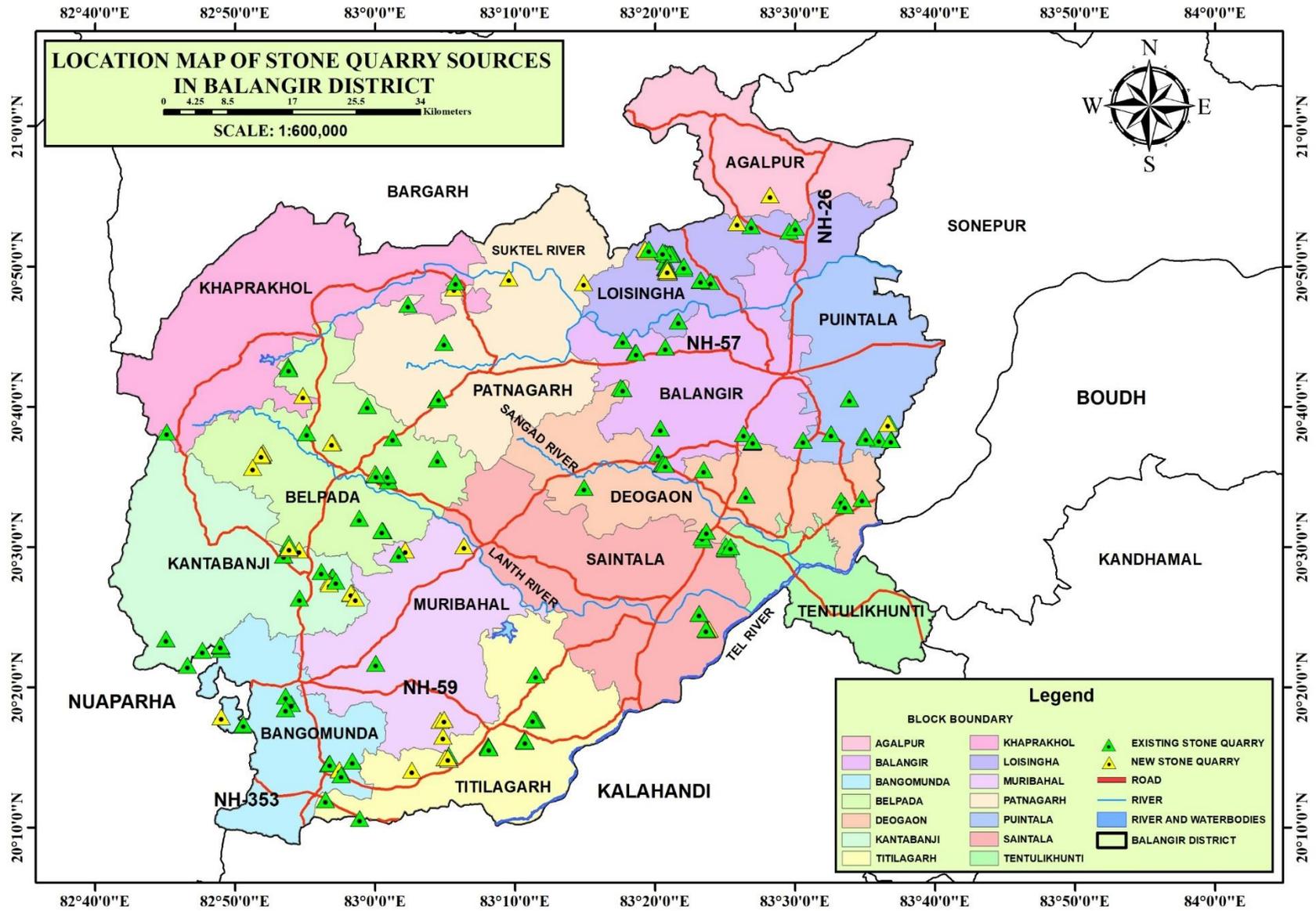
Divisional Forest Officer/
Assistant Conservator of Forest, Balangir


Executive Engineer
Balangir


Collector & DM
Balangir

LOCATION MAP OF STONE QUARRY SOURCES OF BALANGIR DISTRICT

PLATE-1



TRANSPORTING ROUTE MAP OF BALANGIR DISTRICT

PLATE-2

